

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141074.D
 Acq On : 06 Jan 2025 14:26
 Operator : RC/JU
 Sample : Q1009-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-1-03-2025

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141074.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	11	17	28	rVB	122214	197209	3.47%	0.182%
2	5.045	491	502	510	rVB2	86187	156372	2.75%	0.144%
3	5.440	561	569	574	rBV	3966012	5647129	99.43%	5.210%
4	6.357	722	725	728	rBV2	55710	79585	1.40%	0.073%
5	6.445	733	740	748	rBV	3885929	5679732	100.00%	5.240%
6	6.569	757	761	765	rBV4	44610	76581	1.35%	0.071%
7	6.663	772	777	784	rVB4	173020	260345	4.58%	0.240%
8	6.828	800	805	812	rVB	1297785	1680019	29.58%	1.550%
9	6.887	812	815	819	rVB3	78603	89726	1.58%	0.083%
10	6.975	827	830	834	rBV2	86962	106030	1.87%	0.098%
11	7.104	841	852	855	rBV4	196776	393360	6.93%	0.363%
12	7.139	855	858	861	rVV2	114225	165722	2.92%	0.153%
13	7.169	861	863	866	rVB2	72107	69249	1.22%	0.064%
14	7.222	867	872	876	rBV2	248095	350395	6.17%	0.323%
15	7.310	881	887	891	rBV2	60026	127633	2.25%	0.118%
16	7.386	891	900	904	rBV	2756419	4093937	72.08%	3.777%
17	7.422	904	906	910	rVB	482513	570454	10.04%	0.526%
18	7.475	910	915	918	rVB5	238748	348885	6.14%	0.322%
19	7.516	918	922	924	rBV3	101033	150517	2.65%	0.139%
20	7.586	931	934	936	rBV3	65896	86919	1.53%	0.080%
21	7.634	937	942	950	rVB4	534870	918802	16.18%	0.848%
22	7.751	951	962	966	rBV7	384257	1122030	19.75%	1.035%
23	7.792	966	969	972	rVB3	202001	233504	4.11%	0.215%
24	7.828	972	975	977	rBV3	220002	283102	4.98%	0.261%
25	7.904	985	988	990	rBV3	126594	132127	2.33%	0.122%
26	7.981	998	1001	1004	rBV2	174136	205001	3.61%	0.189%
27	8.016	1004	1007	1010	rVB2	207176	226495	3.99%	0.209%
28	8.104	1010	1022	1029	rBV2	2141730	5072324	89.31%	4.680%
29	8.169	1029	1033	1036	rVV2	578808	849178	14.95%	0.783%
30	8.198	1036	1038	1045	rVB5	232028	370071	6.52%	0.341%
31	8.281	1046	1052	1054	rBV3	266974	506330	8.91%	0.467%
32	8.304	1054	1056	1061	rVB3	299147	397851	7.00%	0.367%
33	8.398	1068	1072	1079	rBV7	598379	1058145	18.63%	0.976%
34	8.457	1079	1082	1084	rVV2	358252	389941	6.87%	0.360%
35	8.486	1084	1087	1091	rVV3	477939	590119	10.39%	0.544%
36	8.528	1091	1094	1100	rVV2	609737	1032795	18.18%	0.953%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.610	1104	1108	1112	rBV2	722876	970451	17.09%	0.895%
38	8.698	1119	1123	1127	rBV	2044667	2726076	48.00%	2.515%
39	8.863	1147	1151	1153	rBV3	220655	334075	5.88%	0.308%
40	8.928	1158	1162	1168	rVV4	836119	1341818	23.62%	1.238%
41	8.986	1169	1172	1175	rVV3	236868	333591	5.87%	0.308%
42	9.128	1193	1196	1201	rVB3	689659	953254	16.78%	0.880%
43	9.180	1201	1205	1210	rVB	4169525	5229270	92.07%	4.825%
44	9.269	1215	1220	1224	rBV	2723684	3847039	67.73%	3.549%
45	9.333	1228	1231	1237	rVB	598476	860460	15.15%	0.794%
46	9.522	1256	1263	1264	rBV5	691801	1381881	24.33%	1.275%
47	9.586	1269	1274	1276	rBV4	1213755	1946681	34.27%	1.796%
48	9.639	1281	1283	1287	rVB2	748536	902388	15.89%	0.833%
49	9.798	1306	1310	1314	rVB	2903408	3521196	62.00%	3.249%
50	9.857	1314	1320	1324	rBV	1557173	2317927	40.81%	2.139%
51	9.969	1336	1339	1343	rVB2	320643	399929	7.04%	0.369%
52	10.033	1345	1350	1351	rBV2	552018	854850	15.05%	0.789%
53	10.116	1361	1364	1368	rVB4	639841	838349	14.76%	0.774%
54	10.298	1390	1395	1399	rBV	2968458	3774981	66.46%	3.483%
55	10.404	1410	1413	1415	rBV2	247925	358960	6.32%	0.331%
56	10.516	1427	1432	1437	rBV	1249185	2006889	35.33%	1.852%
57	10.569	1438	1441	1444	rVV2	649617	757320	13.33%	0.699%
58	10.598	1444	1446	1449	rVV2	292667	325792	5.74%	0.301%
59	10.645	1449	1454	1458	rVB2	2137422	2942704	51.81%	2.715%
60	10.774	1471	1476	1484	rVB	3214284	5373185	94.60%	4.958%
61	11.216	1547	1551	1554	rBV	2477084	3287751	57.89%	3.033%
62	11.245	1554	1556	1562	rVB	1254062	1663181	29.28%	1.535%
63	11.345	1569	1573	1575	rBV	1273197	1688263	29.72%	1.558%
64	11.527	1601	1604	1607	rVB	260359	280795	4.94%	0.259%
65	11.645	1620	1624	1628	rBV	2213219	2701764	47.57%	2.493%
66	11.874	1660	1663	1667	rVB	753870	818436	14.41%	0.755%
67	11.957	1674	1677	1686	rVB2	626670	1351251	23.79%	1.247%
68	12.051	1689	1693	1701	rVB	1807123	2366293	41.66%	2.183%
69	12.398	1749	1752	1755	rBV	237184	274277	4.83%	0.253%
70	12.439	1755	1759	1763	rVB	1477021	1881515	33.13%	1.736%
71	12.557	1775	1779	1783	rBV	912853	1234568	21.74%	1.139%
72	12.657	1793	1796	1803	rBV3	261490	531850	9.36%	0.491%
73	12.786	1813	1818	1820	rBV	1140247	1553841	27.36%	1.434%
74	12.810	1820	1822	1826	rVB	938348	1067382	18.79%	0.985%
75	12.933	1838	1843	1851	rVB	3508710	4740180	83.46%	4.374%
76	13.168	1879	1883	1888	rBV2	743647	1052612	18.53%	0.971%

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Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.510	1938	1941	1948	rBV	422642	584468	10.29%	0.539%
78	13.980	2016	2021	2033	rVB2	1318315	2523099	44.42%	2.328%
79	15.445	2266	2270	2274	rVB	567620	764766	13.46%	0.706%

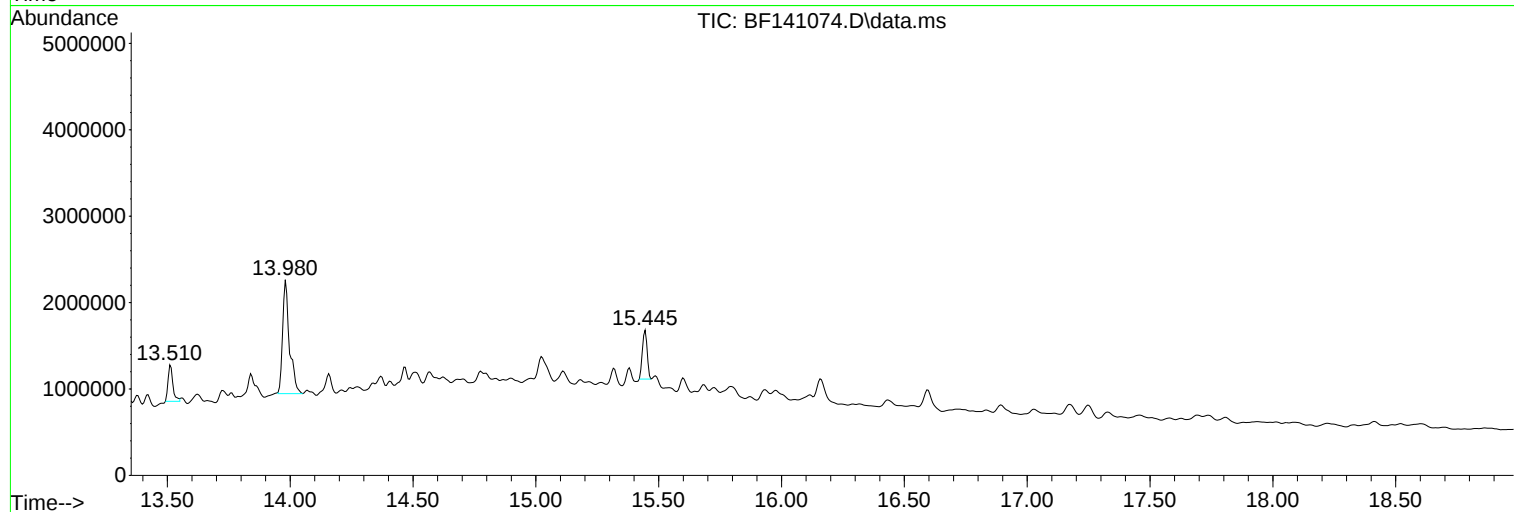
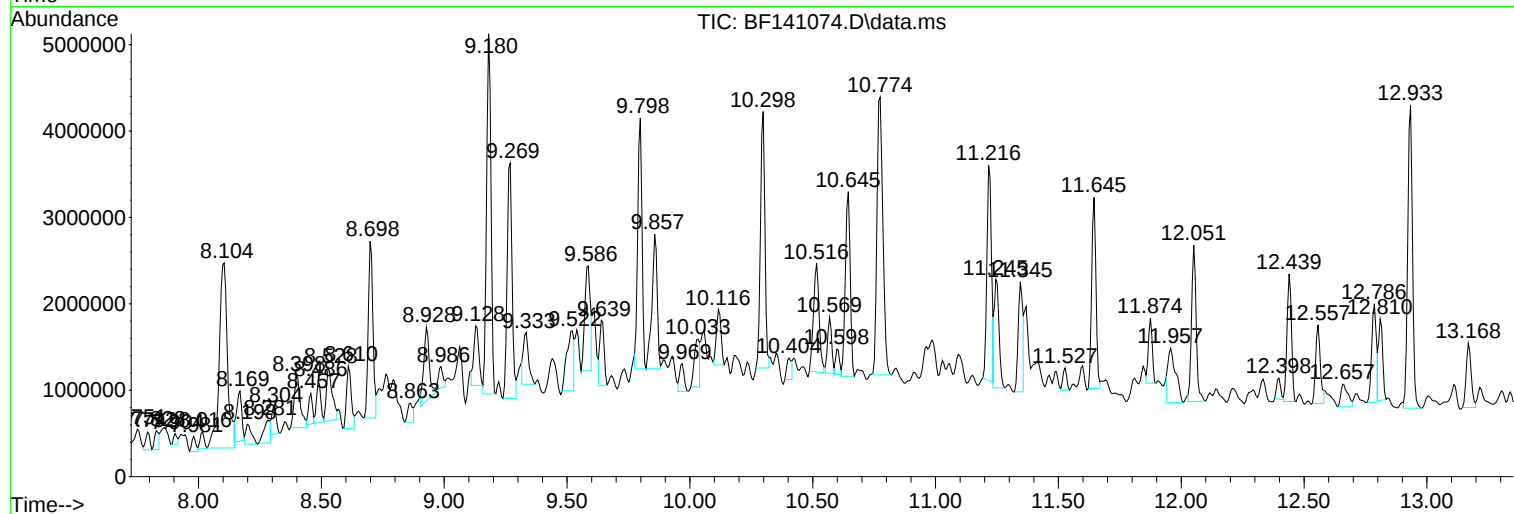
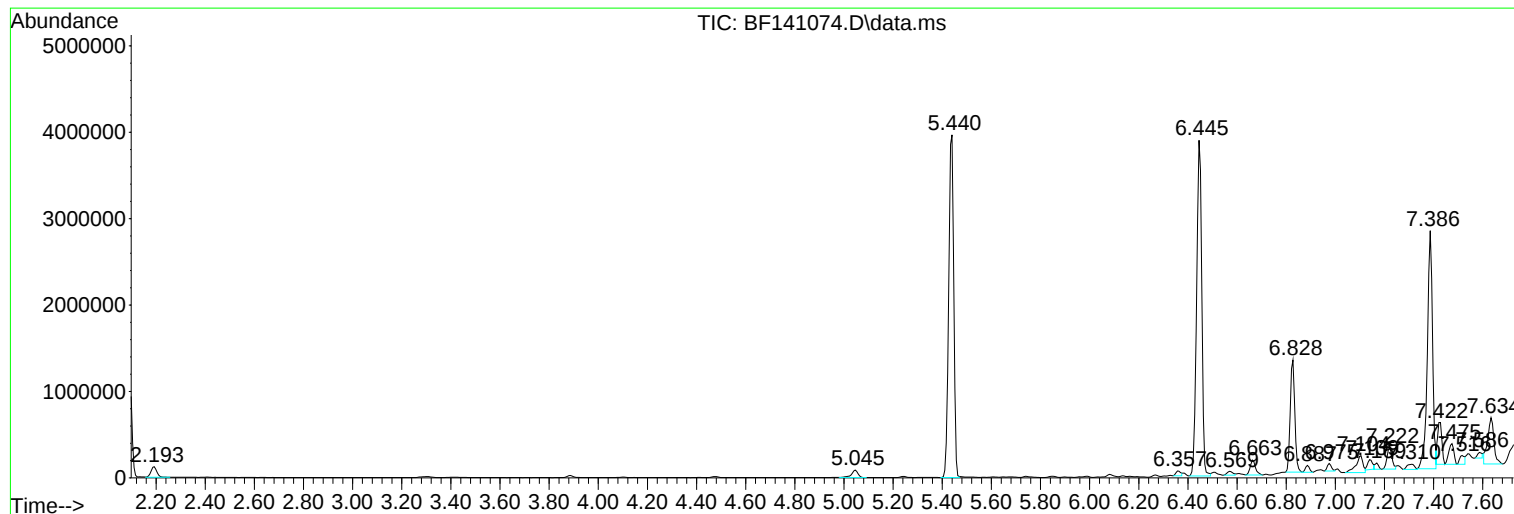
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Instrument :
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SU-03-1-03-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
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Sample : Q1009-01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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SU-03-1-03-2025

