

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141096.D
 Acq On : 08 Jan 2025 20:41
 Operator : RC/JU
 Sample : Q1029-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-01072025

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: BF141096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	559	567	579	rBV	1127476	1545341	13.59%	0.776%
2	5.739	616	620	627	rVB	129778	172878	1.52%	0.087%
3	6.081	672	678	684	rVV3	160937	267260	2.35%	0.134%
4	6.269	705	710	715	rBV2	115407	263424	2.32%	0.132%
5	6.357	722	725	728	rBV2	368797	446612	3.93%	0.224%
6	6.445	733	740	744	rVV2	1090005	1678229	14.75%	0.843%
7	6.516	748	752	757	rVB	218815	310557	2.73%	0.156%
8	6.575	757	762	766	rBV3	175563	354820	3.12%	0.178%
9	6.663	772	777	784	rVB2	1443877	2382865	20.95%	1.197%
10	6.786	790	798	800	rBV3	170525	362424	3.19%	0.182%
11	6.828	800	805	812	rVV3	948307	1693814	14.89%	0.851%
12	6.886	812	815	820	rVB	436643	524723	4.61%	0.264%
13	6.945	820	825	827	rBV3	105148	146265	1.29%	0.073%
14	6.981	827	831	834	rBV3	410191	554196	4.87%	0.278%
15	7.010	834	836	841	rVB	228995	237229	2.09%	0.119%
16	7.104	842	852	855	rBV2	1106299	1974951	17.36%	0.992%
17	7.145	855	859	862	rBV2	768610	1139339	10.02%	0.572%
18	7.222	867	872	876	rBV3	1156446	1581299	13.90%	0.794%
19	7.298	881	885	886	rBV	399902	458549	4.03%	0.230%
20	7.316	886	888	892	rVB	435706	487310	4.28%	0.245%
21	7.363	892	896	899	rBV2	1137531	1946340	17.11%	0.977%
22	7.428	903	907	911	rVB	3055756	3968405	34.89%	1.993%
23	7.481	911	916	919	rBV4	861595	1211417	10.65%	0.608%
24	7.516	919	922	924	rBV2	450931	598187	5.26%	0.300%
25	7.545	924	927	931	rVV3	456240	711244	6.25%	0.357%
26	7.633	932	942	947	rVB3	1357907	3239289	28.48%	1.627%
27	7.739	952	960	961	rBV2	1046733	2177723	19.15%	1.094%
28	7.798	966	970	973	rVB3	1093654	1617873	14.22%	0.813%
29	7.857	973	980	986	rBV7	1571127	4925165	43.30%	2.474%
30	7.910	986	989	991	rVV2	688557	815446	7.17%	0.410%
31	7.951	994	996	999	rVB	1079455	1105432	9.72%	0.555%
32	7.986	999	1002	1005	rVB	512699	518532	4.56%	0.260%
33	8.016	1005	1007	1011	rBV2	474909	520261	4.57%	0.261%
34	8.098	1011	1021	1026	rBV2	5944295	11374086	100.00%	5.712%
35	8.175	1030	1034	1037	rVB2	1728682	2453194	21.57%	1.232%
36	8.204	1037	1039	1046	rVB4	875563	1368739	12.03%	0.687%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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	8.286	1046	1053	1054	rBV3	803026	1455575	12.80%	0.731%
38	8.310	1054	1057	1061	rVB2	1348016	1706766	15.01%	0.857%
39	8.357	1061	1065	1068	rBV4	690803	999177	8.78%	0.502%
40	8.404	1068	1073	1080	rBV7	1907484	3722940	32.73%	1.870%
41	8.463	1080	1083	1085	rVV3	1184357	1300479	11.43%	0.653%
42	8.492	1085	1088	1092	rVV3	1779309	2242745	19.72%	1.126%
43	8.533	1092	1095	1101	rVV2	1931887	3117930	27.41%	1.566%
44	8.616	1105	1109	1113	rBV2	2918263	3836345	33.73%	1.927%
45	8.710	1120	1125	1129	rBV	5651100	8004803	70.38%	4.020%
46	8.769	1133	1135	1138	rVB	821499	1015023	8.92%	0.510%
47	8.863	1148	1151	1154	rBV2	554097	826272	7.26%	0.415%
48	8.939	1159	1164	1168	rVV4	2311417	3671601	32.28%	1.844%
49	9.139	1195	1198	1203	rVB2	1937598	2875389	25.28%	1.444%
50	9.186	1203	1206	1210	rVB4	898101	1097466	9.65%	0.551%
51	9.275	1216	1221	1225	rBV	6171931	9106784	80.07%	4.574%
52	9.339	1229	1232	1239	rVB	1682483	2663868	23.42%	1.338%
53	9.527	1257	1264	1266	rBV5	1775368	4035877	35.48%	2.027%
54	9.592	1270	1275	1277	rBV4	2743299	4375451	38.47%	2.197%
55	9.651	1282	1285	1288	rVB2	1795816	2139756	18.81%	1.075%
56	9.804	1307	1311	1315	rVB	5442589	7159076	62.94%	3.595%
57	9.863	1315	1321	1325	rVB6	1240153	2604407	22.90%	1.308%
58	9.974	1337	1340	1344	rVB	793158	973177	8.56%	0.489%
59	10.039	1346	1351	1353	rBV2	1441521	2654076	23.33%	1.333%
60	10.122	1362	1365	1369	rBV6	1408828	1832710	16.11%	0.920%
61	10.304	1391	1396	1403	rBV	5693516	8643813	76.00%	4.341%
62	10.522	1428	1433	1439	rBV	2739100	4671785	41.07%	2.346%
63	10.610	1445	1448	1450	rBV2	841562	1012487	8.90%	0.508%
64	10.639	1451	1453	1458	rVB2	1346226	1680932	14.78%	0.844%
65	10.780	1472	1477	1485	rBV	6039952	10598156	93.18%	5.323%
66	10.969	1506	1509	1511	rBV2	776512	1100007	9.67%	0.552%
67	11.227	1549	1553	1556	rBV	5224407	7294205	64.13%	3.663%
68	11.257	1556	1558	1564	rVB	2756379	3256821	28.63%	1.636%
69	11.357	1572	1575	1579	rBV2	668543	945618	8.31%	0.475%
70	11.533	1602	1605	1608	rBV	711871	776583	6.83%	0.390%
71	11.657	1621	1626	1630	rBV	4652940	6458500	56.78%	3.244%
72	12.063	1690	1695	1702	rVB	4333385	5985512	52.62%	3.006%
73	12.339	1739	1742	1746	rVB	652746	750900	6.60%	0.377%
74	12.445	1756	1760	1765	rVB	3579624	4618851	40.61%	2.320%
75	12.815	1820	1823	1828	rVB	2642801	3362194	29.56%	1.689%
76	12.933	1840	1843	1855	rVB2	1212395	2056316	18.08%	1.033%

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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	13.174	1880	1884	1889	rVB	1800044	2244856	19.74%	1.127%
78	13.421	1923	1926	1933	rVB	512874	695451	6.11%	0.349%
79	13.515	1938	1942	1949	rVB	1116951	1412393	12.42%	0.709%
80	13.845	1994	1998	2008	rVB	655612	1065996	9.37%	0.535%
81	13.986	2018	2022	2029	rVB	698764	918555	8.08%	0.461%
82	14.162	2049	2052	2060	rVB	355575	490037	4.31%	0.246%
83	15.451	2268	2271	2276	rVB	397808	526041	4.62%	0.264%

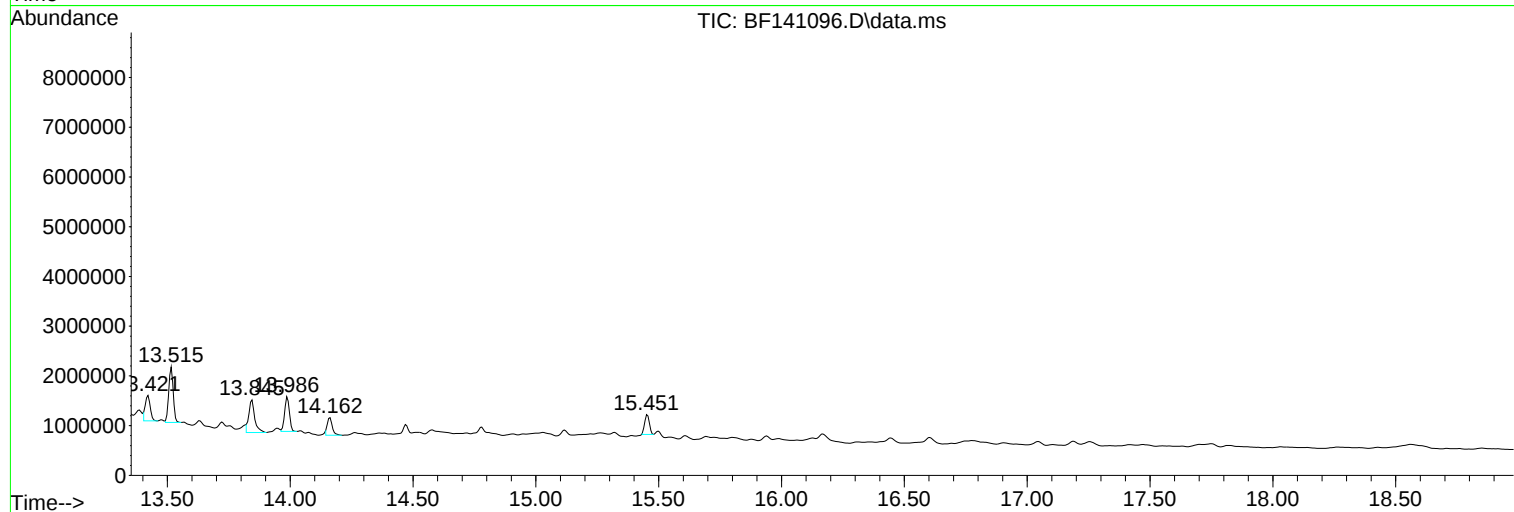
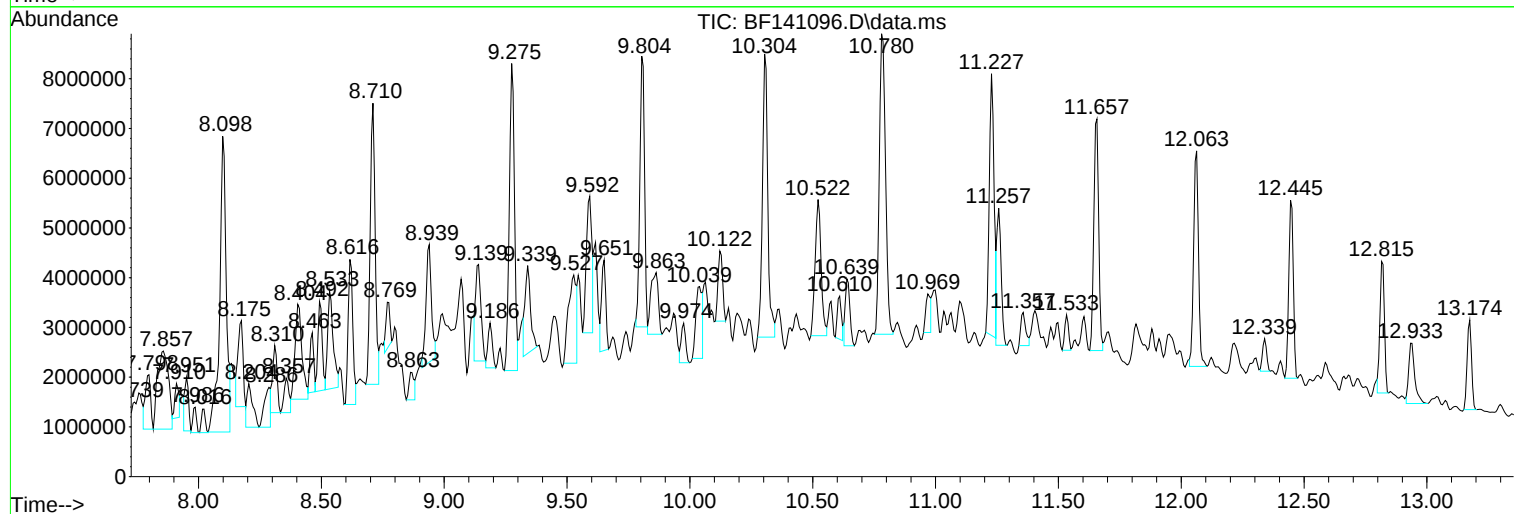
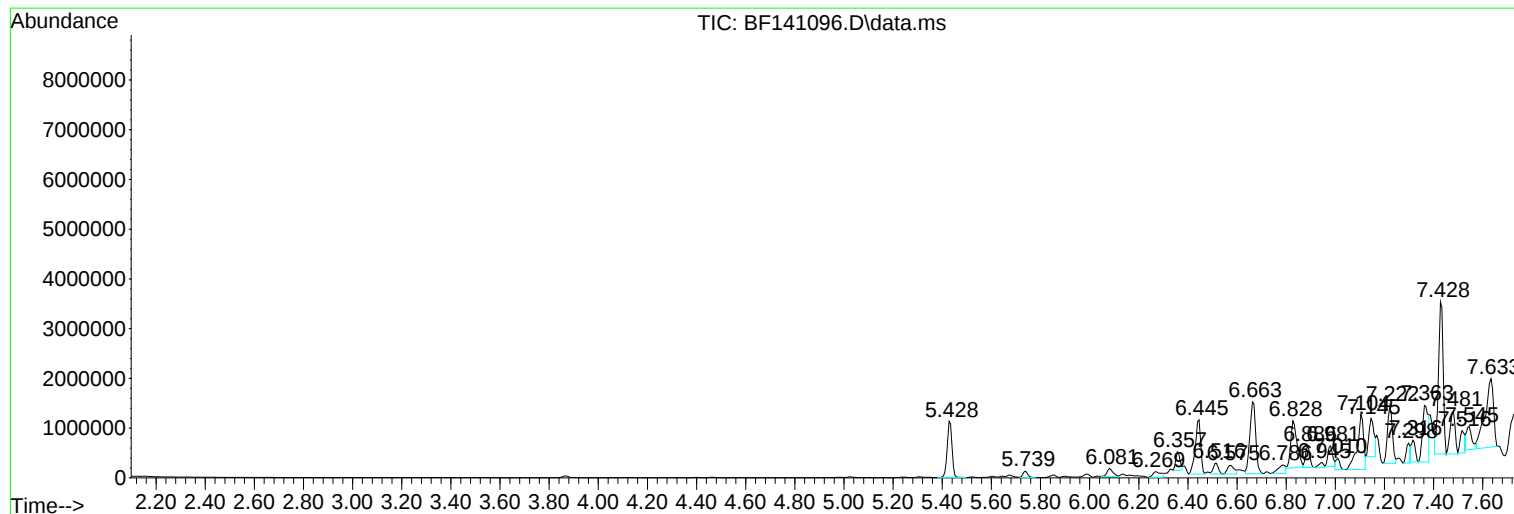
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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



