

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141430.D
 Acq On : 05 Feb 2025 00:48
 Operator : RC/JU
 Sample : Q1276-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-020325

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141430.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	481	491	504	rBV	156553	220456	8.34%	0.463%
2	5.410	559	564	574	rVB	483431	639544	24.20%	1.344%
3	6.228	697	703	710	rBV4	16125	35790	1.35%	0.075%
4	6.316	715	718	722	rVV2	40197	56565	2.14%	0.119%
5	6.387	726	730	732	rBV3	20380	28203	1.07%	0.059%
6	6.428	732	737	750	rVB	1047134	1399818	52.98%	2.941%
7	6.528	750	754	759	rBV4	15120	30847	1.17%	0.065%
8	6.622	765	770	777	rVB2	151024	233557	8.84%	0.491%
9	6.745	782	791	793	rBV6	17251	39707	1.50%	0.083%
10	6.787	793	798	805	rVV	412678	555839	21.04%	1.168%
11	6.845	805	808	812	rVB3	48672	61287	2.32%	0.129%
12	6.934	820	823	827	rBV3	42608	58708	2.22%	0.123%
13	7.063	834	845	848	rBV2	115560	210256	7.96%	0.442%
14	7.104	848	852	854	rBV2	76200	108137	4.09%	0.227%
15	7.181	860	865	869	rBV2	133764	180793	6.84%	0.380%
16	7.257	874	878	880	rBV	46096	64533	2.44%	0.136%
17	7.351	885	894	897	rBV	745801	1168828	44.24%	2.456%
18	7.387	897	900	904	rVB	444905	523597	19.82%	1.100%
19	7.434	904	908	912	rBV4	99867	146554	5.55%	0.308%
20	7.498	912	919	924	rBV4	76870	201233	7.62%	0.423%
21	7.592	924	935	944	rVB4	202742	536183	20.29%	1.127%