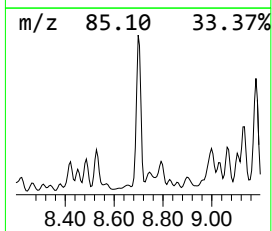
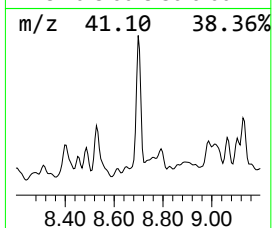
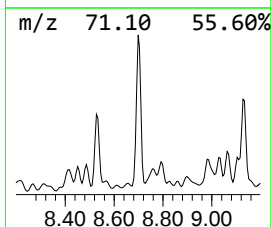
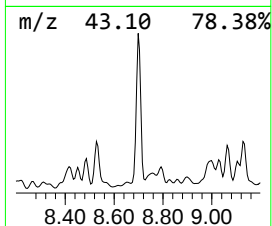
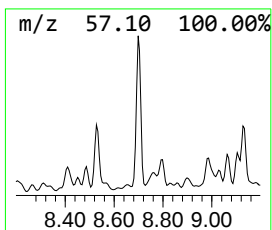
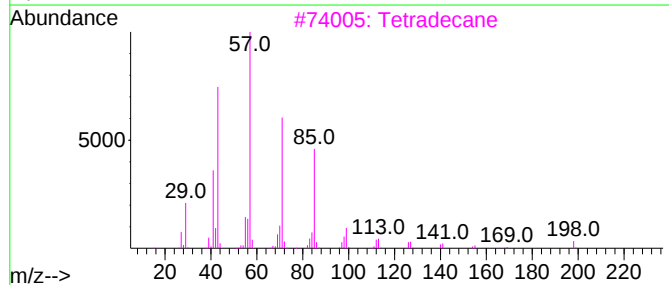
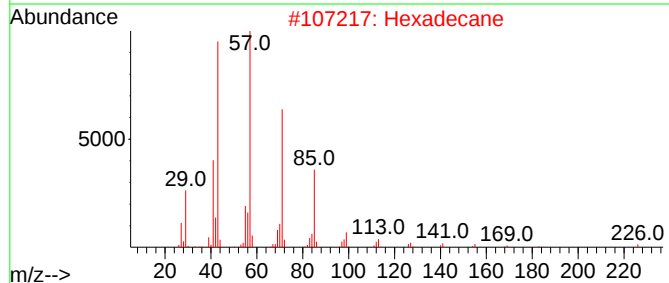
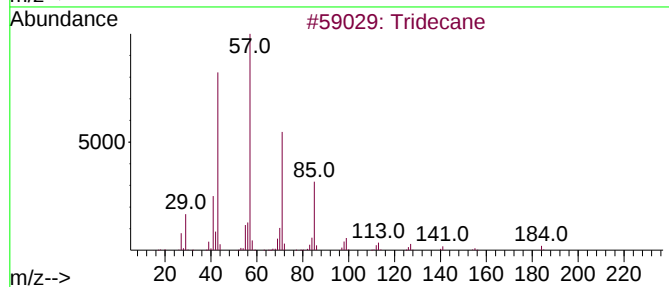
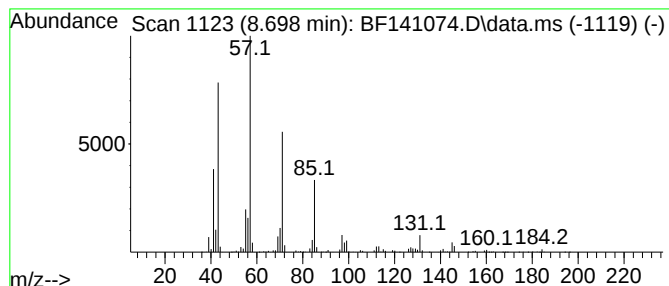
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	10.75 ng	2726080	Naphthalene-d8	8.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tetradecane	198	C14H30	000629-59-4	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	68



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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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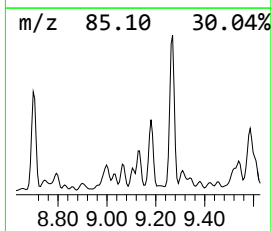
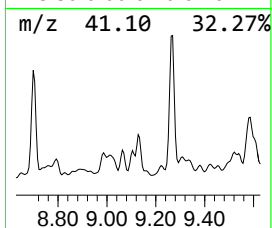
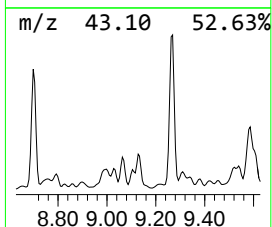
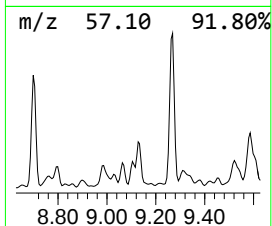
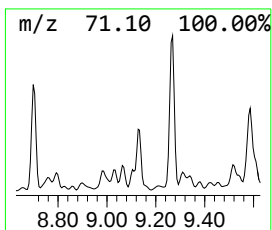
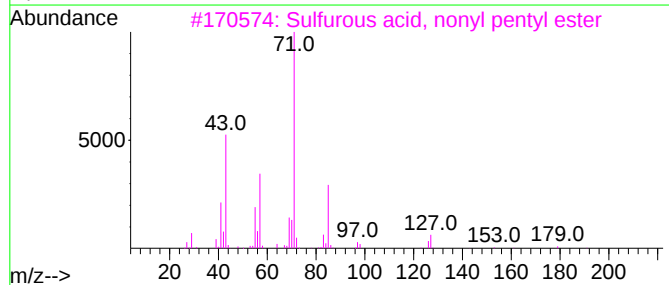
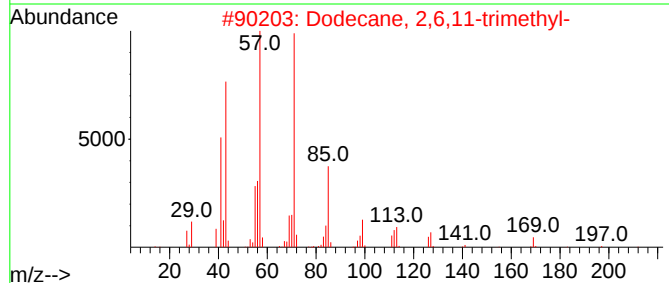
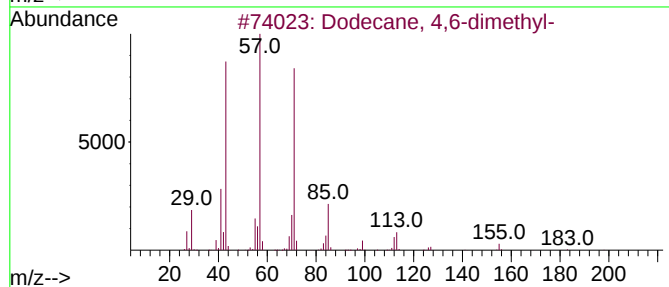
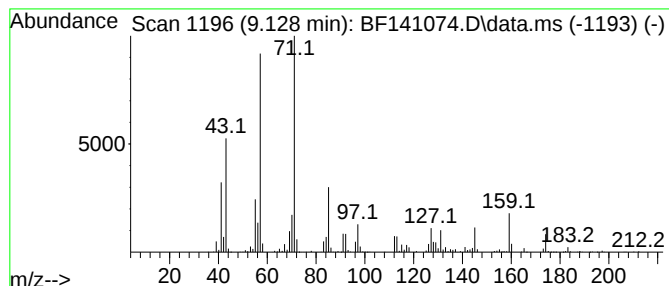
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 4,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.128	8.23 ng	953254	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
3			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	47
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	46
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	43