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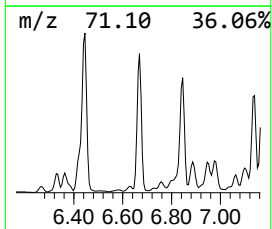
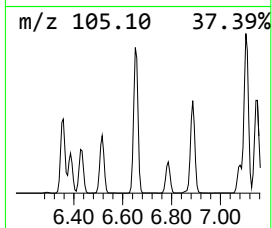
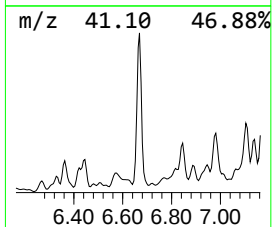
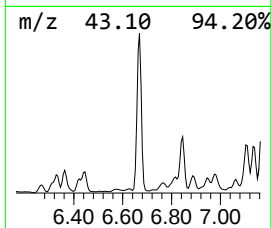
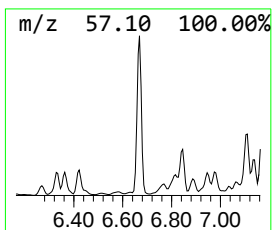
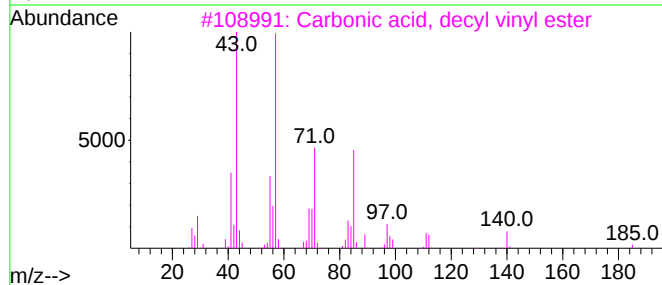
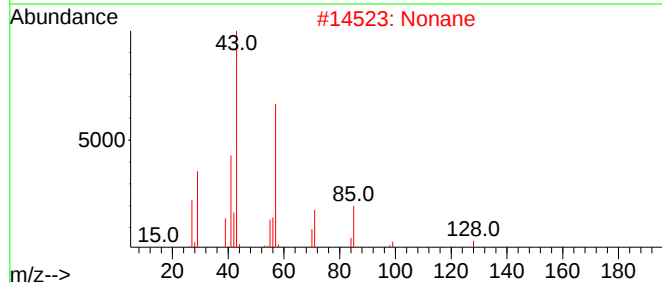
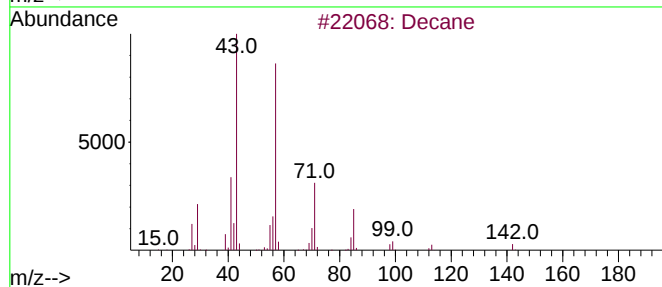
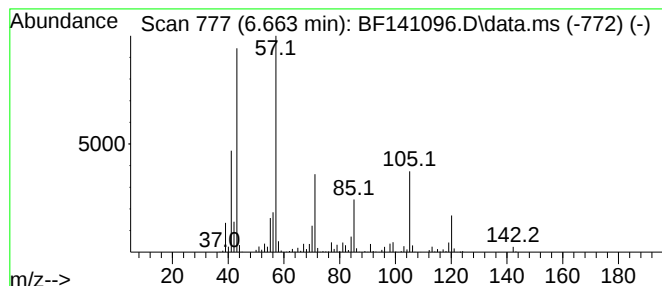
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	28.14 ng	2382870	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	60
2			Nonane	128	C9H20	000111-84-2	52
3			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	50
4			Hexatriacontane	507	C36H74	000630-06-8	50
5			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	50



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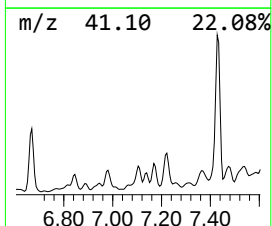
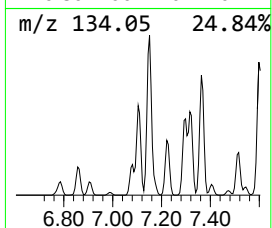
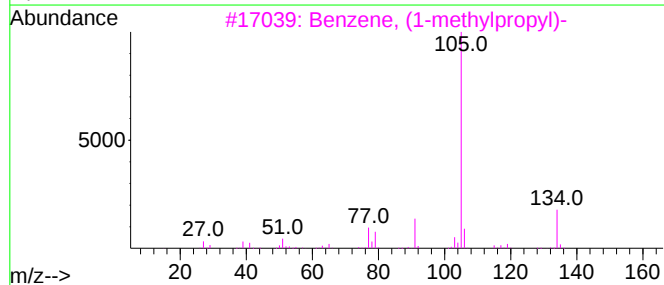
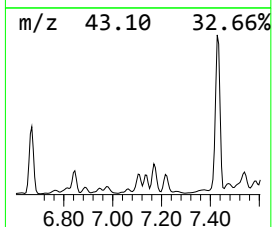
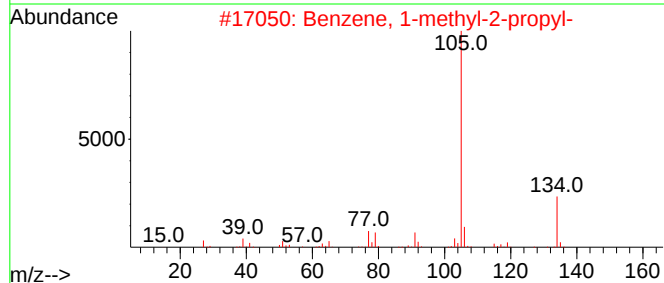
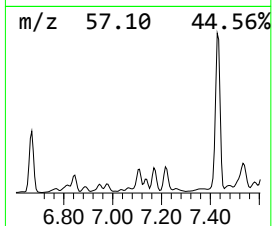
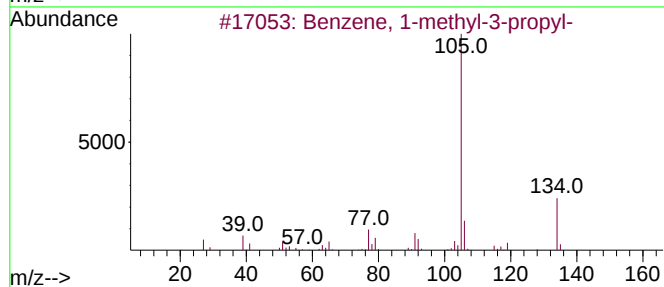
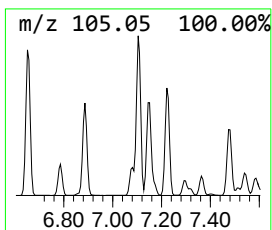
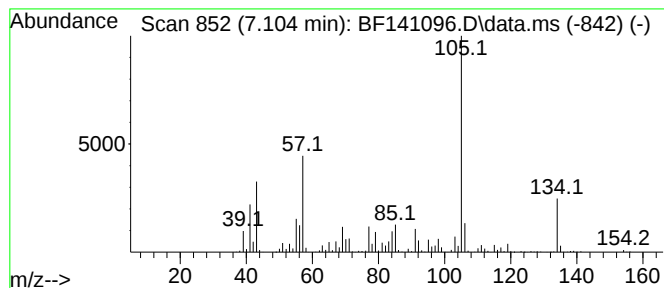
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	23.32 ng	1974950	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49