22	7.710	945	955	959	rBV8	139342	485827	18.39%	1.021%
23	7.757	959	963	966	rVB3	134056	184641	6.99%	0.388%
24	7.822	966	974	979	rBV7	194560	589360	22.31%	1.238%
25	7.869	979	982	984	rBV2	82761	96389	3.65%	0.203%
26	7.939	992	994	997	rBV	54060	58777	2.22%	0.123%
27	7.975	997	1000	1003	rVB	72710	75831	2.87%	0.159%
28	8.057	1004	1014	1022	rBV2	1154817	2443666	92.49%	5.134%
29	8.133	1023	1027	1030	rVV2	289816	417169	15.79%	0.877%
30	8.163	1030	1032	1039	rVB5	112170	179766	6.80%	0.378%
31	8.245	1040	1046	1047	rBV4	106044	184459	6.98%	0.388%
32	8.269	1047	1050	1054	rVB2	158178	198177	7.50%	0.416%
33	8.316	1055	1058	1061	rBV3	61328	76050	2.88%	0.160%
34	8.369	1061	1067	1073	rBV7	290692	571250	21.62%	1.200%
35	8.422	1073	1076	1078	rBV2	172215	180600	6.84%	0.379%
36	8.451	1078	1081	1085	rVV3	231171	269904	10.22%	0.567%

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37	8.492	1085	1088	1094	rVV2	311801	448290	16.97%	0.942%
38	8.575	1099	1102	1106	rBV2	400184	522556	19.78%	1.098%
39	8.669	1113	1118	1122	rBV	1246020	1638928	62.03%	3.444%
40	8.733	1126	1129	1131	rVV2	120489	149225	5.65%	0.314%
41	8.828	1142	1145	1147	rBV3	77623	101746	3.85%	0.214%
42	8.898	1152	1157	1162	rVV4	376190	611365	23.14%	1.285%
43	8.951	1163	1166	1169	rBV3	122721	170989	6.47%	0.359%
44	9.028	1176	1179	1183	rVB3	300716	449857	17.03%	0.945%
45	9.098	1188	1191	1195	rVV3	372257	549003	20.78%	1.154%