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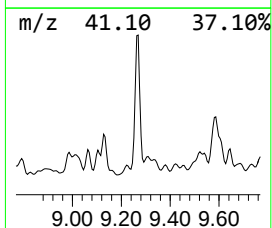
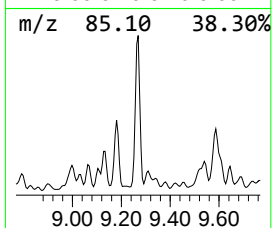
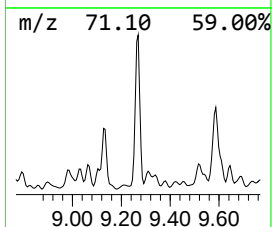
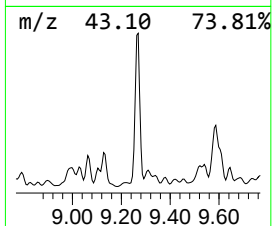
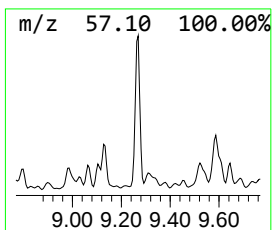
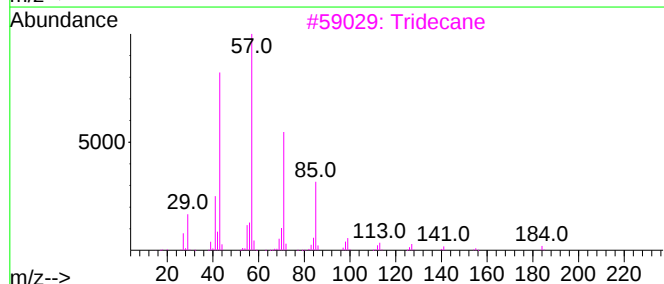
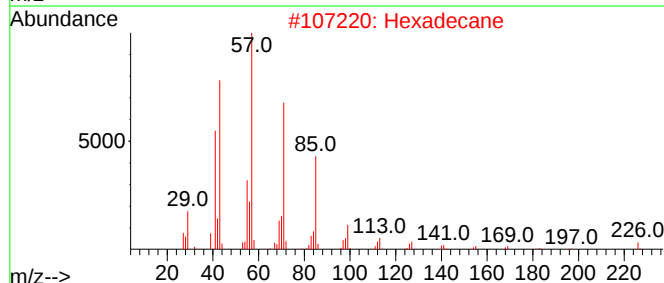
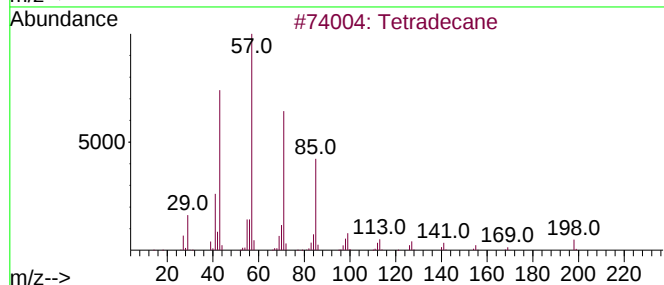
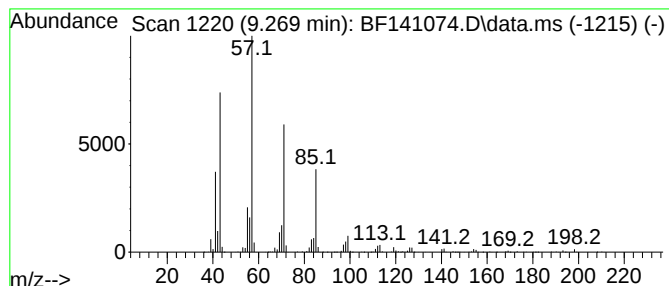
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	33.19 ng	3847040	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58



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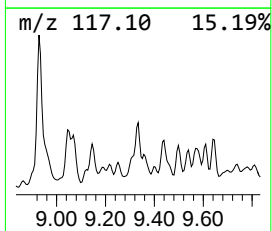
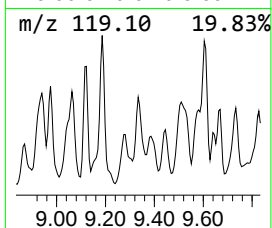
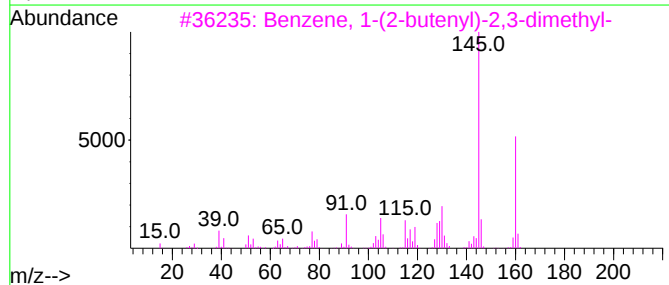
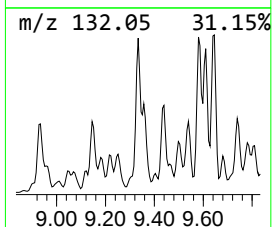
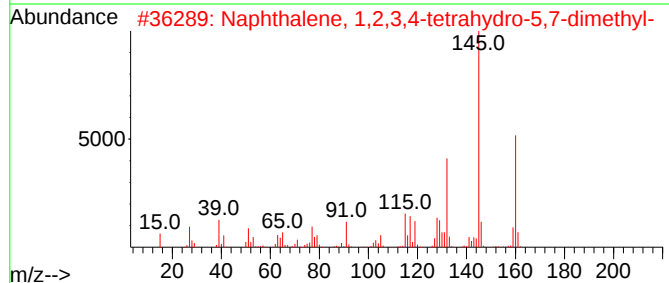
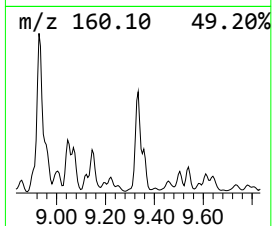
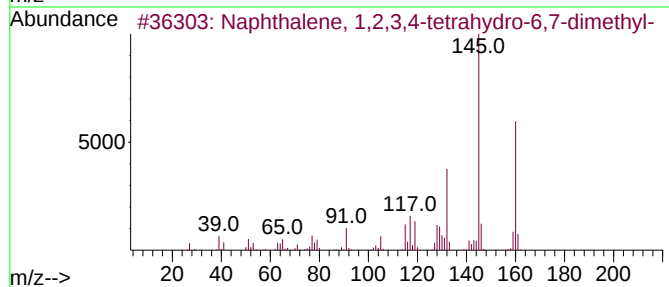
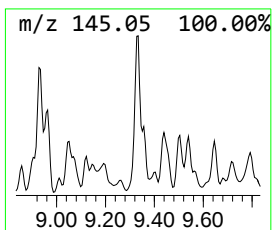
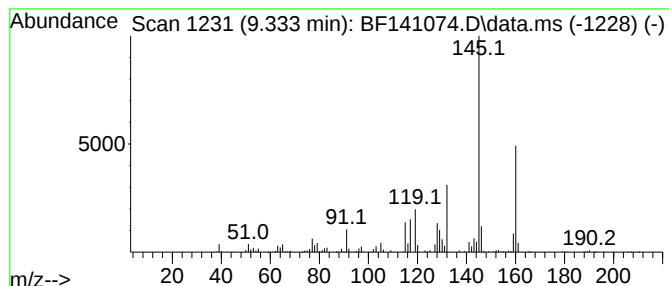
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	7.42 ng	860460	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
3			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-1-03-2025