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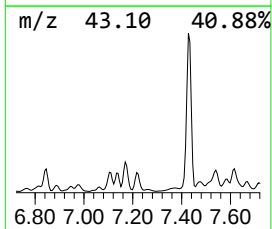
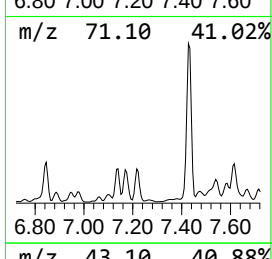
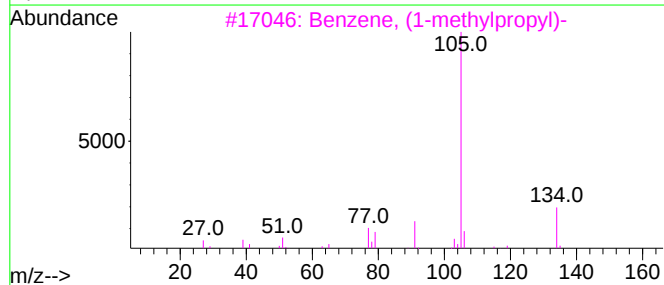
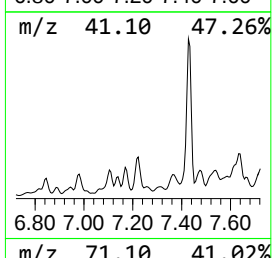
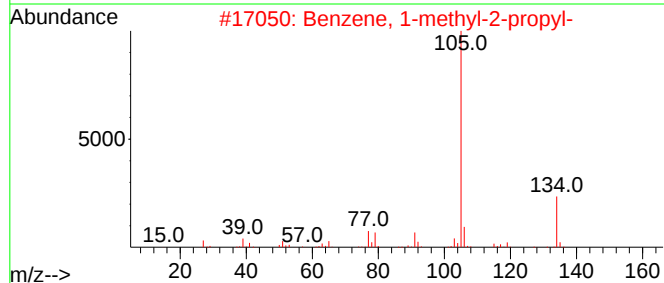
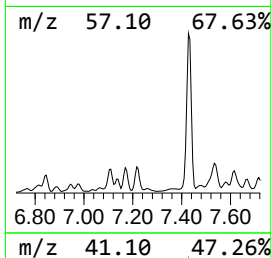
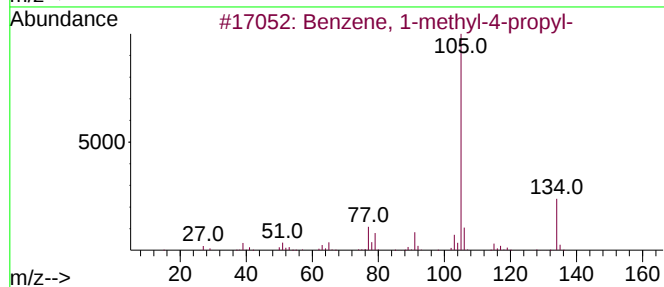
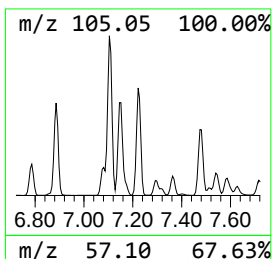
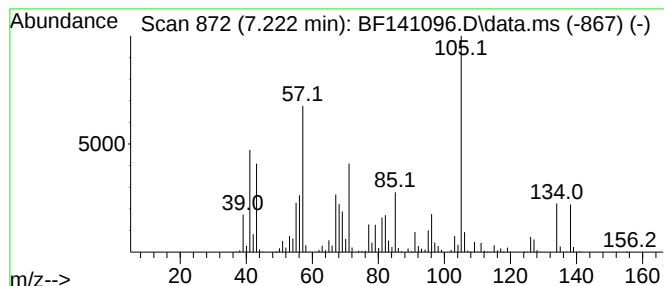
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.222	18.67 ng	1581300	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
4			Decane, 3-methyl-	156	C11H24	013151-34-3	25
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25



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HR-01-01072025

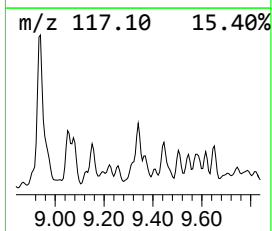
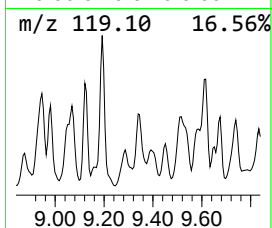
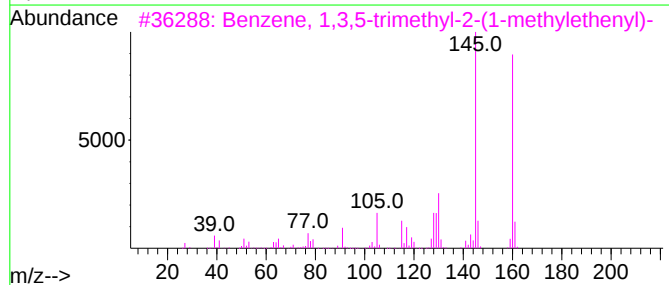
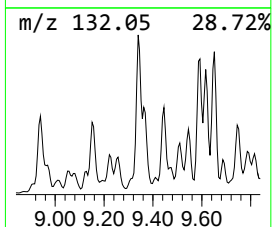
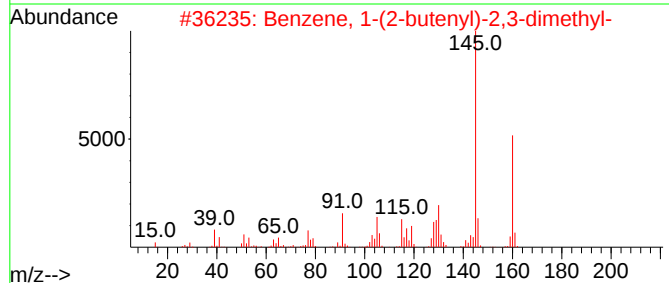
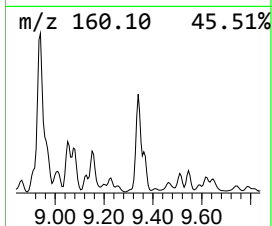
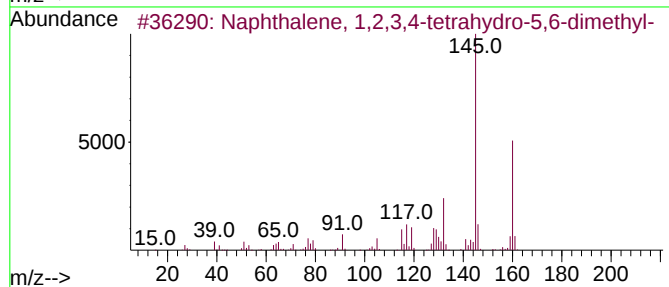
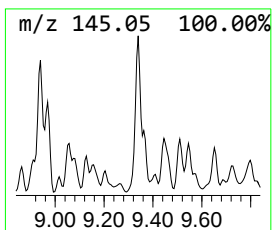
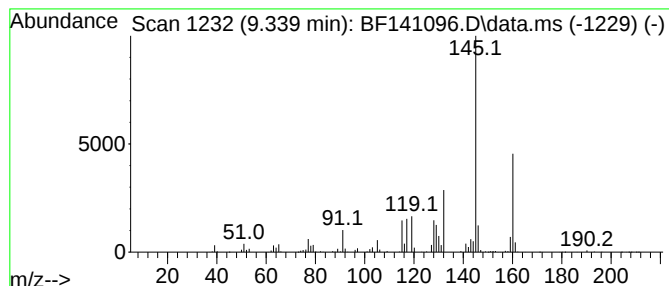
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	20.46 ng	2663870	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	93
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-01072025