46	9.151	1195	1200	1204	rVB	1139462	1463389	55.39%	3.075%
47	9.233	1209	1214	1219	rBV	1543036	2124248	80.40%	4.463%
48	9.298	1222	1225	1231	rVB	266964	393388	14.89%	0.827%
49	9.486	1250	1257	1259	rBV4	308787	660452	25.00%	1.388%
50	9.551	1263	1268	1271	rVV4	634637	1176698	44.53%	2.472%
51	9.610	1275	1278	1282	rVB	315162	373810	14.15%	0.785%
52	9.763	1300	1304	1308	rVB	1534952	1883909	71.30%	3.958%
53	9.828	1308	1315	1319	rVB3	567329	894660	33.86%	1.880%
54	9.998	1339	1344	1346	rBV	263053	462931	17.52%	0.973%
55	10.086	1355	1359	1362	rBV4	305396	403246	15.26%	0.847%
56	10.263	1385	1389	1393	rBV	1530810	1871972	70.85%	3.933%
57	10.480	1421	1426	1432	rBV	586114	980799	37.12%	2.061%
58	10.539	1432	1436	1439	rBV2	348945	422229	15.98%	0.887%
59	10.604	1444	1447	1452	rVB2	226595	319783	12.10%	0.672%
60	10.739	1465	1470	1478	rVB	1688290	2642202	100.00%	5.552%
61	10.933	1499	1503	1504	rBV2	156889	213371	8.08%	0.448%
62	11.186	1542	1546	1549	rBV	1302252	1701562	64.40%	3.575%
63	11.216	1549	1551	1557	rVB	565598	670466	25.38%	1.409%
64	11.316	1564	1568	1575	rBV2	488253	946114	35.81%	1.988%
65	11.492	1596	1598	1602	rVB	109960	119433	4.52%	0.251%
66	11.616	1614	1619	1623	rBV	1059105	1355678	51.31%	2.848%
67	11.774	1643	1646	1651	rBV	106567	197243	7.47%	0.414%
68	11.845	1655	1658	1661	rBV	153633	173330	6.56%	0.364%
69	12.021	1684	1688	1692	rVB	882880	1061870	40.19%	2.231%