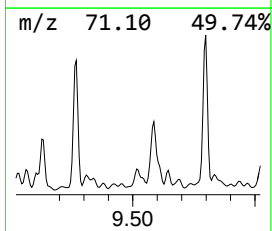
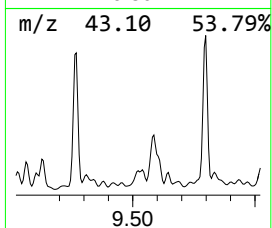
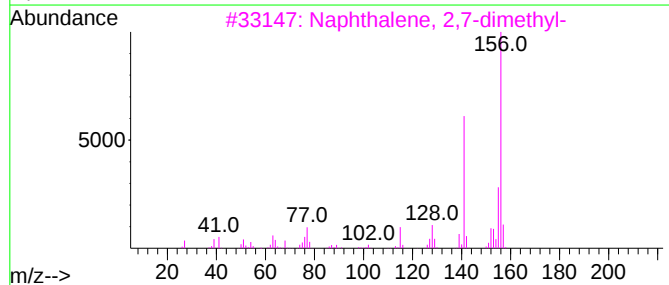
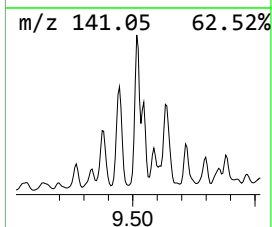
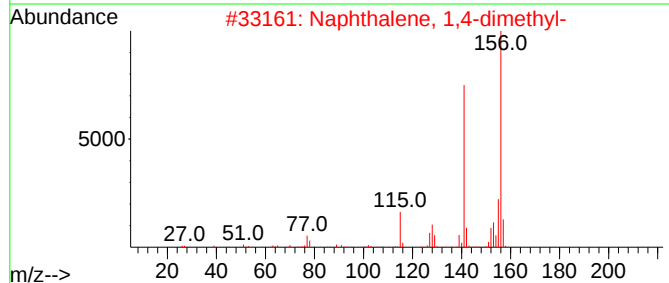
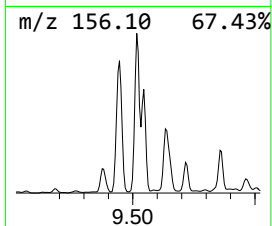
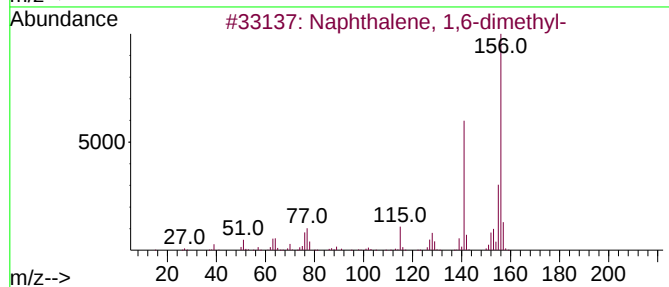
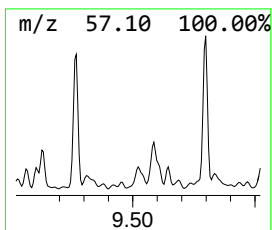
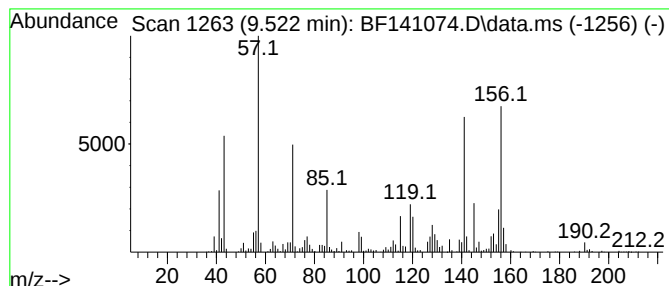
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	11.92 ng	1381880	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
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Operator : RC/JU
Sample : Q1009-01
Misc :
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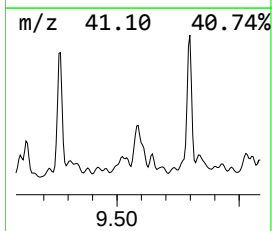
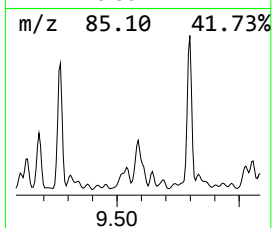
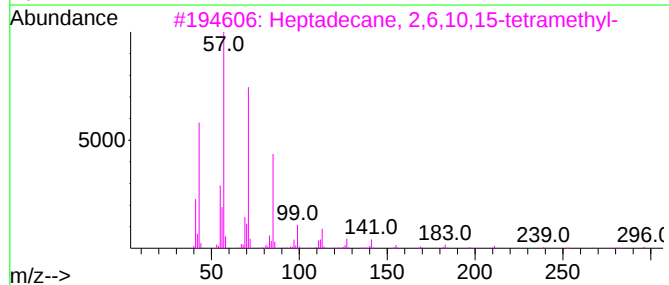
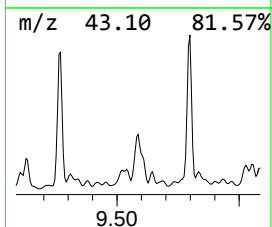
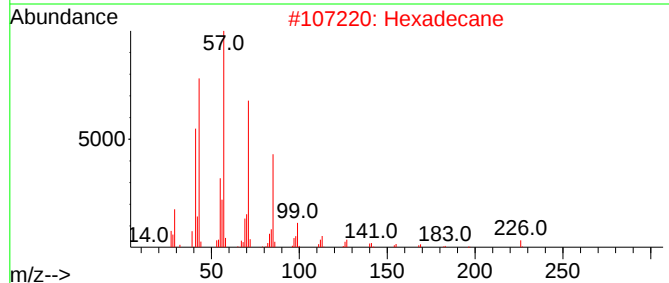
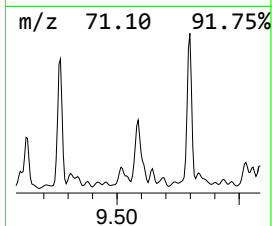
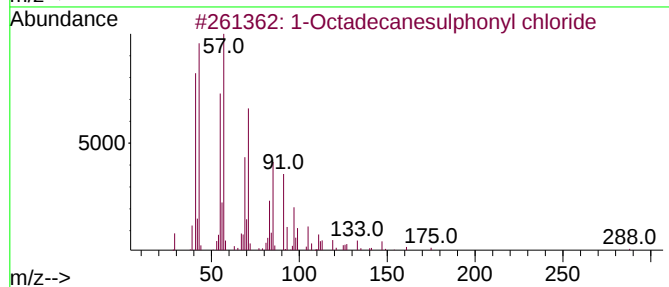
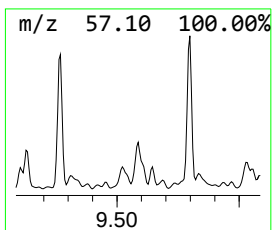
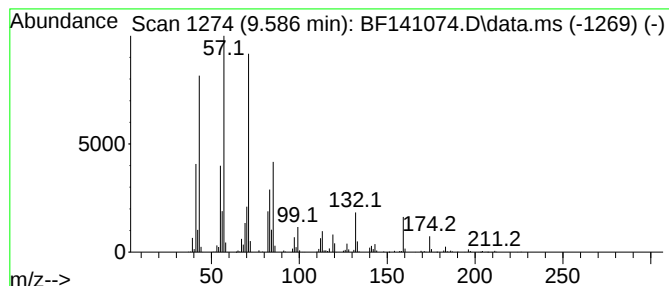
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Octadecanesulphonyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.586	16.80 ng	1946680	Acenaphthene-d10	9.857	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
2	Hexadecane	226	C16H34	000544-76-3	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	62
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
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Operator : RC/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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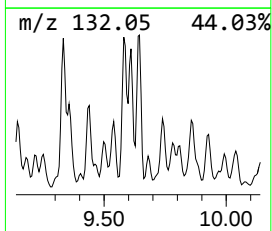
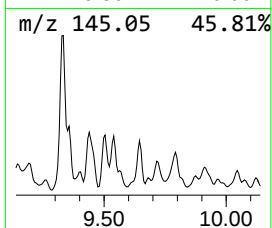
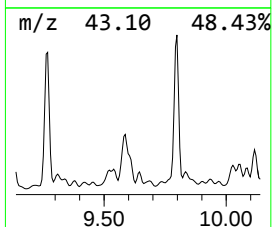
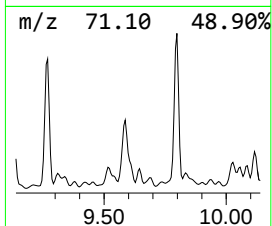
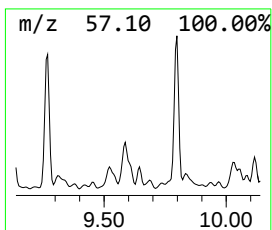
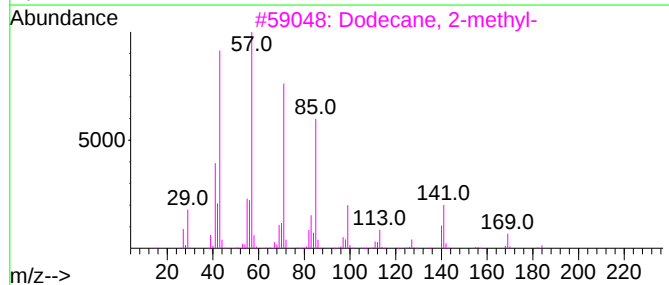
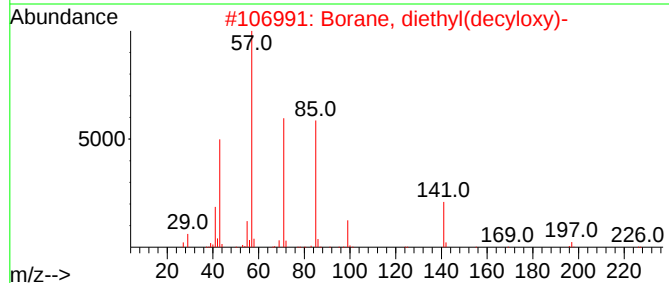
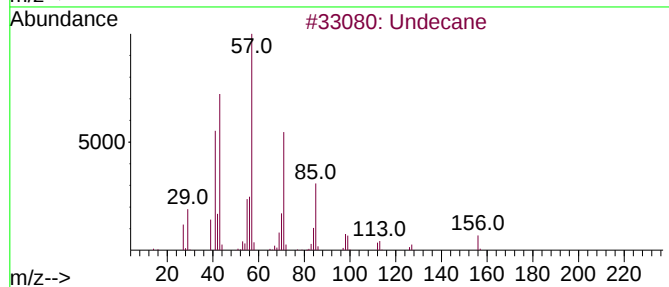
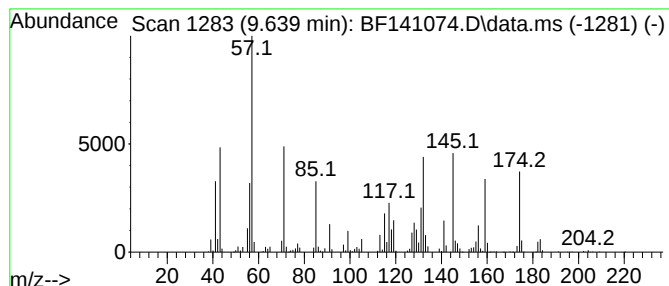
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.639 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	7.79 ng	902388	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	18
2			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	14
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	14
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	14
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
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Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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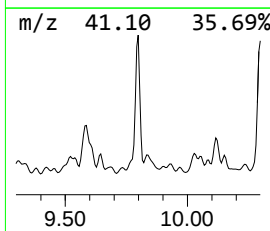
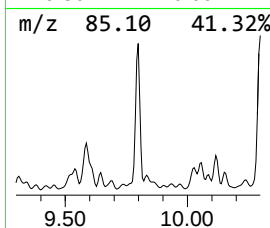
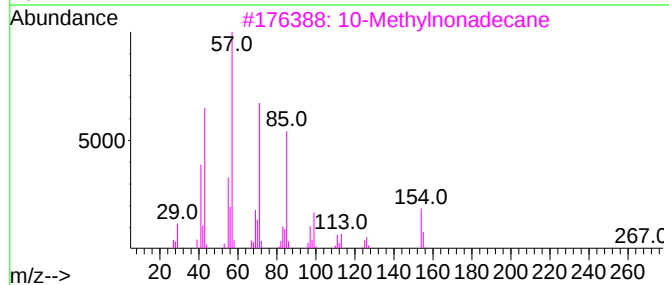
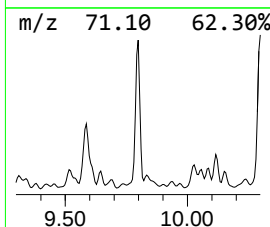
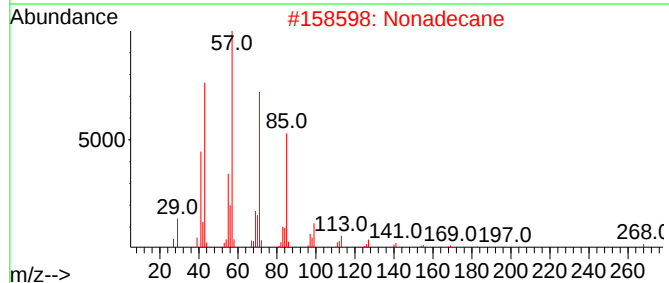
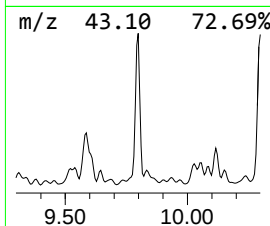
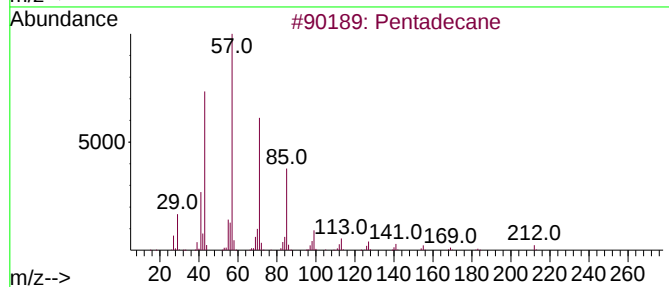
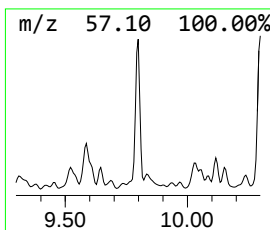
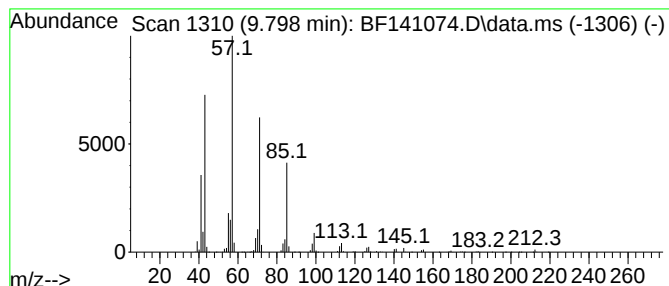
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	30.38 ng	3521200	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			10-Methylnonadecane	282	C20H42	056862-62-5	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
Acq On : 06 Jan 2025 14:26
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Instrument :
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ClientSampleId :
SU-03-1-03-2025