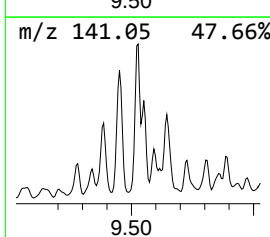
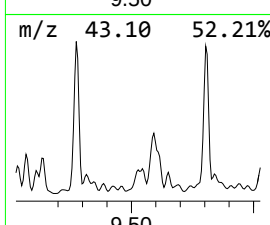
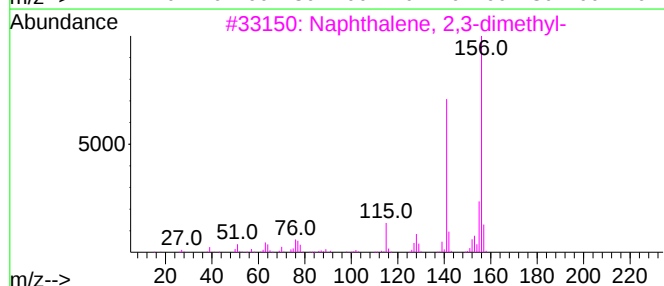
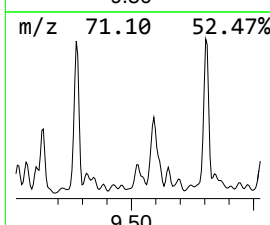
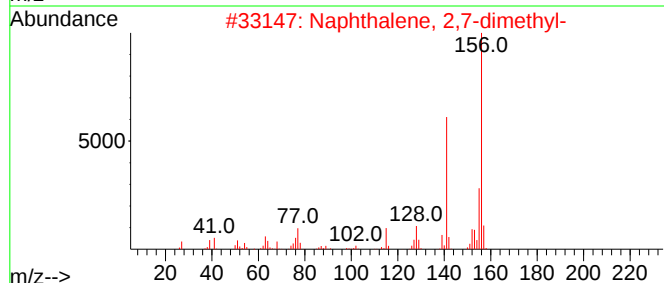
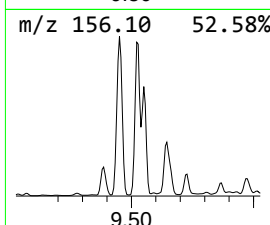
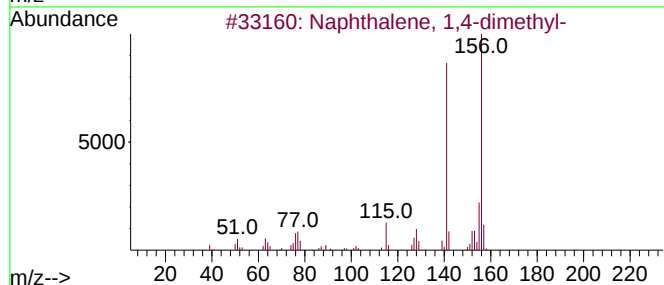
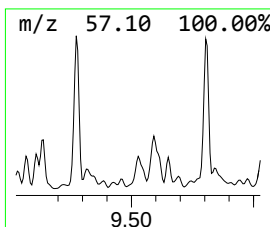
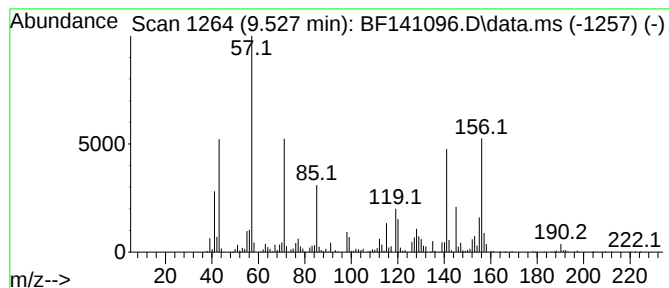
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.527	30.99 ng	4035880	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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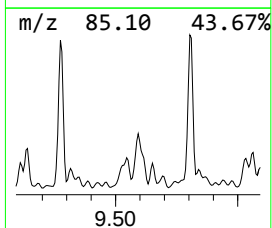
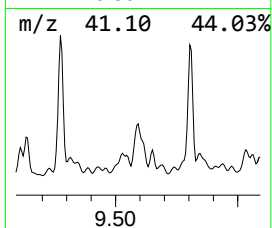
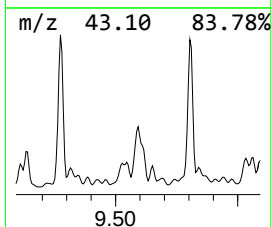
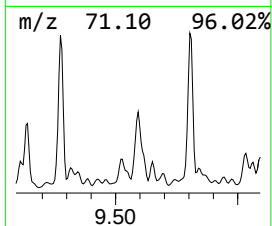
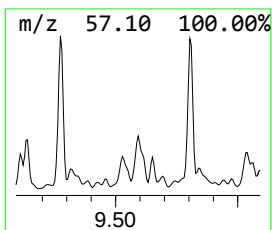
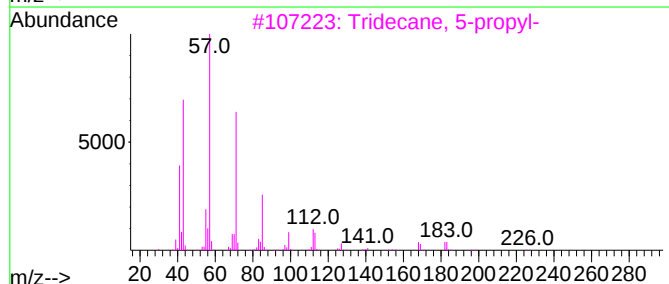
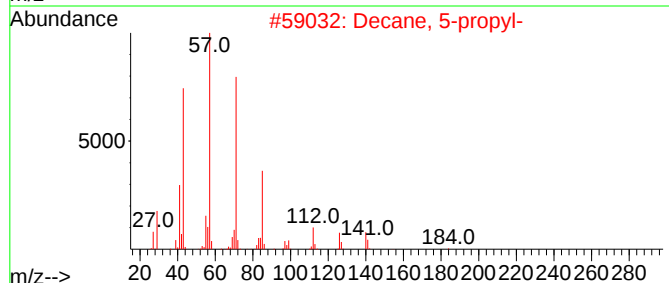
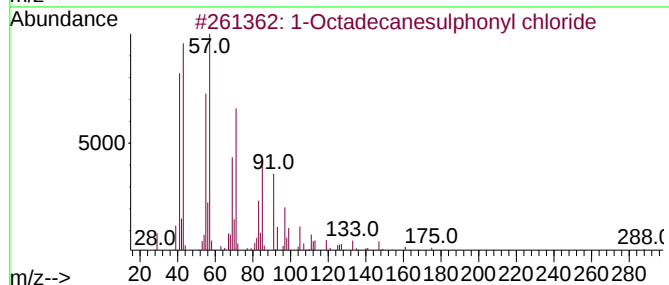
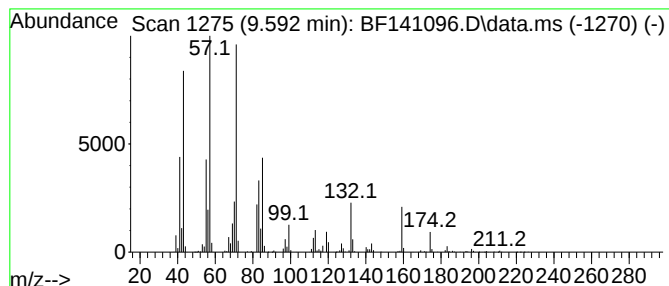
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Octadecanesulphonyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	33.60 ng	4375450	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
2			Decane, 5-propyl-	184	C13H28	017312-62-8	60
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	53
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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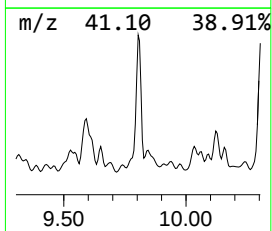
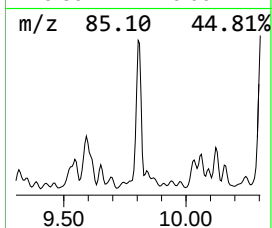
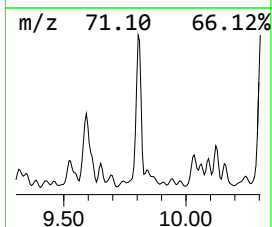
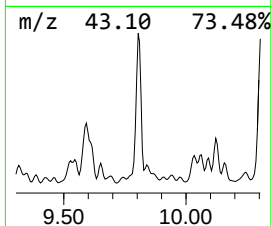
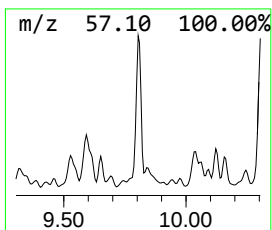
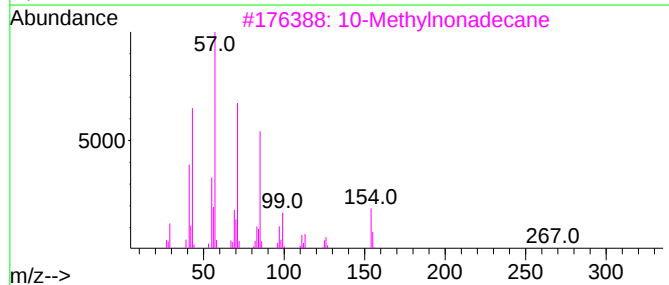
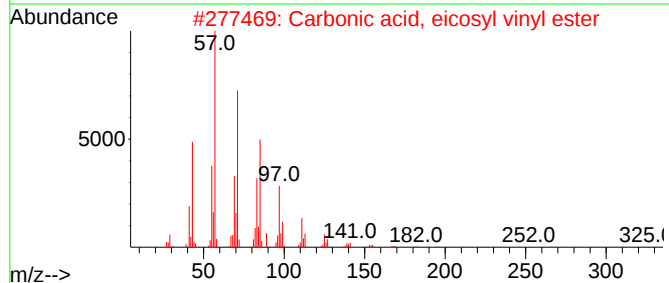
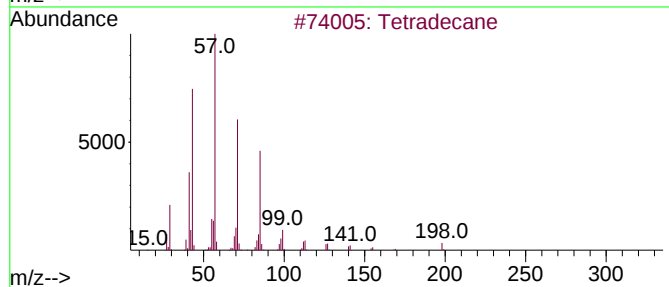
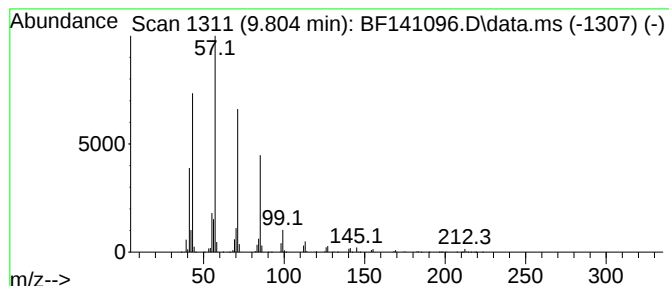
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	54.98 ng	7159080	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3			10-Methylnonadecane	282	C20H42	056862-62-5	83
4			Hexadecane	226	C16H34	000544-76-3	80
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
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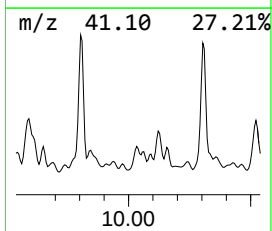
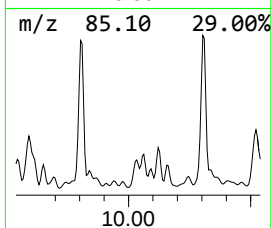
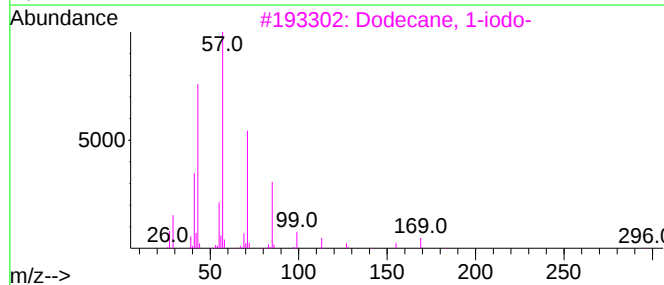
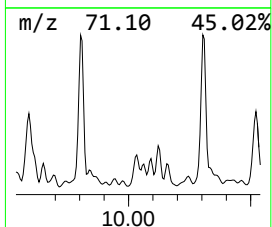
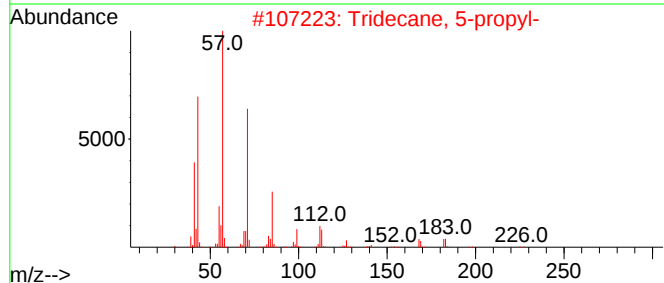
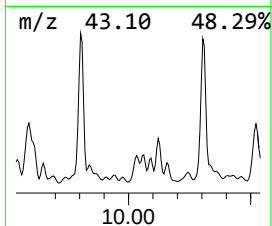
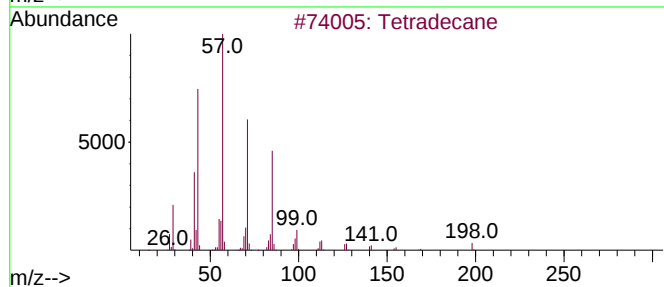
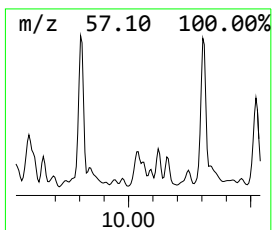
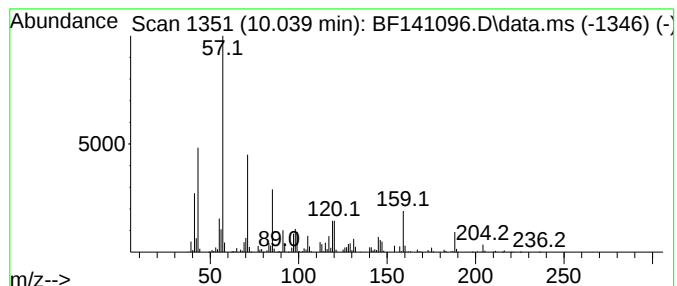
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.039 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	20.38 ng	2654080	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	46
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	46
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
5			Heptacosane	380	C27H56	000593-49-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
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ClientSampleId :
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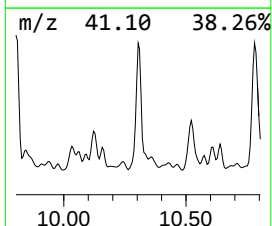
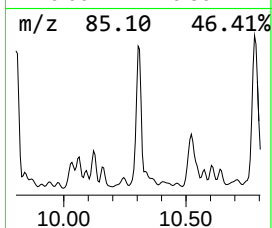
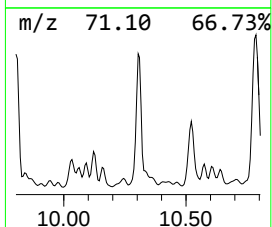
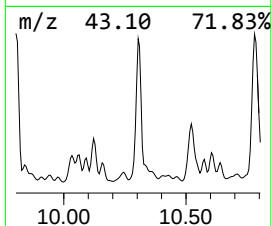
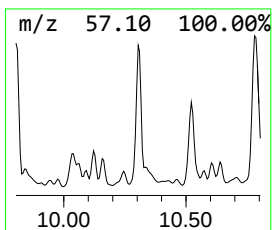
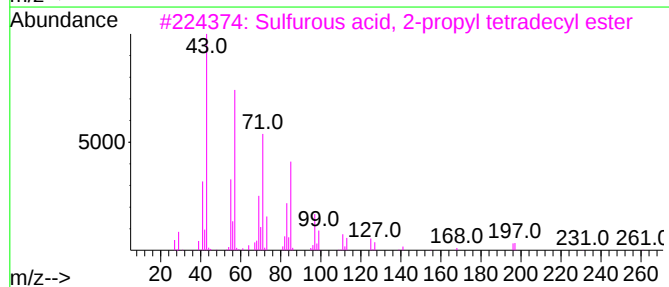
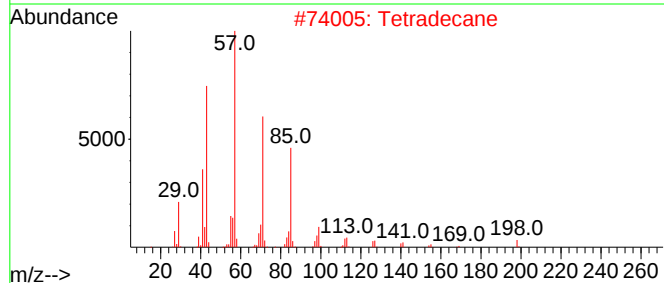
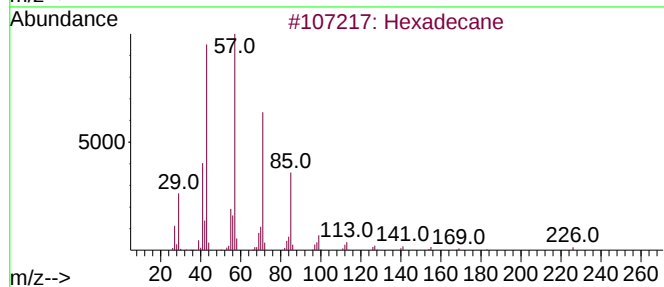
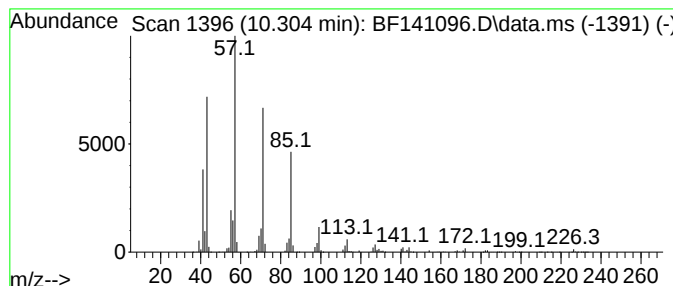
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	66.38 ng	8643810	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Tetradecane	198	C14H30	000629-59-4	91
3			Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1010309-12-5	90
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
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Misc :
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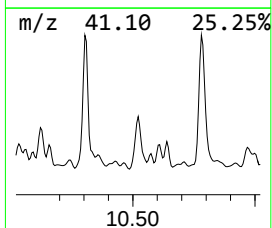
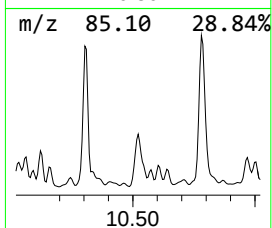
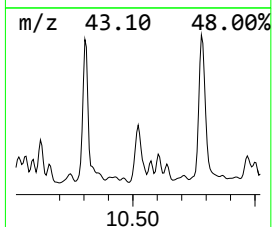
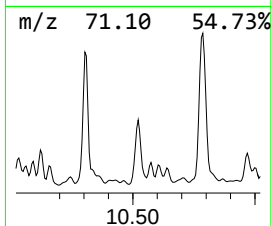
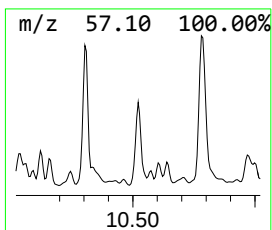
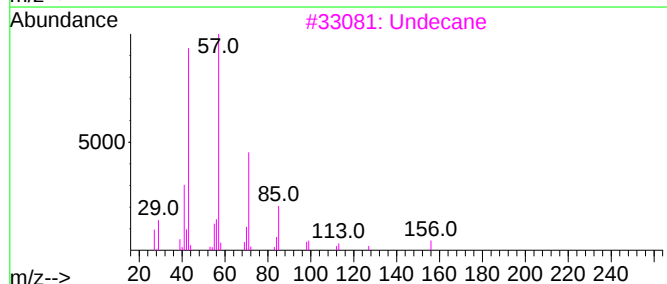
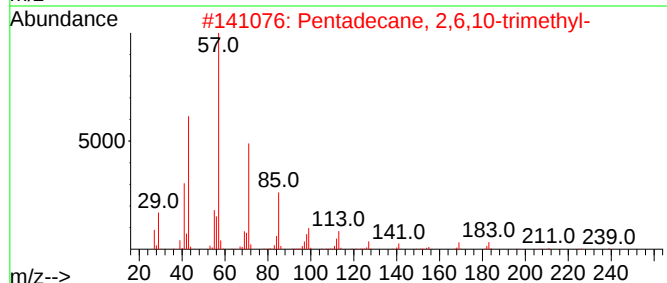
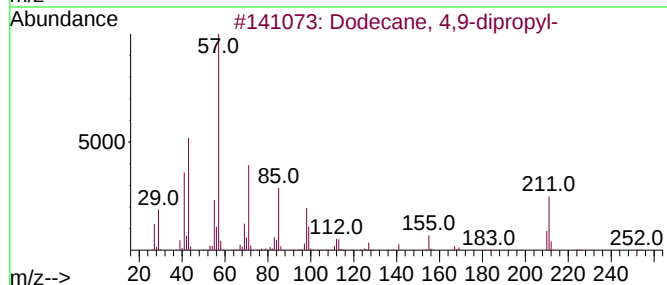
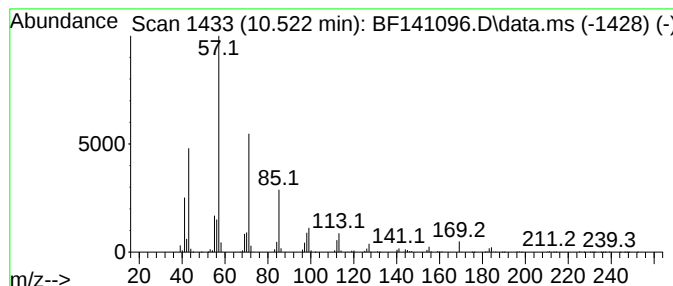
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 4,9-dipropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.522	35.88 ng	4671790	Acenaphthene-d10		9.869	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	90
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3		Undecane	156	C11H24	001120-21-4	87
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-01072025