70	12.304	1733	1736	1740	rVB	85498	101885	3.86%	0.214%
71	12.410	1749	1754	1759	rVB	740440	1046124	39.59%	2.198%
72	12.527	1770	1774	1787	rVB	488995	821290	31.08%	1.726%
73	12.757	1808	1813	1815	rBV	385923	562500	21.29%	1.182%
74	12.780	1815	1817	1821	rVB	442107	465714	17.63%	0.979%
75	12.904	1833	1838	1845	rVB	1029228	1402274	53.07%	2.946%
76	13.139	1874	1878	1883	rBV2	284083	401148	15.18%	0.843%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.386	1918	1920	1928	rVB2	96667	127540	4.83%	0.268%
78	13.480	1932	1936	1948	rVB2	188308	305326	11.56%	0.642%
79	13.810	1988	1992	1999	rVB2	121793	171827	6.50%	0.361%
80	13.957	2011	2017	2020	rBV2	541113	917351	34.72%	1.927%
81	14.127	2043	2046	2052	rVB3	78401	109607	4.15%	0.230%
82	14.439	2096	2099	2103	rBV2	79462	104704	3.96%	0.220%
83	14.998	2190	2194	2203	rVB	266941	570343	21.59%	1.198%
84	15.298	2242	2245	2250	rVB	125648	184367	6.98%	0.387%
85	15.357	2251	2255	2261	rBV	177776	255120	9.66%	0.536%
86	15.421	2261	2266	2269	rBV	241143	380094	14.39%	0.799%

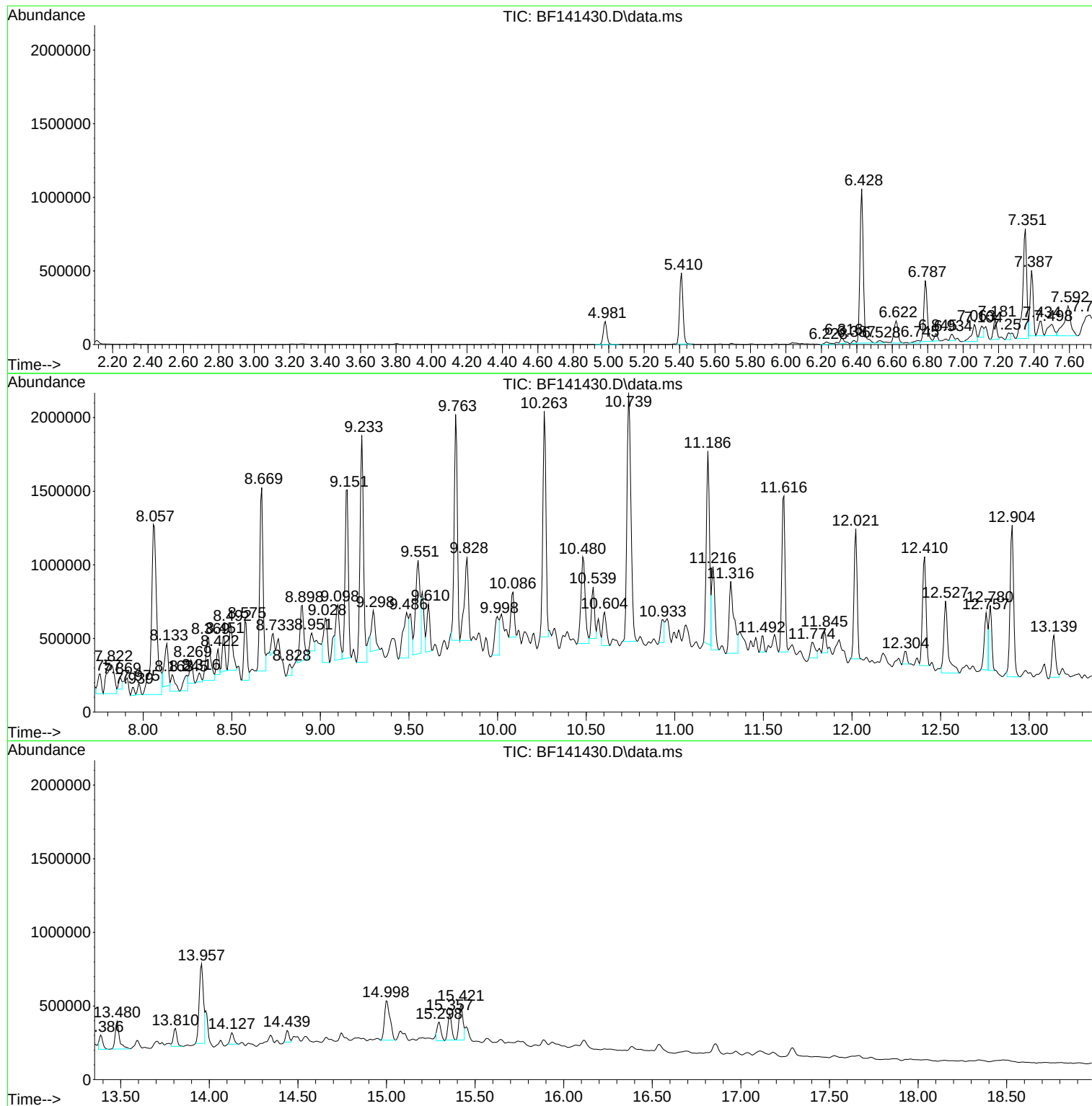
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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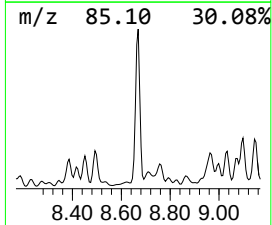
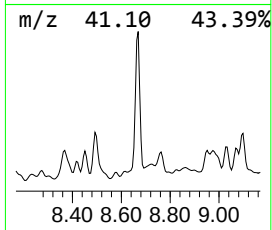
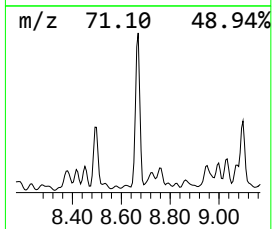
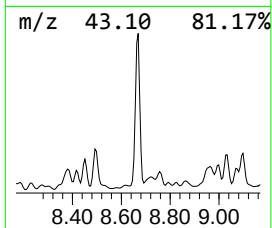
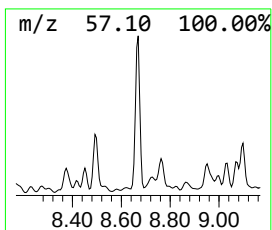