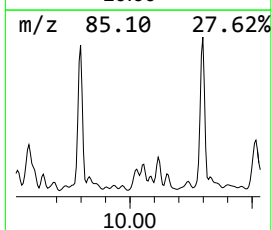
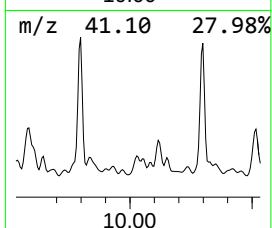
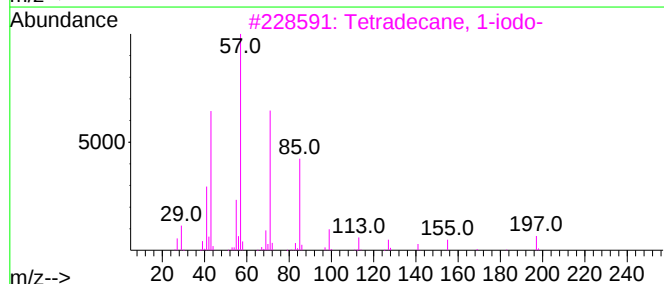
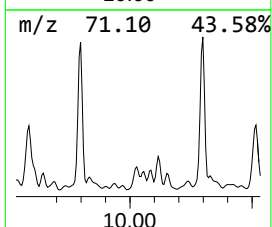
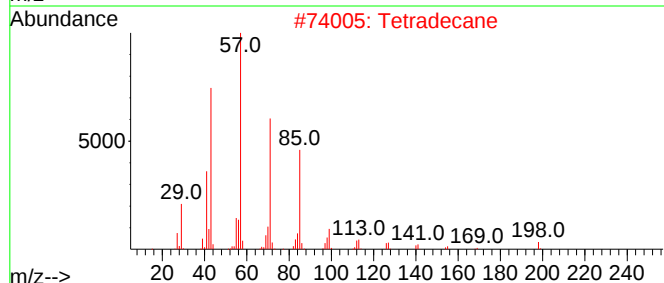
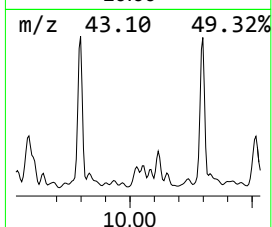
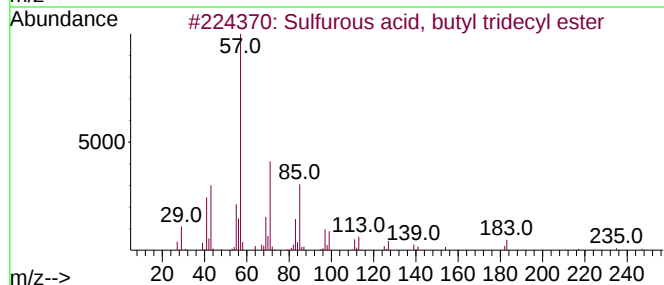
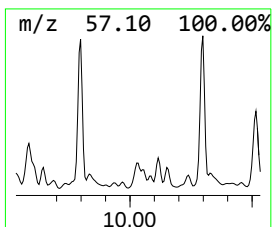
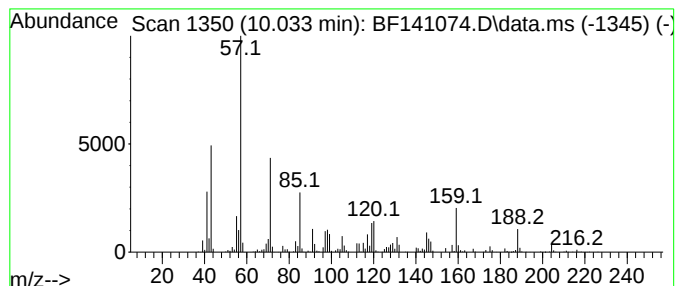
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown10.033 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.033	7.38 ng	854850	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43
2			Tetradecane	198	C14H30	000629-59-4	38
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
4			Hexadecane	226	C16H34	000544-76-3	38
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
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ClientSampleId :
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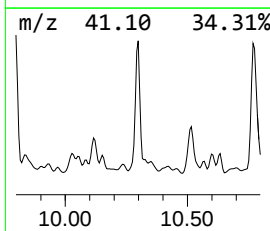
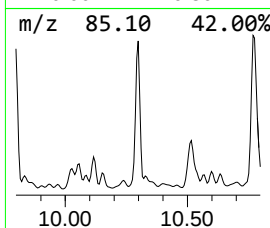
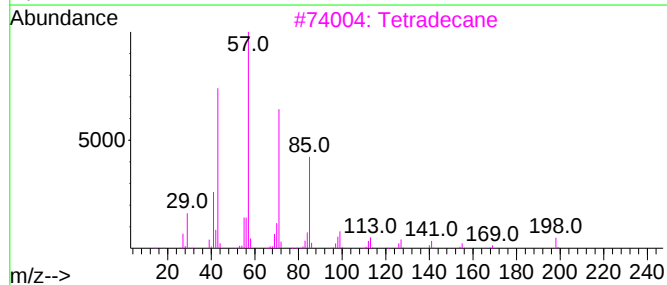
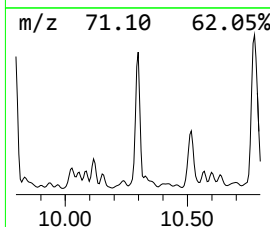
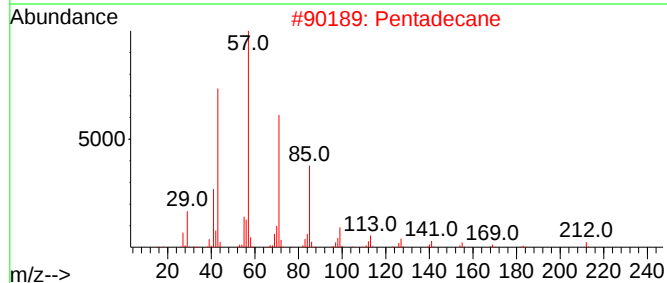
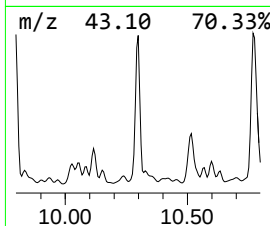
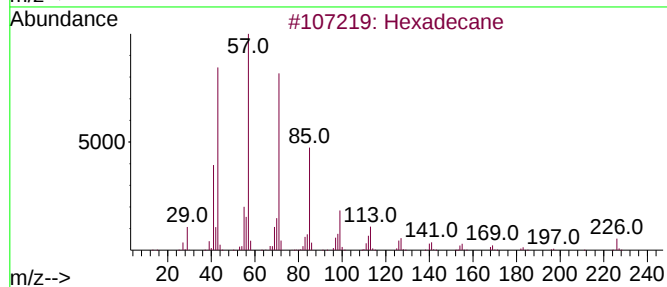
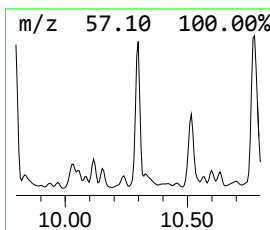
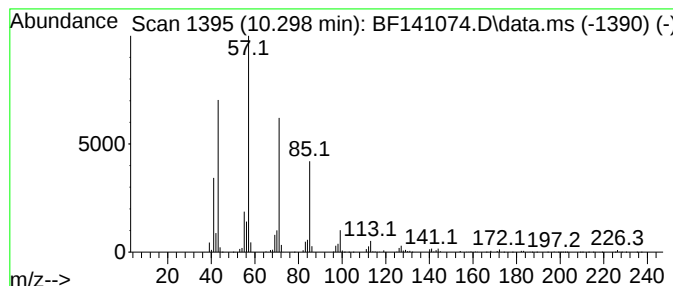
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	32.57 ng	3774980	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
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Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
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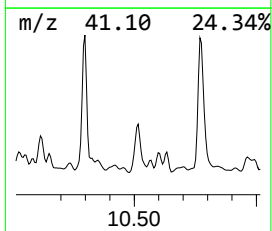
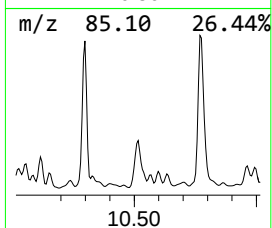
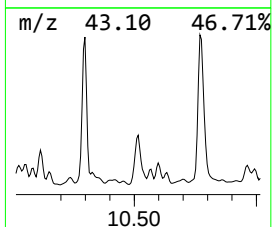
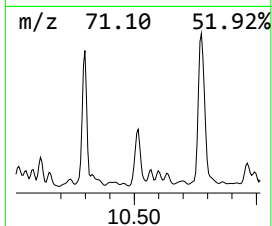
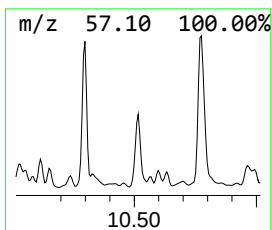
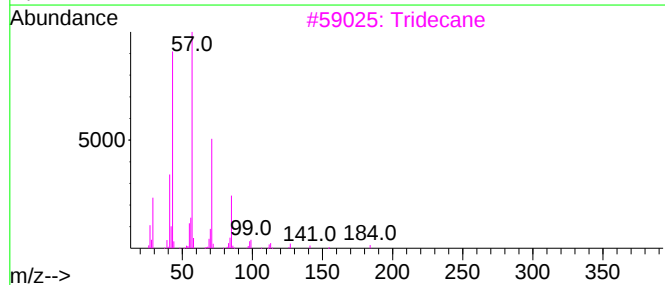
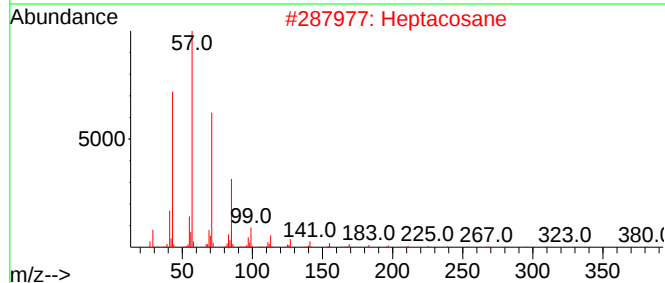
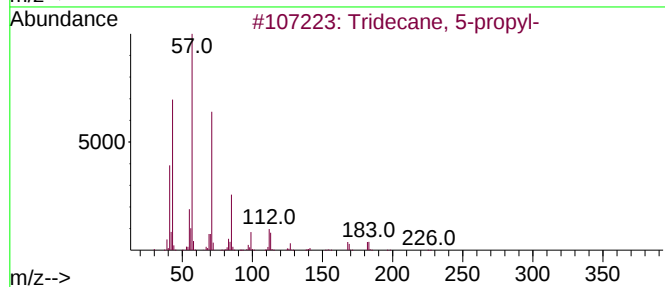
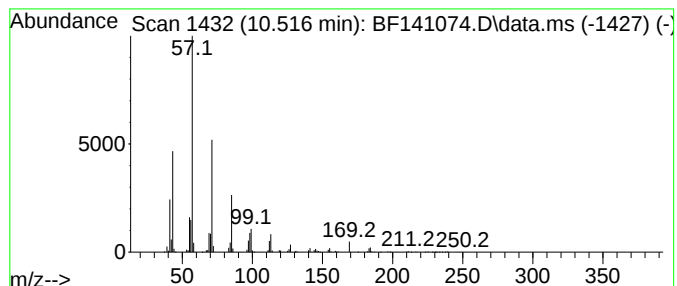
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane, 5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.516	17.32 ng	2006890	Acenaphthene-d10		9.857	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	87
2	Heptacosane		380	C27H56	000593-49-7	86
3	Tridecane		184	C13H28	000629-50-5	80
4	Hexadecane		226	C16H34	000544-76-3	80
5	Octacosane		394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
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Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