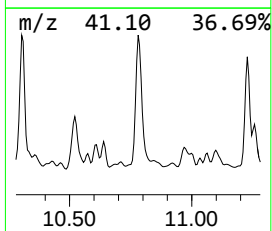
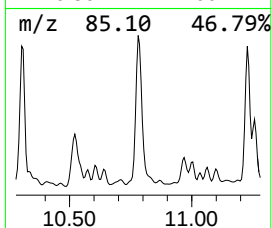
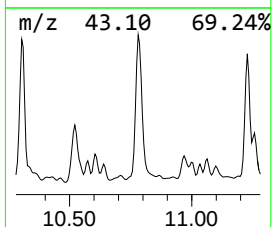
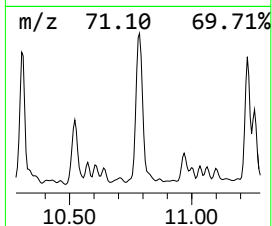
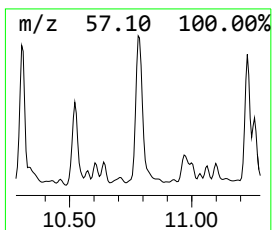
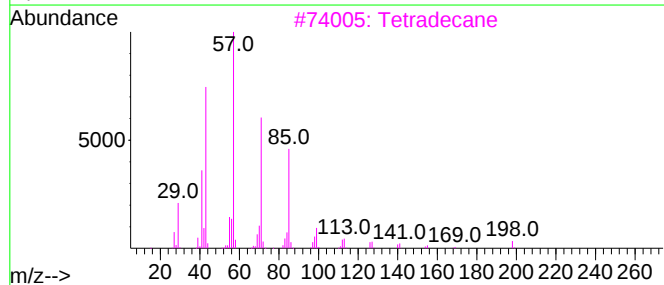
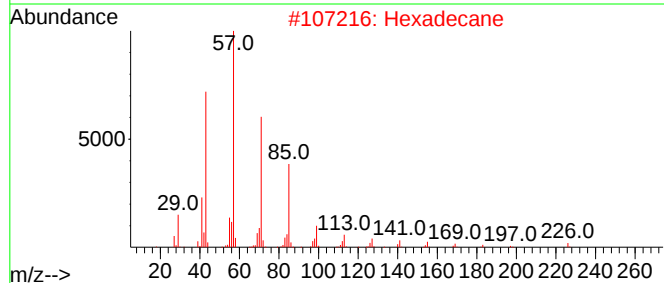
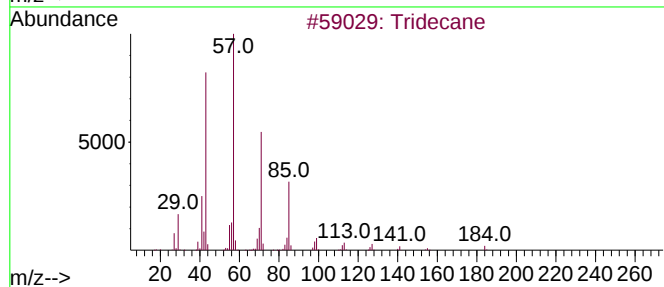
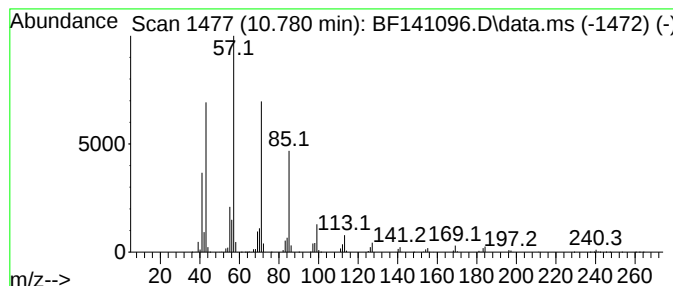
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	224.15 ng	10598200	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	90
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
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ClientSampleId :
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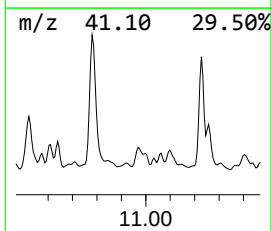
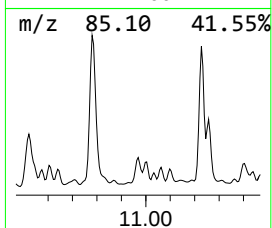
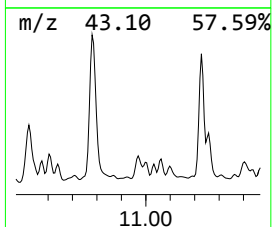
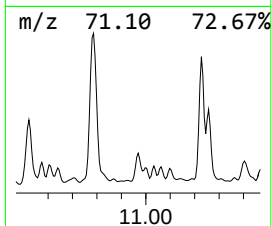
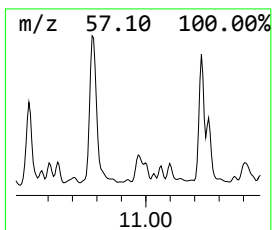
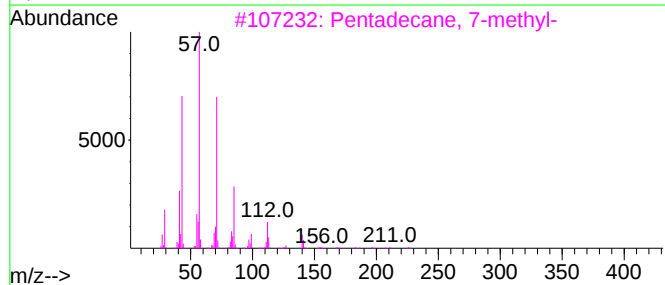
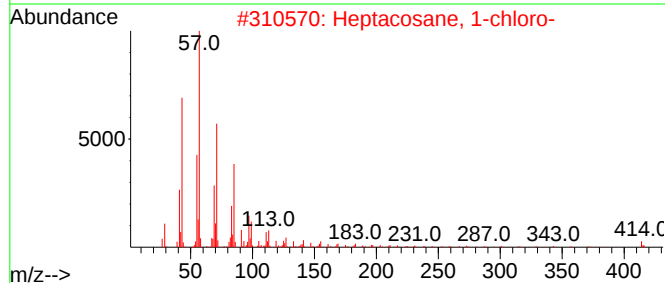
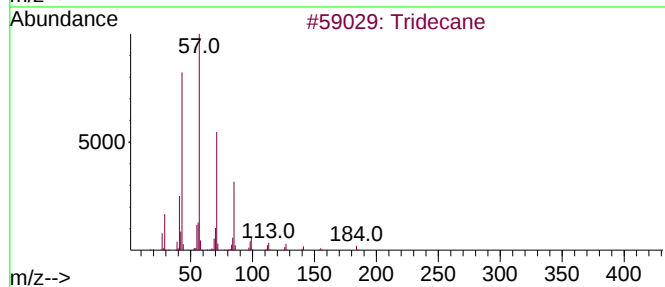
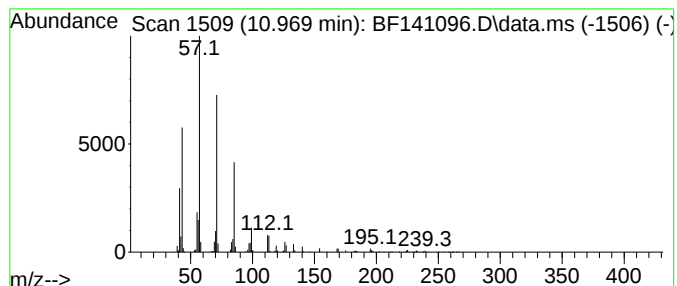
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptacosane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	23.27 ng	1100010	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
4			Hexadecane	226	C16H34	000544-76-3	76
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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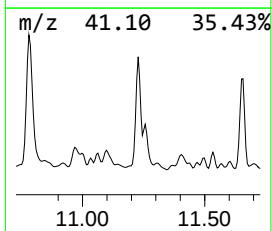
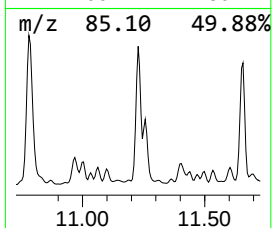
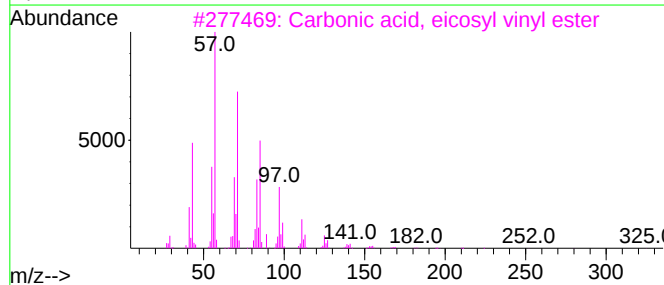
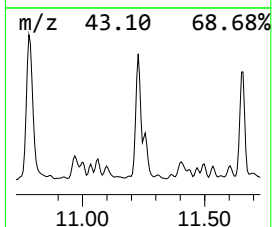
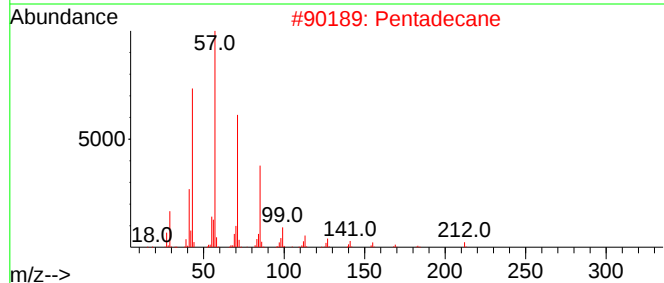
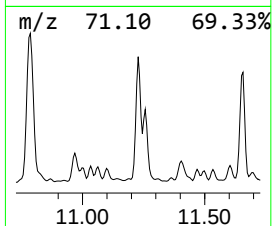
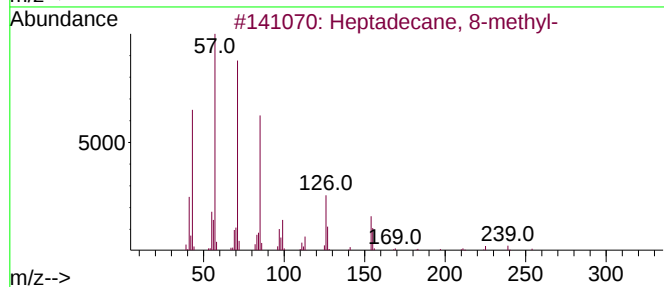
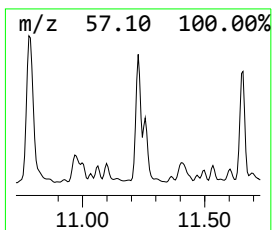
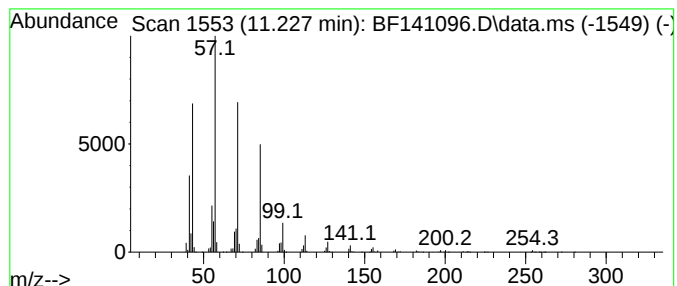
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 8-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	154.27 ng	7294210	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2			Pentadecane	212	C15H32	000629-62-9	91
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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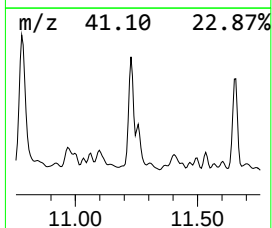
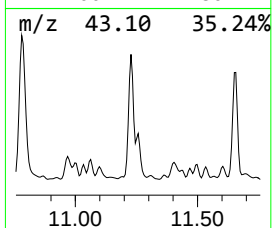
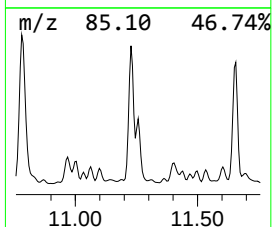
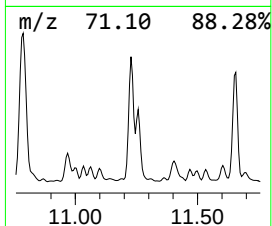
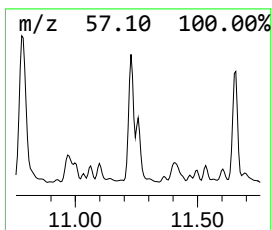
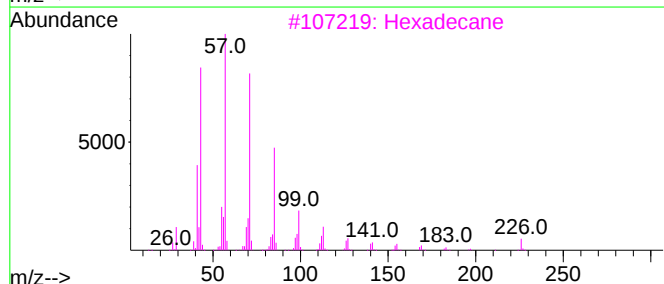
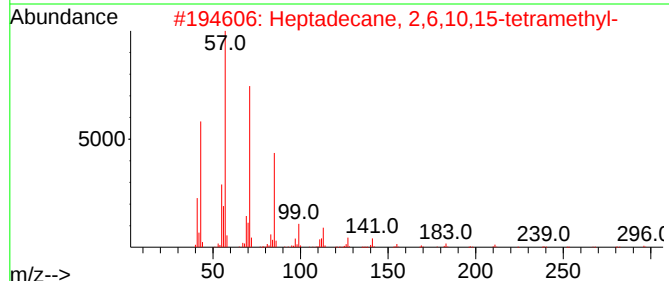
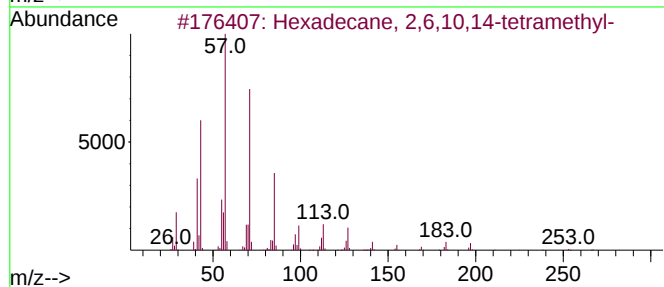
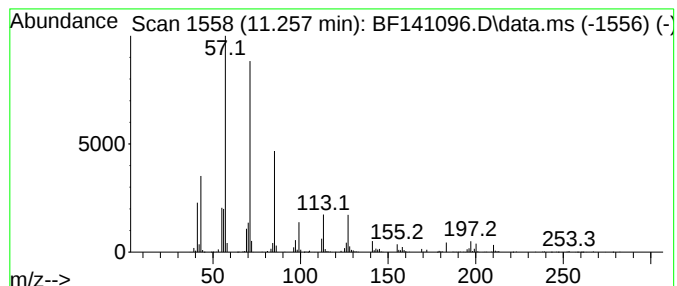
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	68.88 ng	3256820	Phenanthrene-d10	11.351