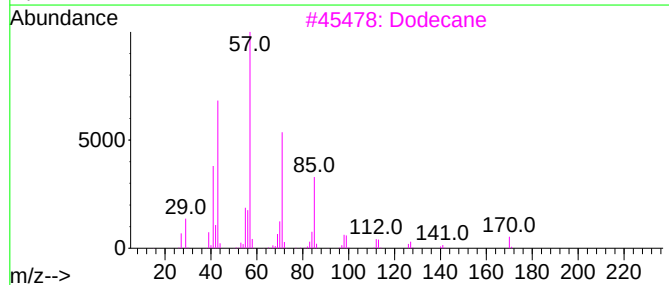
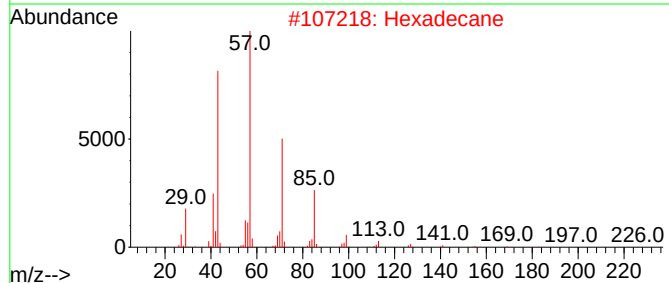
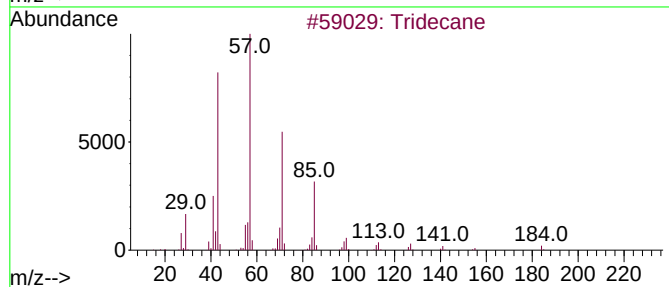
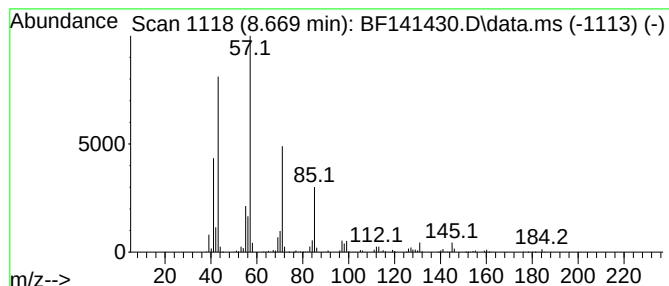
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	13.41 ng	1638930	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	80
3			Dodecane	170	C12H26	000112-40-3	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	76



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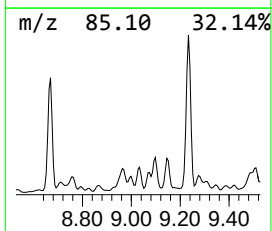
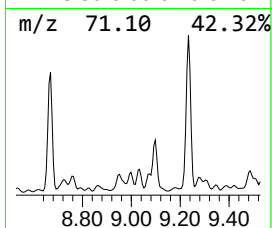
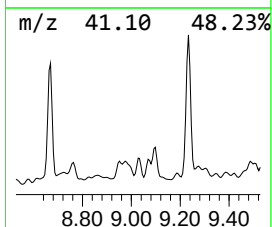
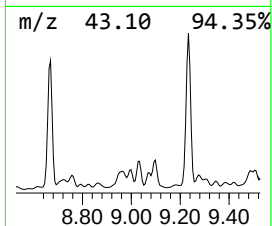
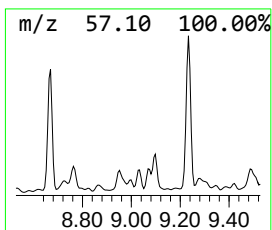
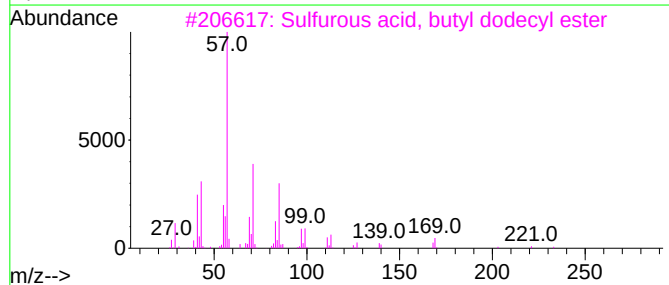
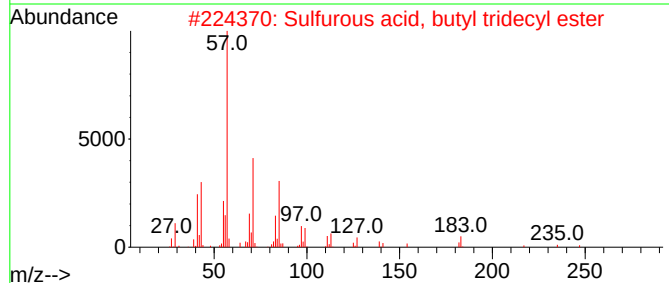
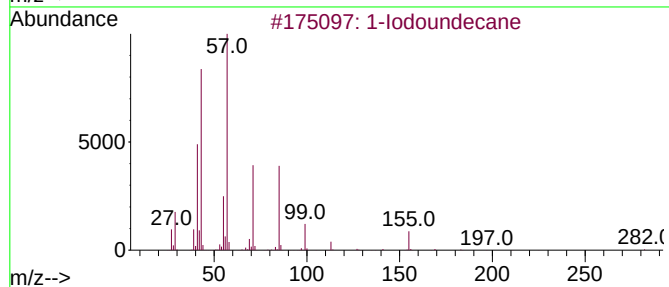
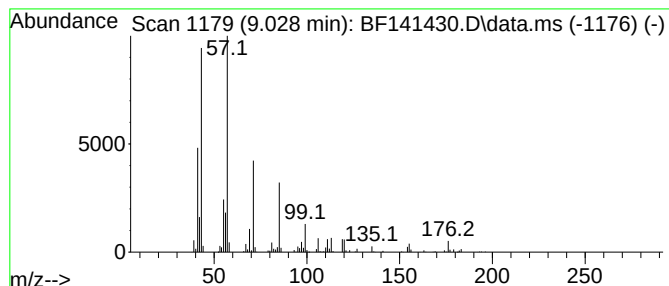
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Iodoundecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	10.06 ng	449857	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane		282	C11H23I	004282-44-4	72
2	Sulfurous acid, butyl tridecyl e...		320	C17H36O3S	1000309-18-0	64
3	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	64
4	Heptacosane		380	C27H56	000593-49-7	64
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	59



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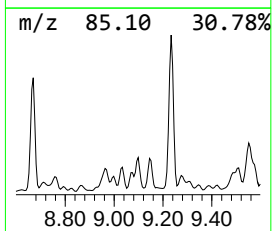