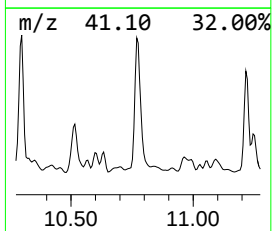
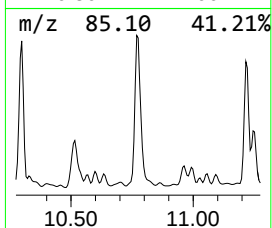
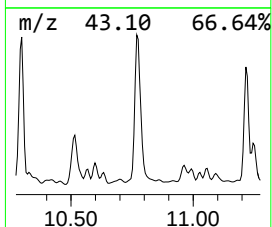
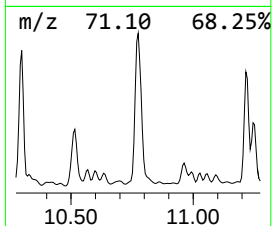
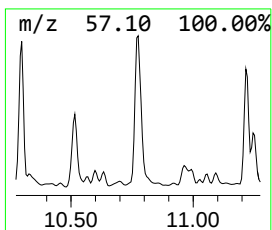
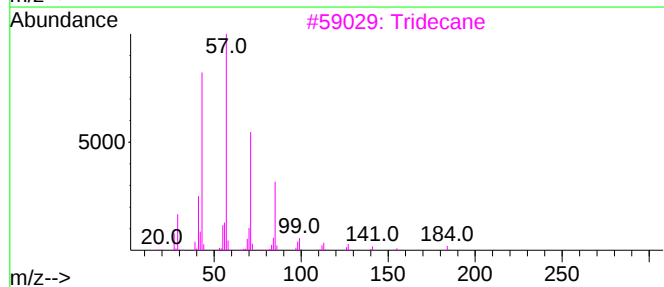
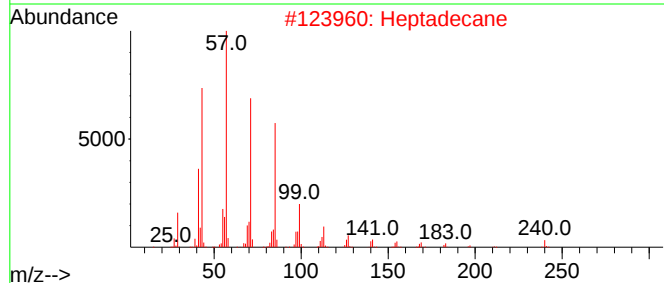
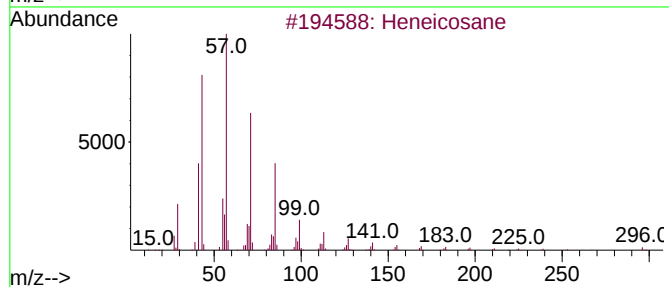
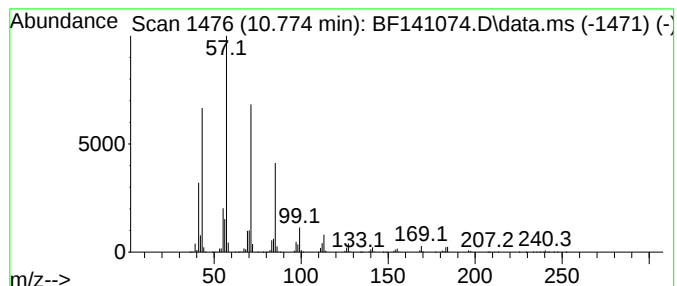
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.775	63.65 ng	5373190	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Tridecane		184	C13H28	000629-50-5	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025

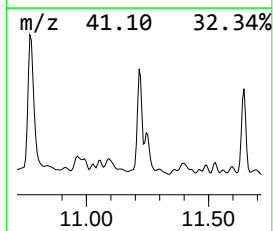
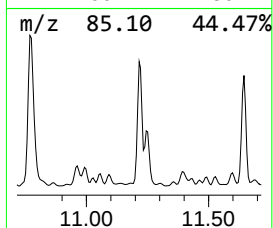
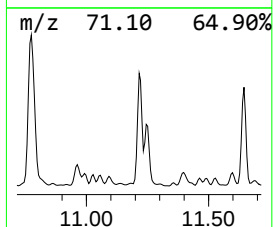
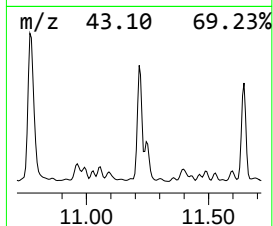
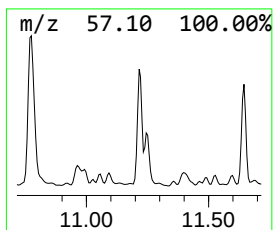
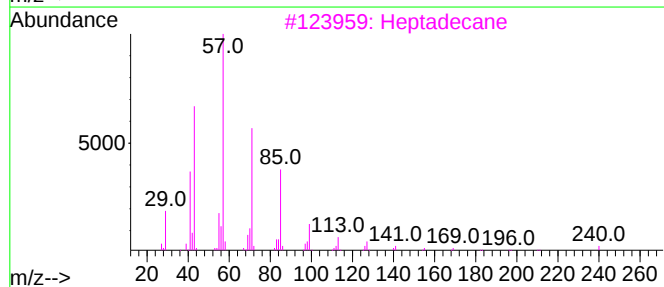
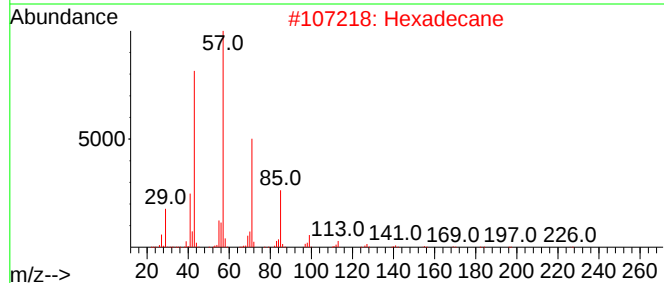
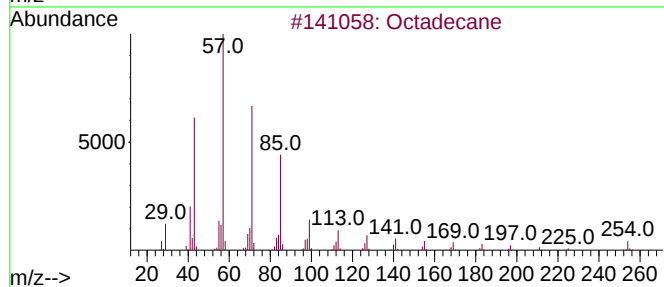
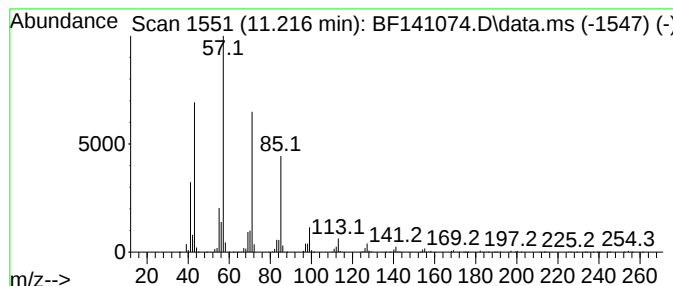
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	38.95 ng	3287750	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	97
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
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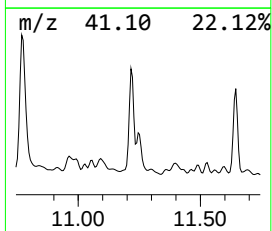
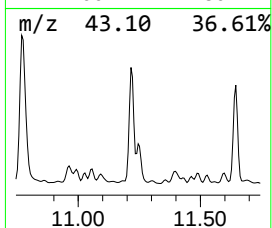
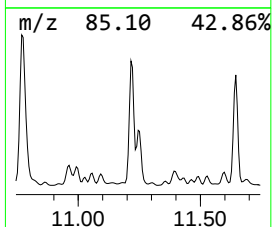
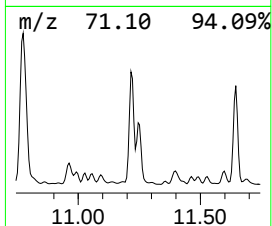
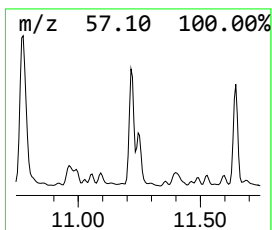
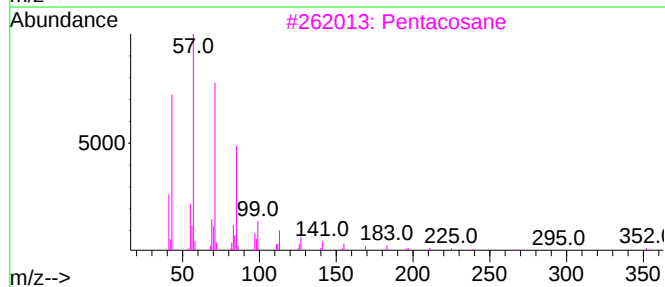
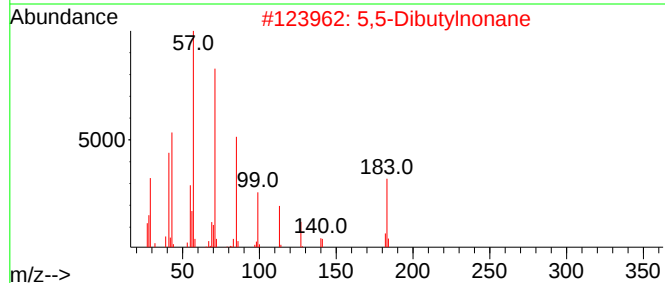
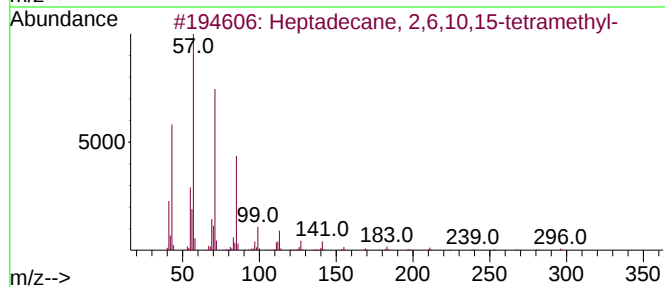
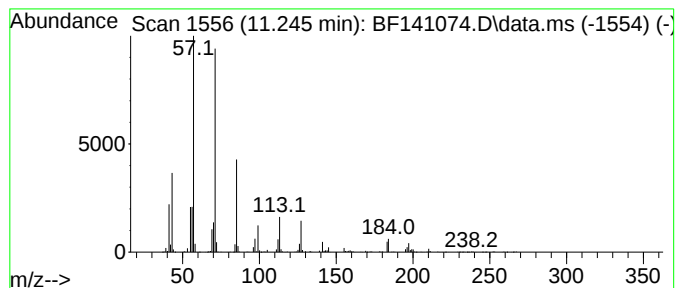
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.245	19.70 ng	1663180	Phenanthrene-d10	11.345	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3	Pentacosane	352	C25H52	000629-99-2	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-1-03-2025