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Hexadecane	226	C16H34	000544-76-3	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
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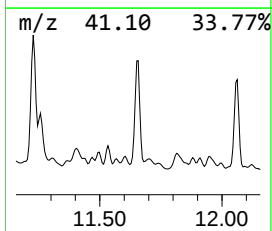
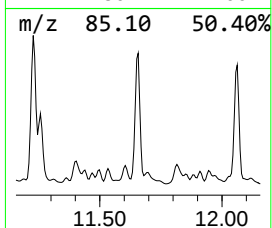
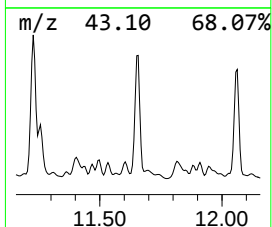
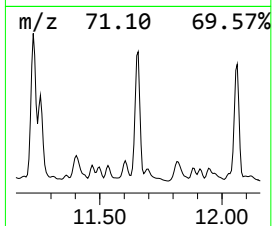
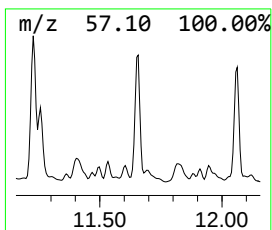
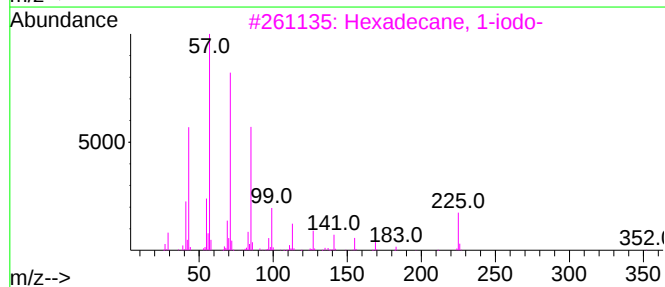
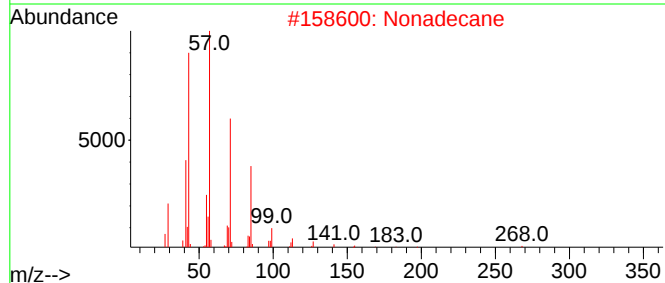
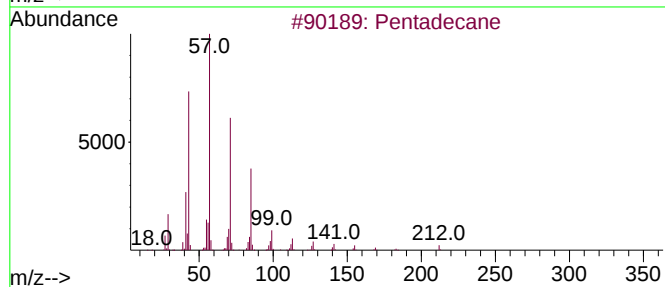
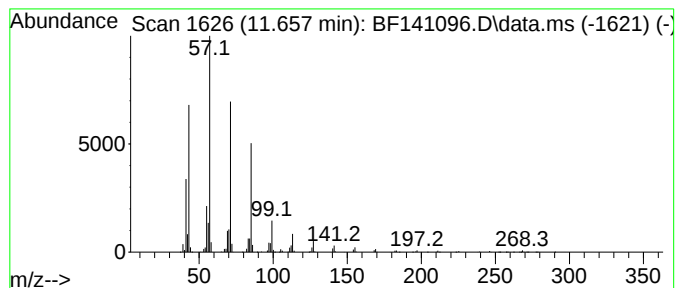
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	136.60 ng	6458500	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
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ClientSampleId :
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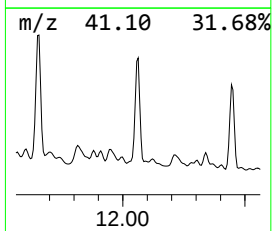
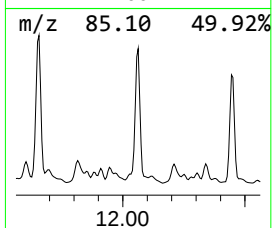
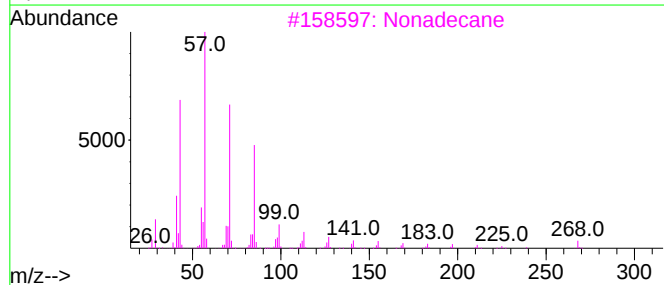
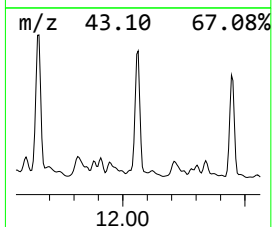
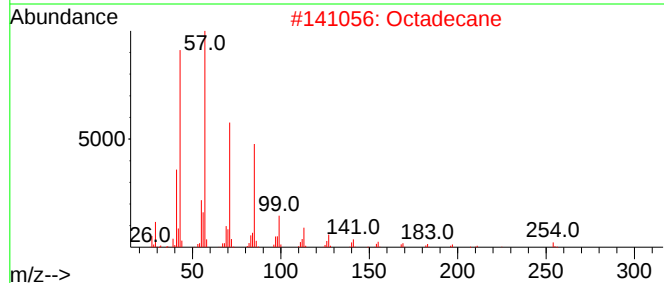
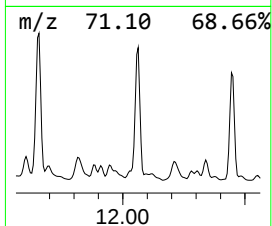
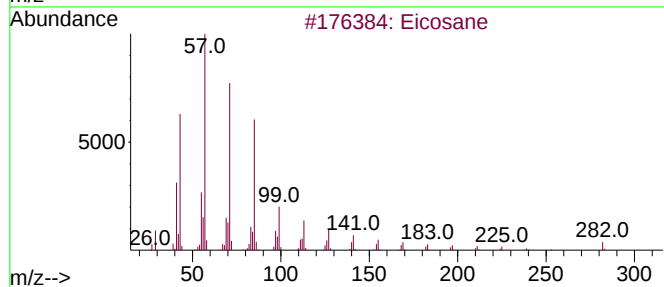
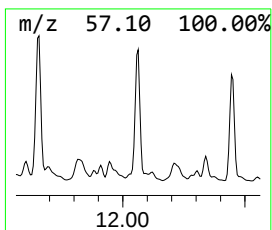
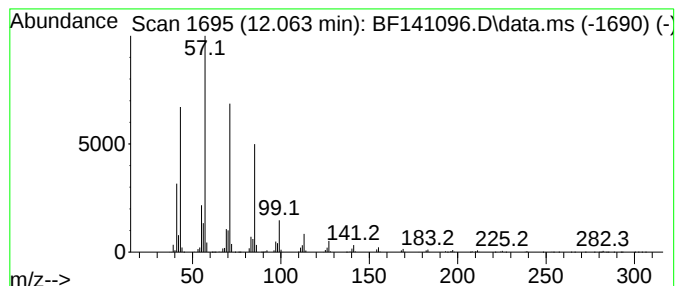
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	126.60 ng	5985510	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Octadecane	254	C18H38	000593-45-3	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-01072025