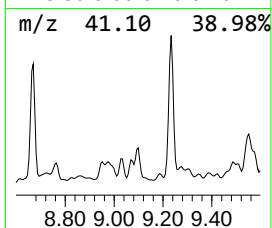
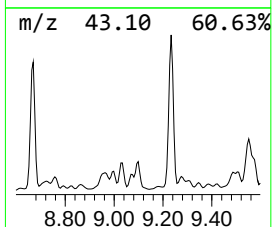
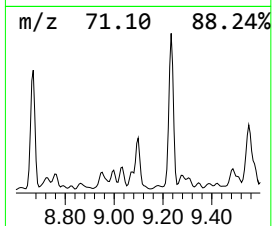
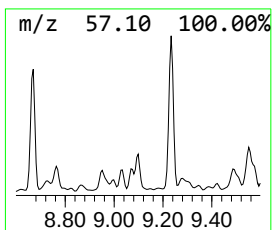
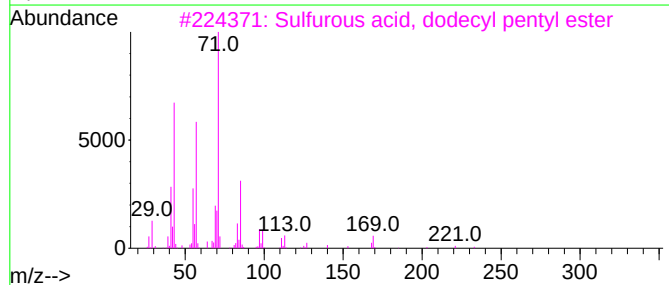
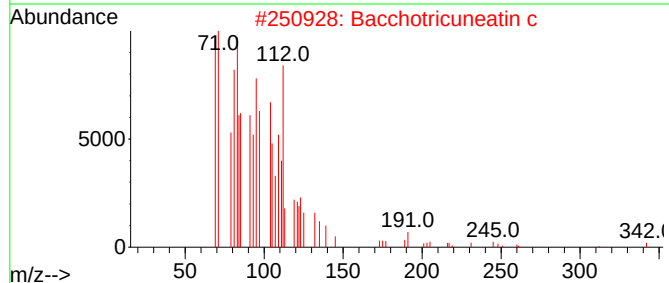
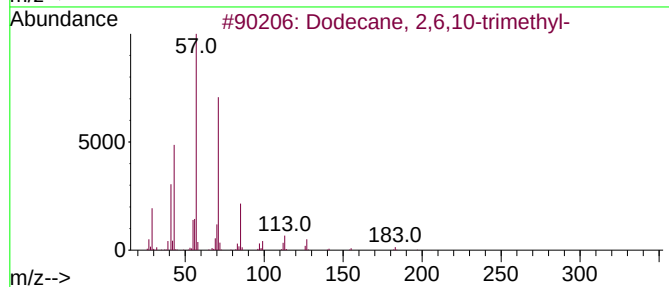
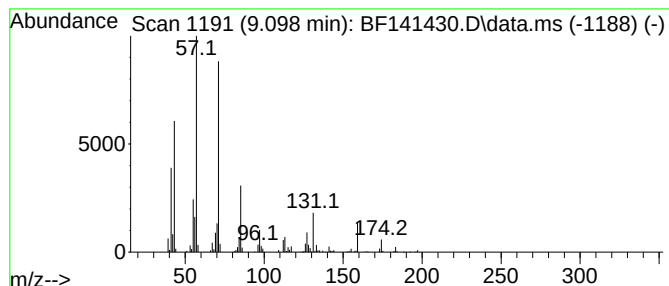
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	12.27 ng	549003	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2			Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
3			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	53
4			Sulfurous acid, butyl pentyl ester	208	C9H20O3S	1000309-17-1	43
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	43



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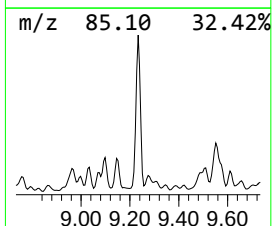
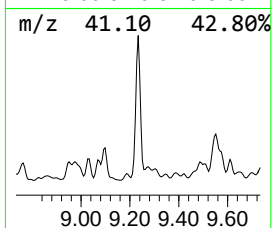
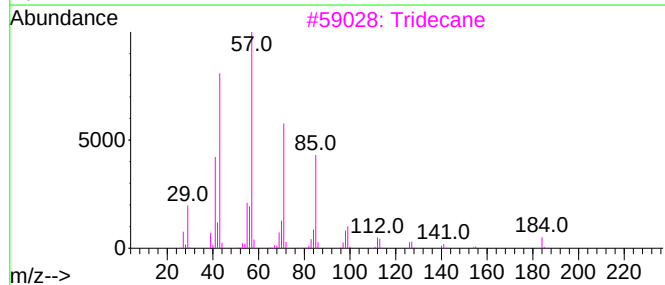
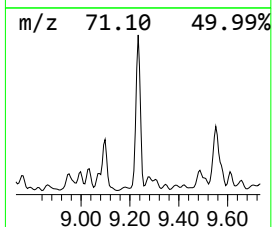
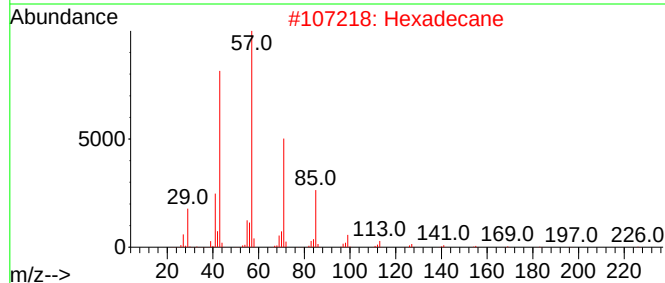
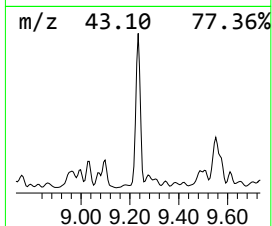
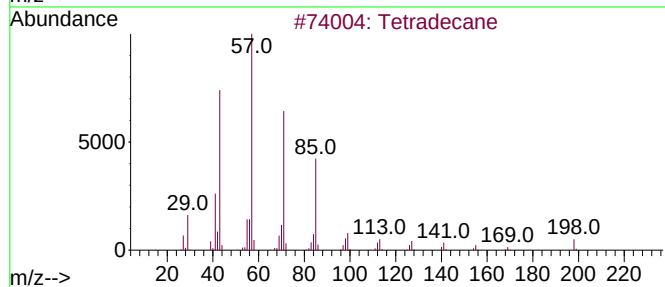
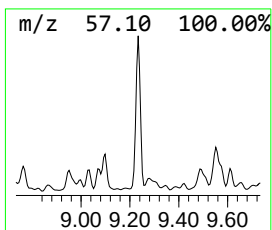
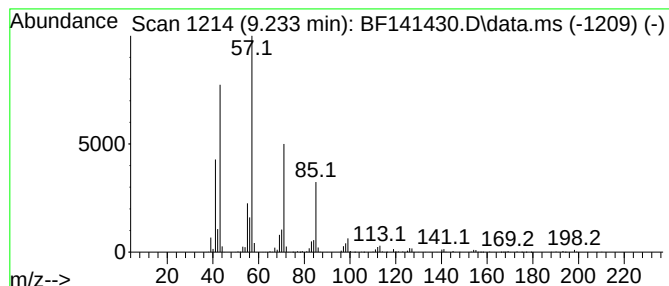
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	47.49 ng	2124250	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Undecane	156	C11H24	001120-21-4	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
Operator : RC/JU
Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-020325