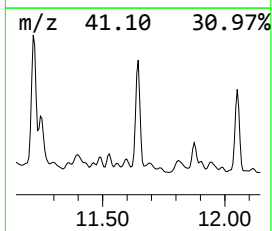
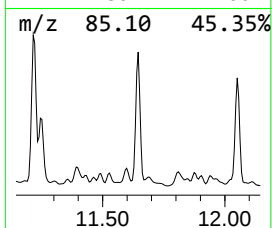
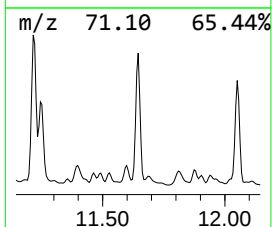
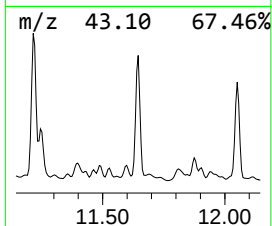
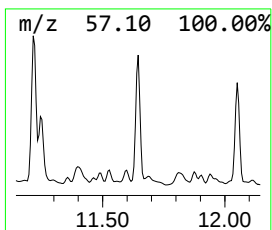
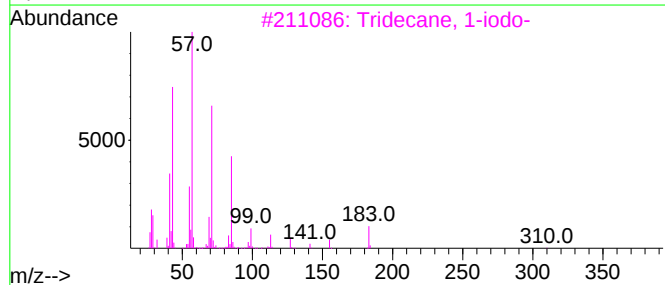
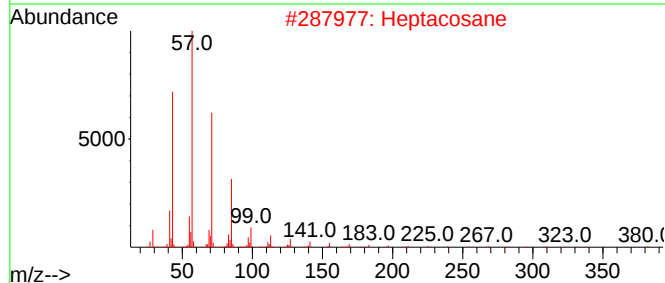
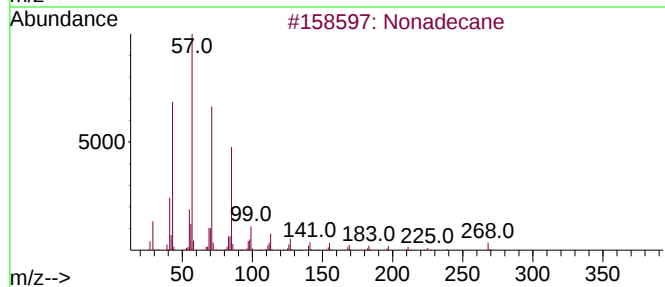
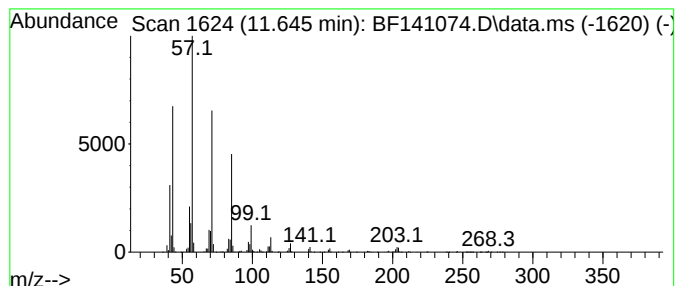
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	32.01 ng	2701760	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
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Misc :
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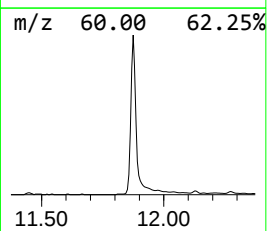
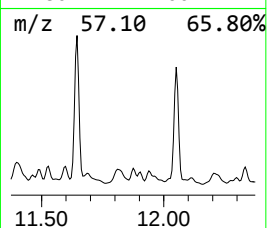
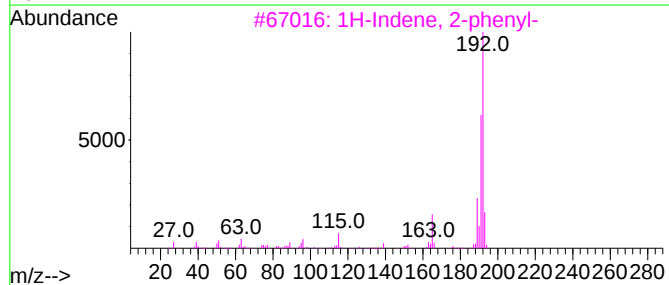
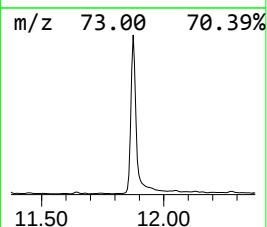
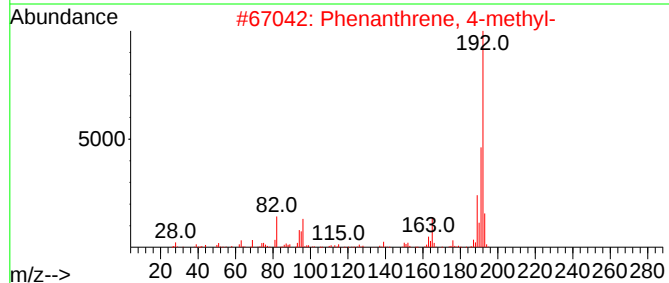
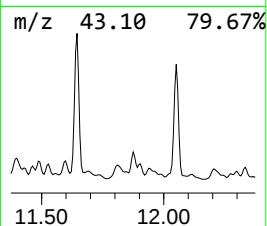
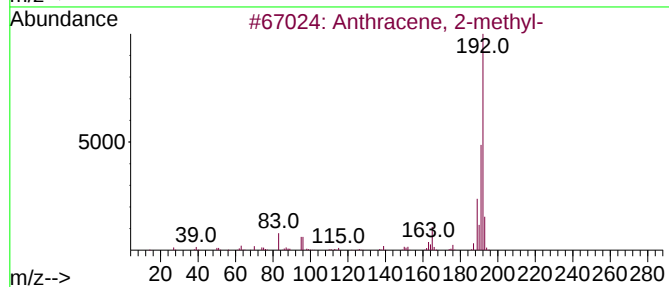
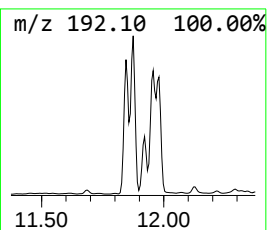
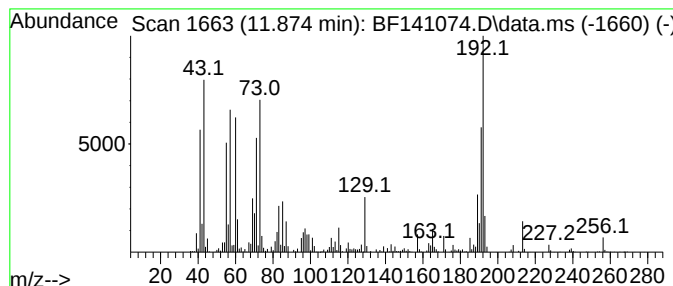
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.874	9.70 ng	818436	Phenanthrene-d10			11.345
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94
2	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	86
3	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	86
4	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	84
5	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

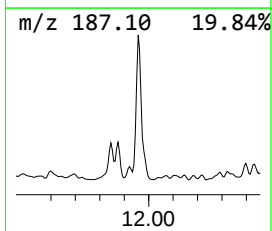
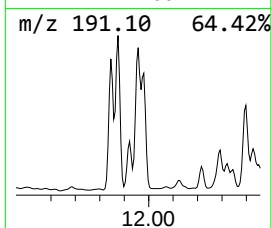
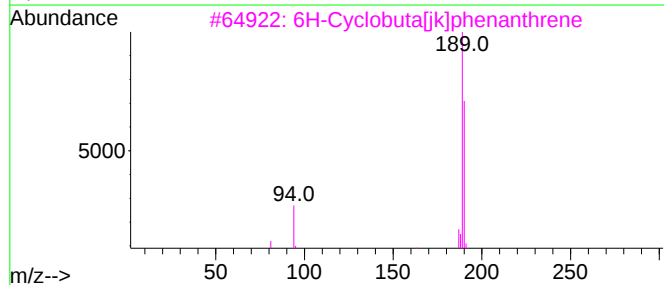
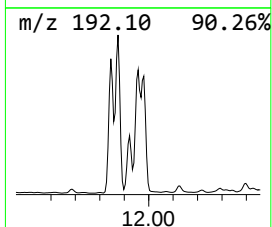
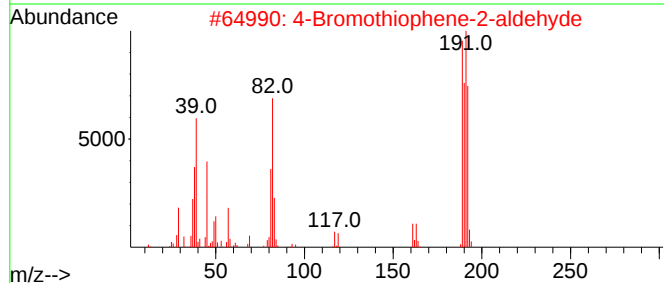
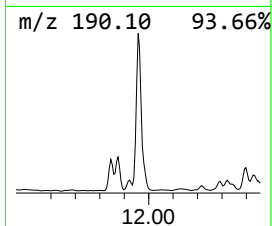
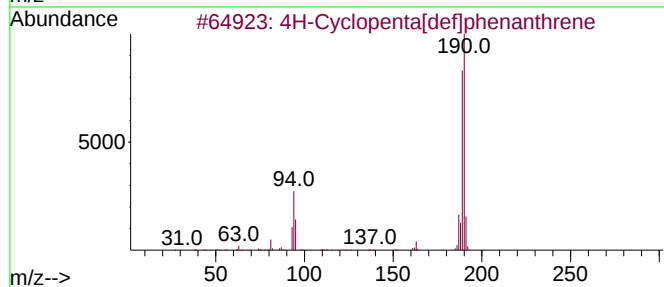
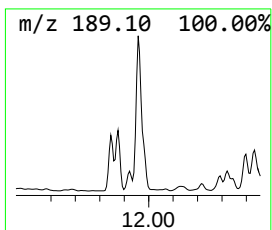
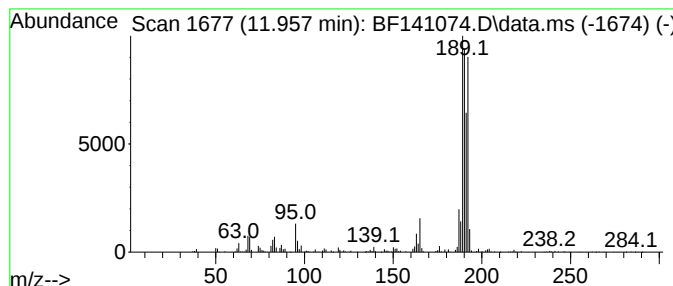
Instrument :
BNA_F
ClientSampleId :
SU-03-1-03-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.957	16.01 ng	1351250	Phenanthrene-d10			11.345
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	60
2	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	58
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	46
5	1-Chloro-4-(2-chloro-2-fluoroeth...		190	C8H5Cl2F	1000305-36-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
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Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

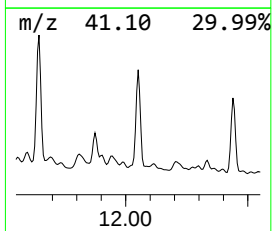
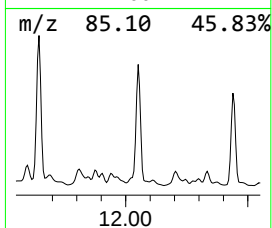
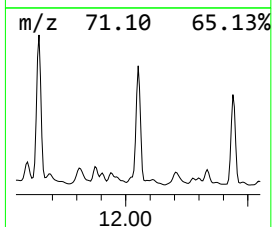
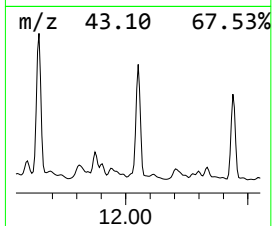
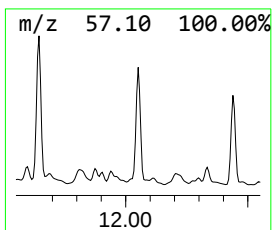
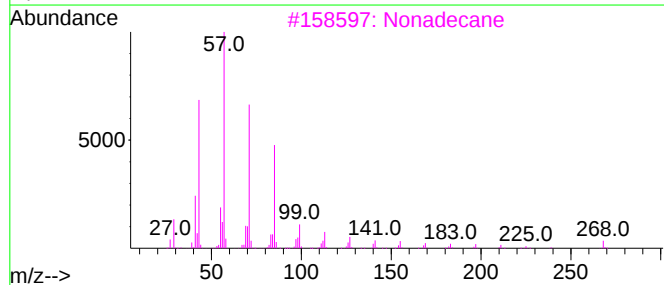
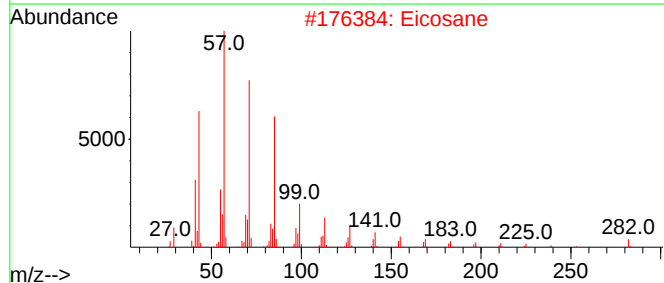
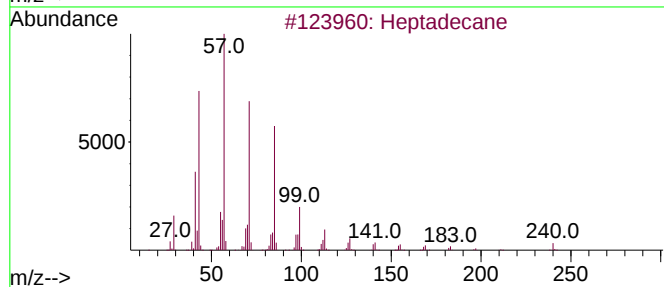
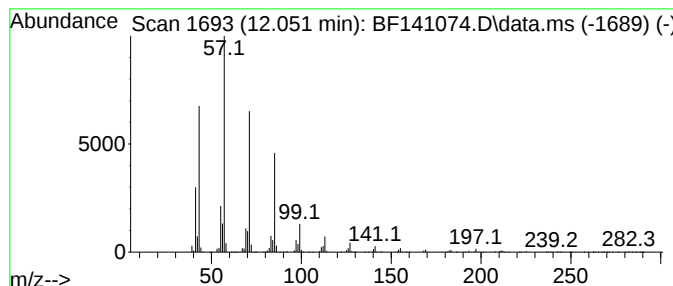
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ClientSampleId :
SU-03-1-03-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.051	28.03 ng	2366290	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Eicosane		282	C20H42	000112-95-8	96
3	Nonadecane		268	C19H40	000629-92-5	91
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