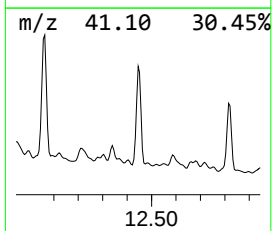
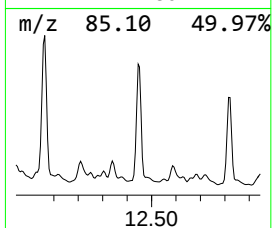
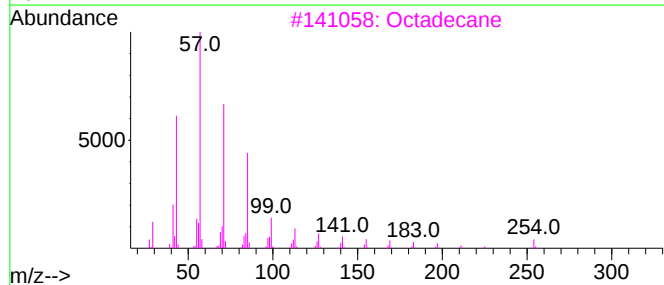
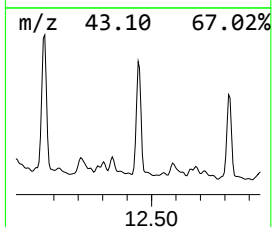
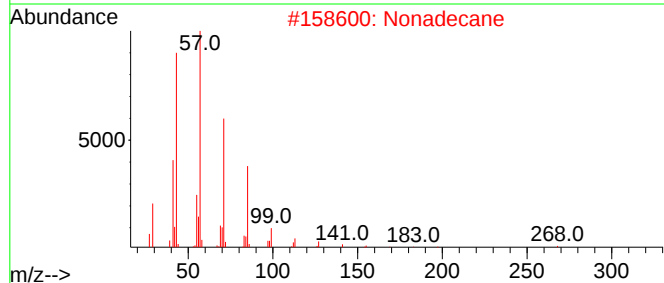
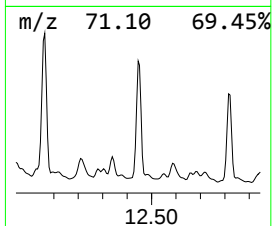
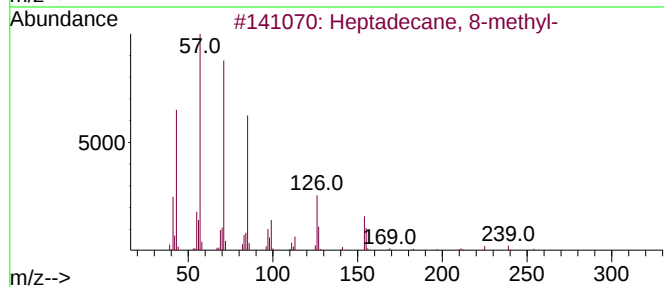
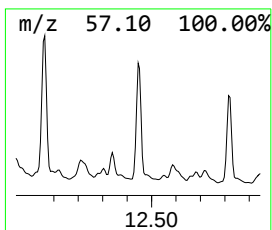
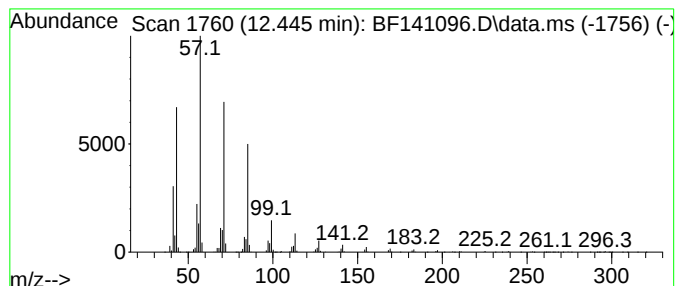
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	97.69 ng	4618850	Phenanthrene-d10	11.351