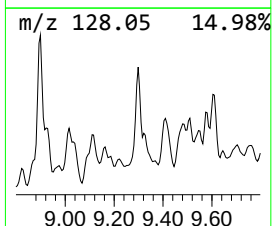
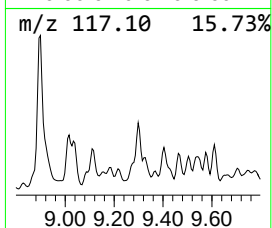
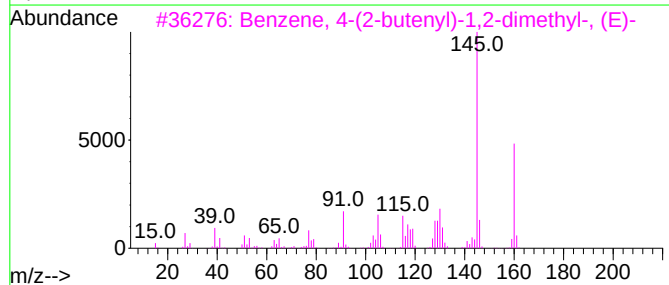
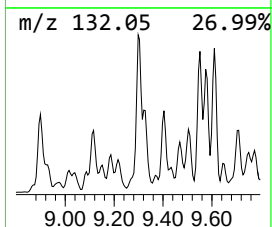
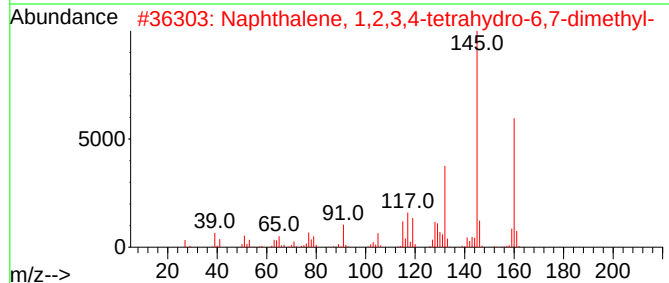
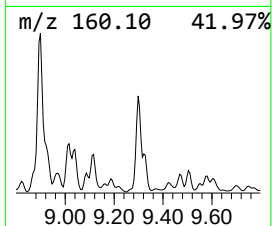
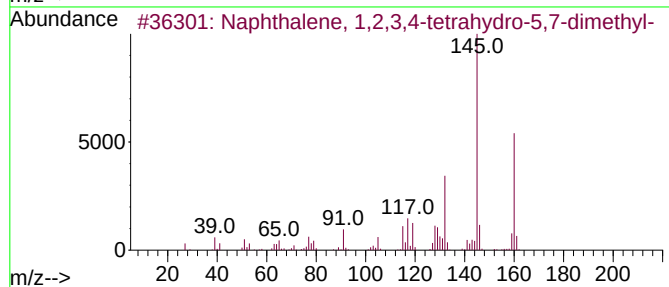
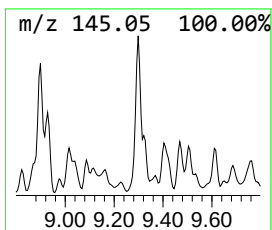
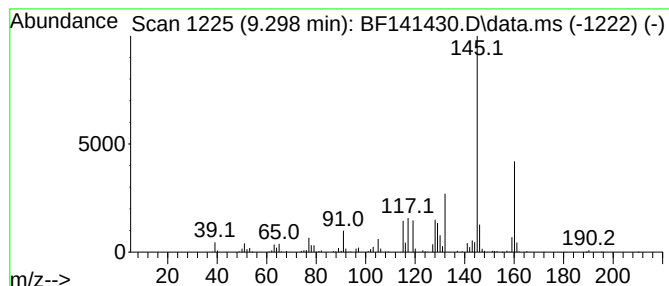
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	8.79 ng	393388	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
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Sample : Q1276-01
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Instrument :
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ClientSampleId :
TR-05-020325

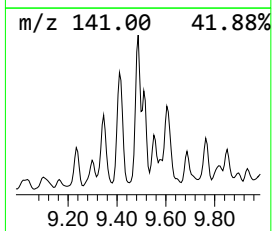
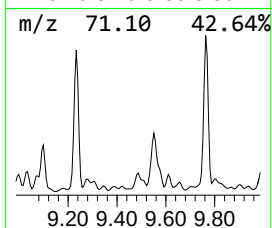
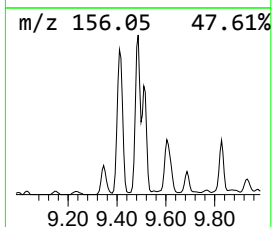
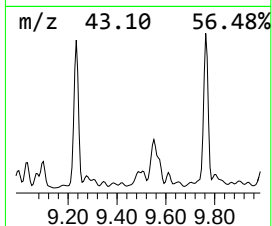
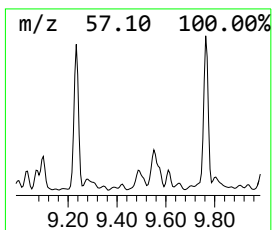
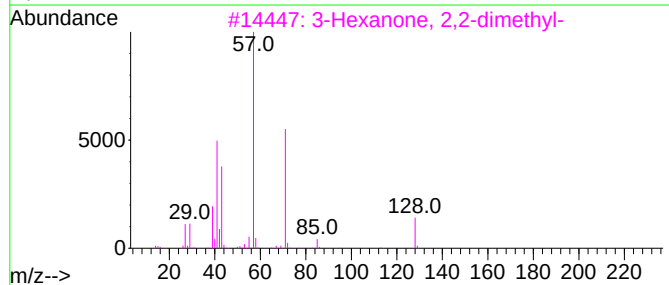
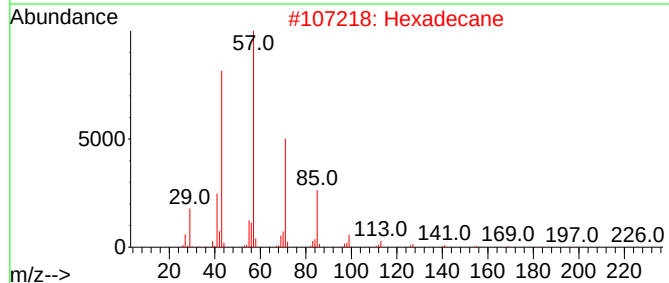
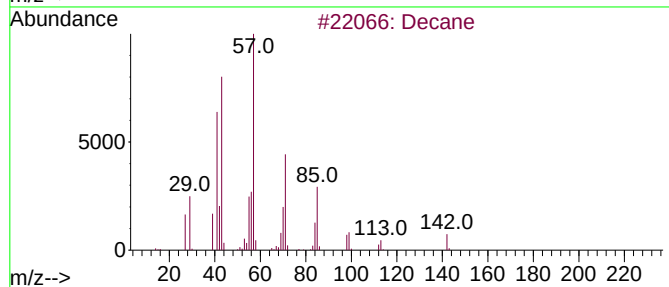
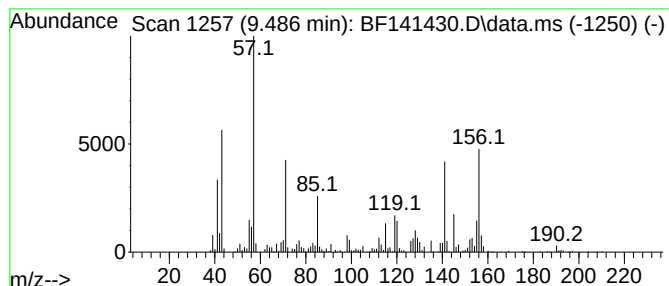
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.486 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	14.76 ng	660452	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	30
2			Hexadecane	226	C16H34	000544-76-3	25
3			3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	25