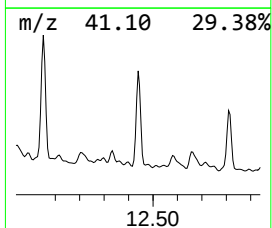
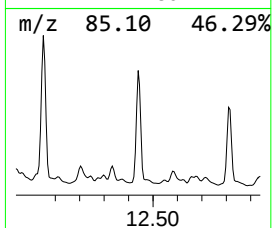
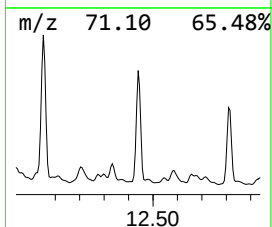
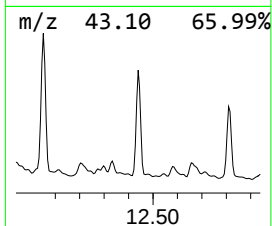
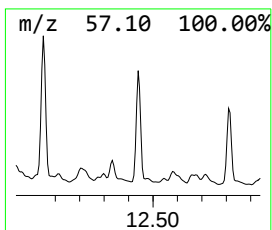
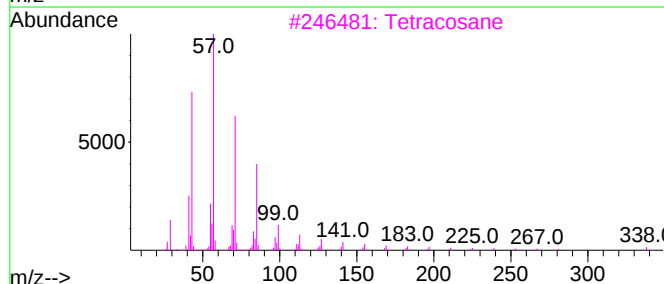
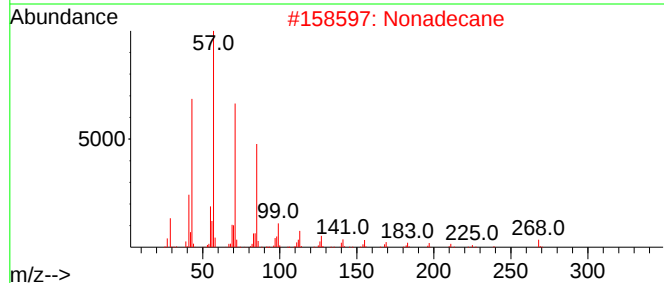
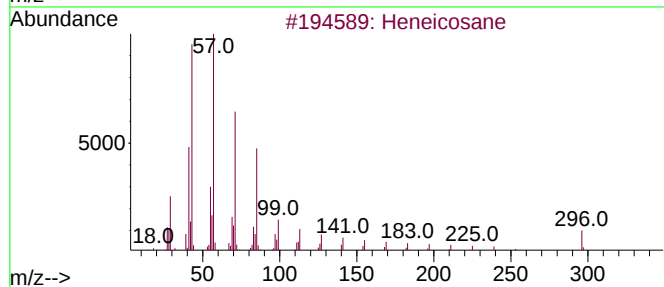
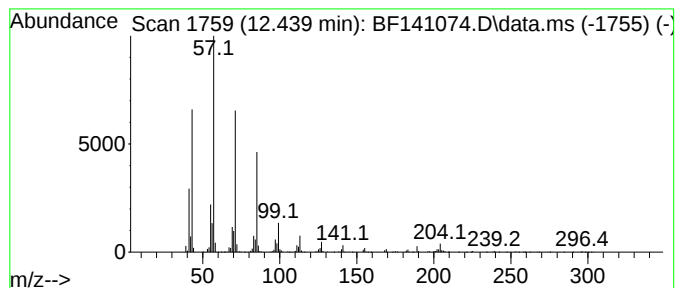
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ClientSampleId :
SU-03-1-03-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.439	22.29 ng	1881520	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Octadecane		254	C18H38	000593-45-3	90
5	Eicosane		282	C20H42	000112-95-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141074.D
Acq On : 06 Jan 2025 14:26
Operator : RC/JU
Sample : Q1009-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

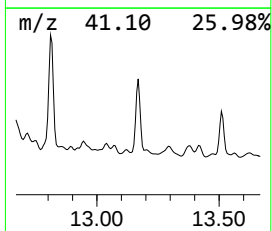
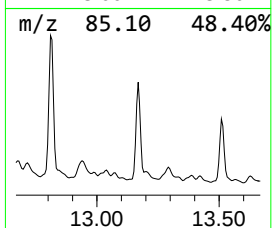
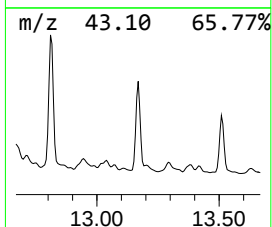
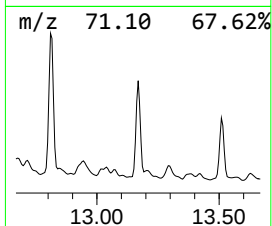
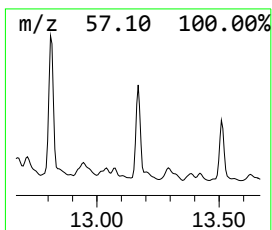
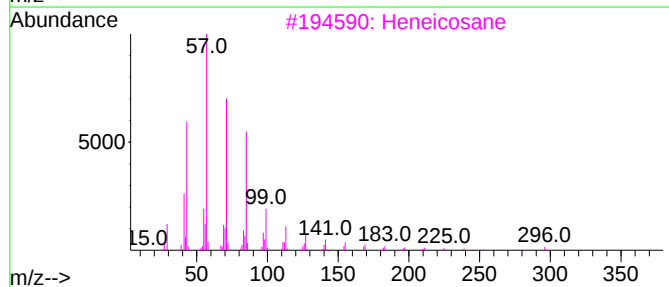
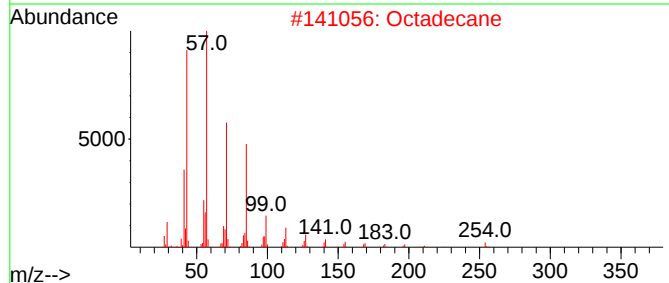
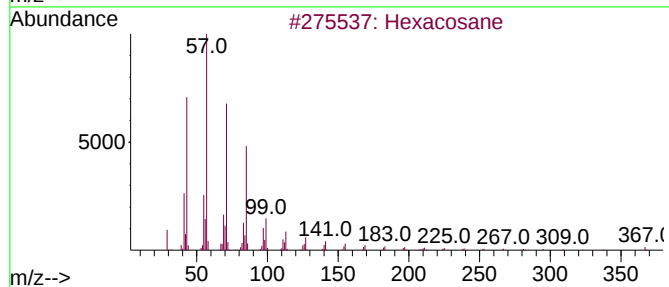
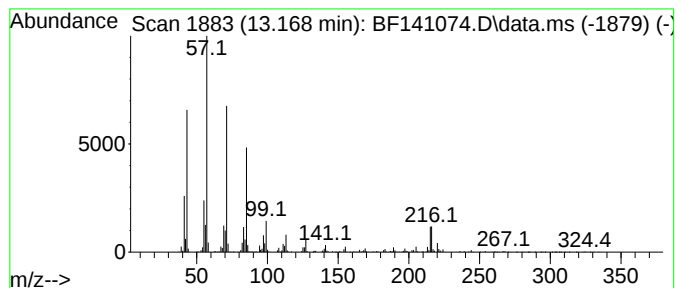
Instrument :
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ClientSampleId :
SU-03-1-03-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.169	8.34 ng	1052610	Chrysene-d12		13.986	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	81
2	Octadecane		254	C18H38	000593-45-3	81
3	Heneicosane		296	C21H44	000629-94-7	76
4	Tetracosane		338	C24H50	000646-31-1	74
5	Nonadecane		268	C19H40	000629-92-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141074.D
 Acq On : 06 Jan 2025 14:26
 Operator : RC/JU
 Sample : Q1009-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-1-03-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecane	8.698	10.8	ng	2726080	2	8.110	5072320	20.0
Dodecane, 4,6-d...	9.128	8.2	ng	953254	3	9.857	2317930	20.0
Tetradecane	9.269	33.2	ng	3847040	3	9.857	2317930	20.0
Naphthalene, 1,...	9.333	7.4	ng	860460	3	9.857	2317930	20.0
Naphthalene, 1,...	9.522	11.9	ng	1381880	3	9.857	2317930	20.0
1-Octadecanesul...	9.586	16.8	ng	1946680	3	9.857	2317930	20.0
unknown9.639	9.639	7.8	ng	902388	3	9.857	2317930	20.0
Pentadecane	9.798	30.4	ng	3521200	3	9.857	2317930	20.0
unknown10.033	10.033	7.4	ng	854850	3	9.857	2317930	20.0
Hexadecane	10.298	32.6	ng	3774980	3	9.857	2317930	20.0
Tridecane, 5-pr...	10.516	17.3	ng	2006890	3	9.857	2317930	20.0
Heneicosane	10.775	63.6	ng	5373190	4	11.345	1688260	20.0
Octadecane	11.216	39.0	ng	3287750	4	11.345	1688260	20.0
Heptadecane, 2,...	11.245	19.7	ng	1663180	4	11.345	1688260	20.0
Nonadecane	11.645	32.0	ng	2701760	4	11.345	1688260	20.0
Anthracene, 2-m...	11.874	9.7	ng	818436	4	11.345	1688260	20.0
4H-Cyclopenta[d...	11.957	16.0	ng	1351250	4	11.345	1688260	20.0
Heptadecane	12.051	28.0	ng	2366290	4	11.345	1688260	20.0
Tetracosane	12.439	22.3	ng	1881520	4	11.345	1688260	20.0
Hexacosane	13.169	8.3	ng	1052610	5	13.986	2523100	20.0