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-01072025

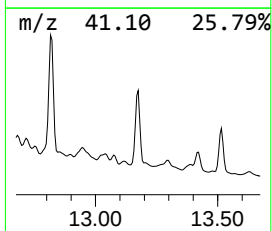
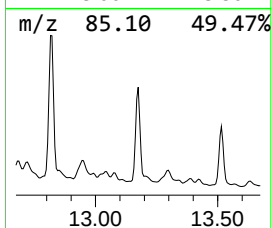
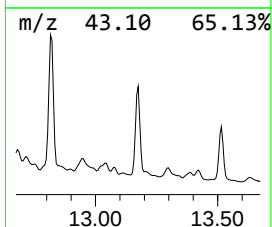
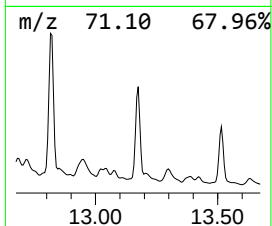
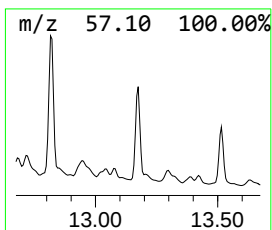
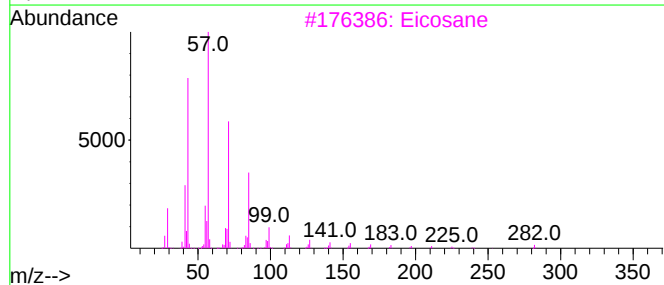
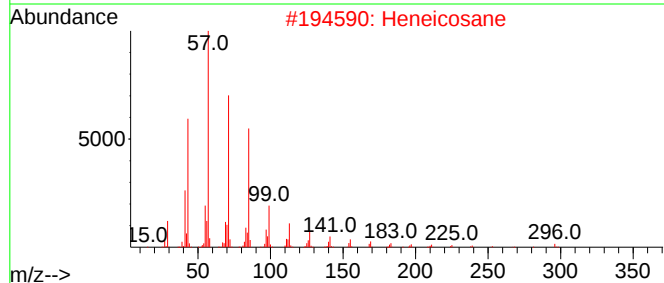
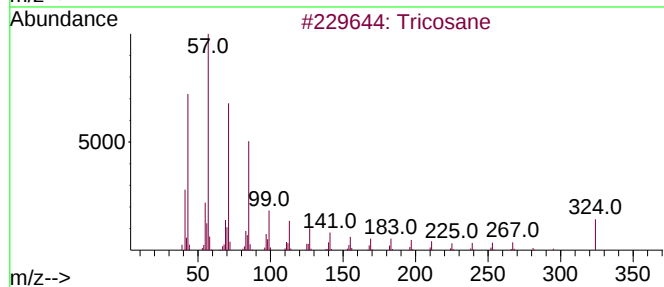
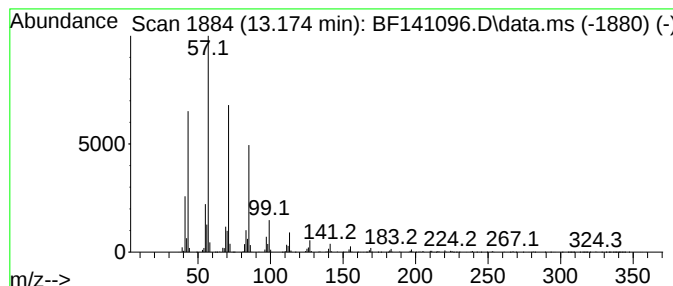
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	48.88 ng	2244860	Chrysene-d12	13.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricosane	324	C23H48	000638-67-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

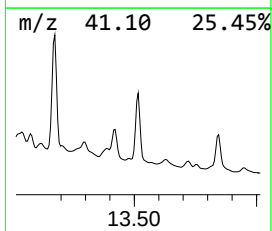
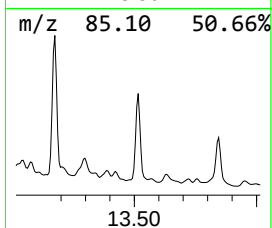
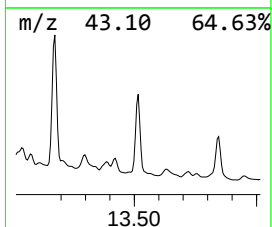
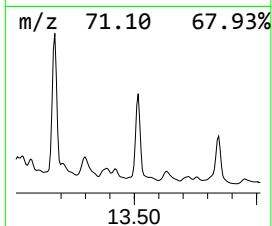
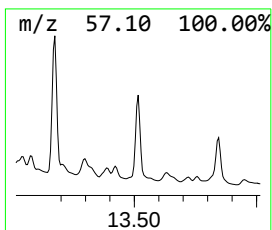
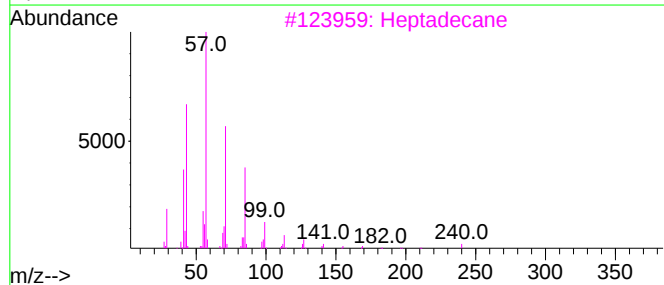
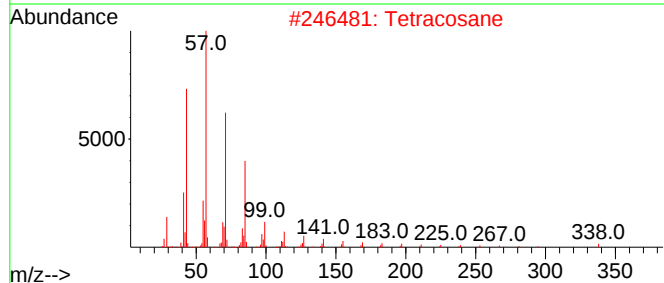
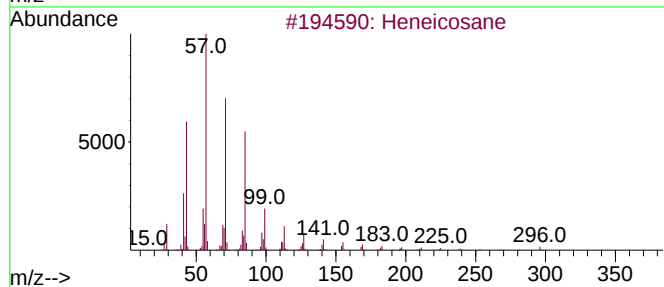
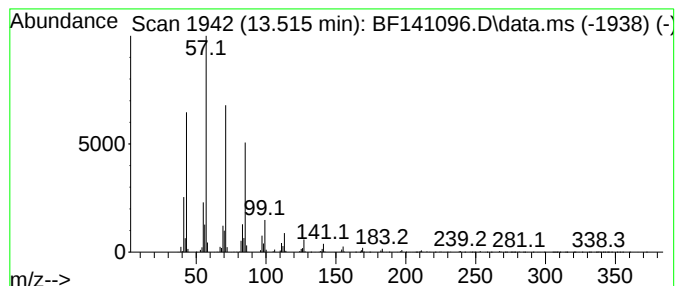
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.515	30.75 ng	1412390	Chrysene-d12	13.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-01072025

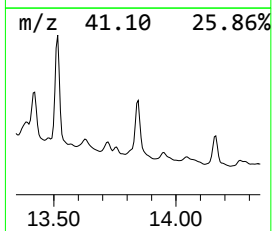
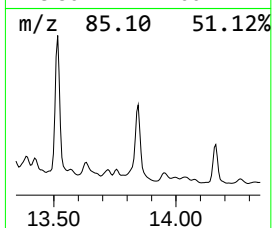
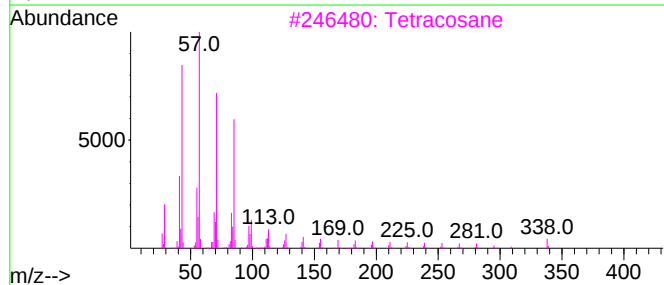
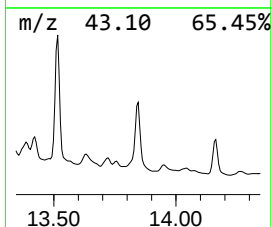
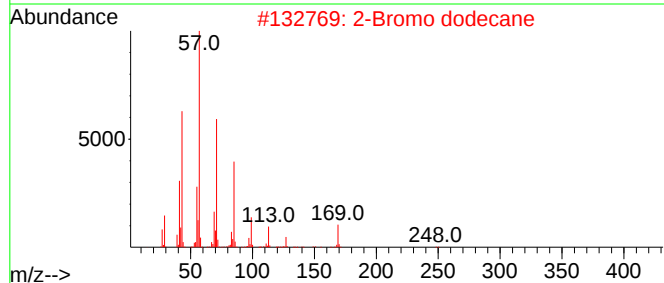
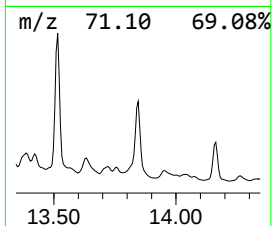
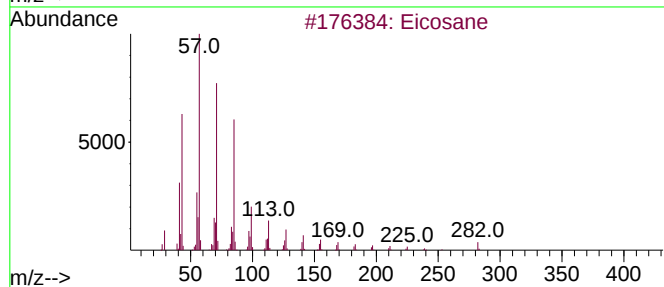
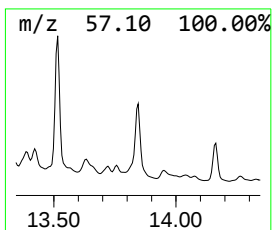
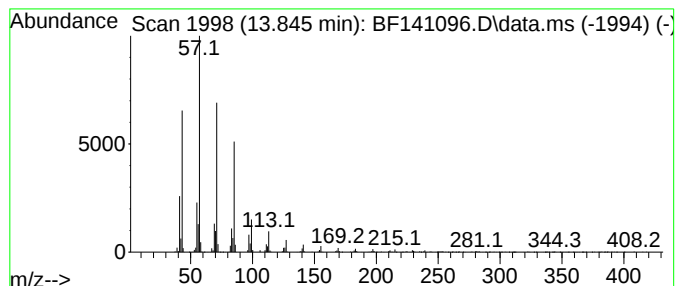
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	23.21 ng	1066000	Chrysene-d12	13.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	97
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3		Tetracosane	338	C24H50	000646-31-1	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141096.D
Acq On : 08 Jan 2025 20:41
Operator : RC/JU
Sample : Q1029-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-01072025

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
Decane	6.663	28.1	ng	2382870	1	6.828	1693810	20.0
Benzene, 1-meth...	7.104	23.3	ng	1974950	1	6.828	1693810	20.0
Benzene, 1-meth...	7.222	18.7	ng	1581300	1	6.828	1693810	20.0
Naphthalene, 1,...	9.339	20.5	ng	2663870	3	9.869	2604410	20.0
Naphthalene, 1,...	9.527	31.0	ng	4035880	3	9.869	2604410	20.0
1-Octadecanesul...	9.592	33.6	ng	4375450	3	9.869	2604410	20.0
Tetradecane	9.804	55.0	ng	7159080	3	9.869	2604410	20.0
unknown10.039	10.039	20.4	ng	2654080	3	9.869	2604410	20.0
Hexadecane	10.304	66.4	ng	8643810	3	9.869	2604410	20.0
Dodecane, 4,9-d...	10.522	35.9	ng	4671790	3	9.869	2604410	20.0
Tridecane	10.780	224.2	ng	10598200	4	11.351	945618	20.0
Heptacosane, 1-...	10.969	23.3	ng	1100010	4	11.351	945618	20.0
Heptadecane, 8-...	11.227	154.3	ng	7294210	4	11.351	945618	20.0
Hexadecane, 2,6...	11.257	68.9	ng	3256820	4	11.351	945618	20.0
Pentadecane	11.657	136.6	ng	6458500	4	11.351	945618	20.0
Eicosane	12.063	126.6	ng	5985510	4	11.351	945618	20.0
Nonadecane	12.445	97.7	ng	4618850	4	11.351	945618	20.0
Tricosane	13.174	48.9	ng	2244860	5	13.986	918555	20.0
Heneicosane	13.515	30.8	ng	1412390	5	13.986	918555	20.0
2-Bromo dodecane	13.845	23.2	ng	1066000	5	13.986	918555	20.0