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	22
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
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Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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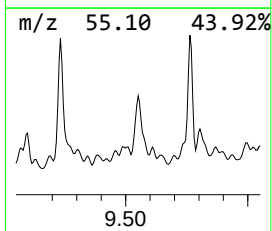
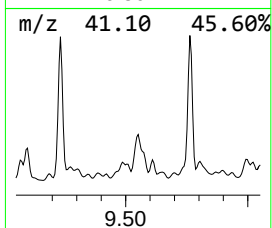
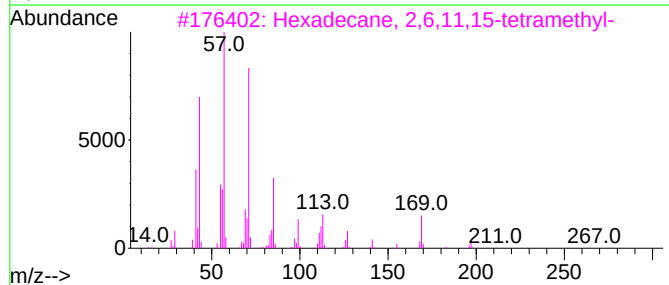
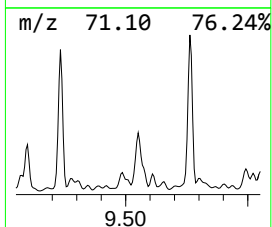
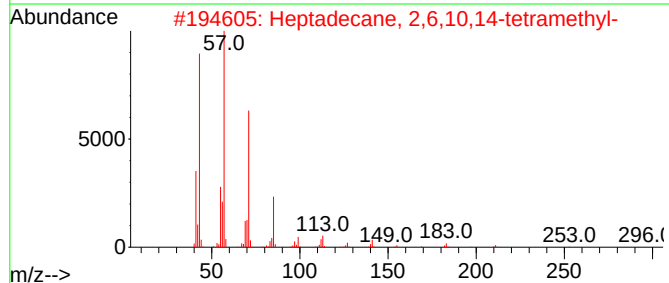
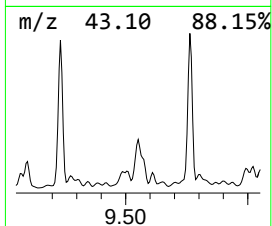
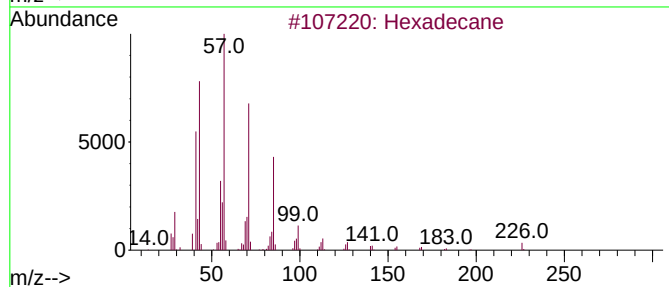
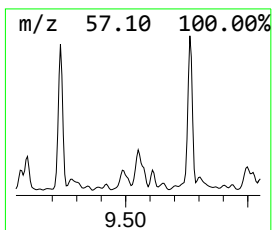
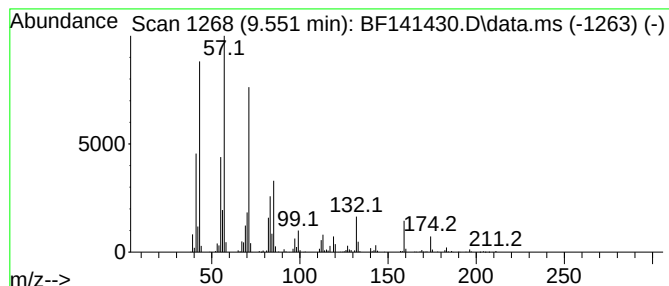
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	26.30 ng	1176700	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	68
2			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
4			Dodecane	170	C12H26	000112-40-3	64
5			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
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Sample : Q1276-01
Misc :
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ClientSampleId :
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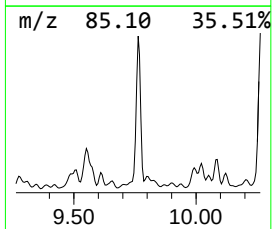
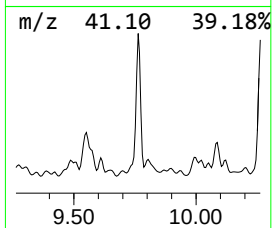
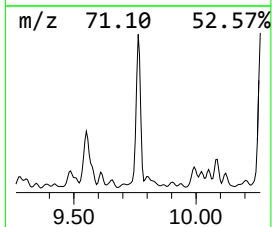
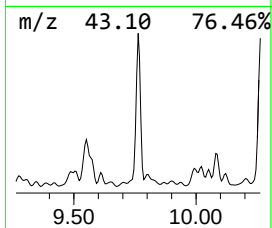
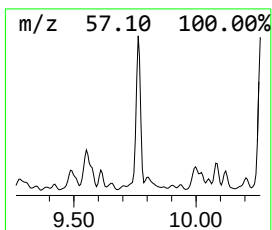
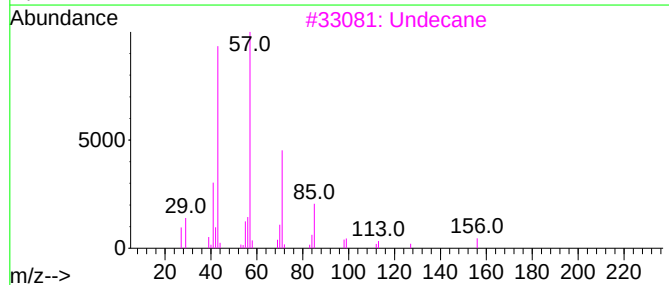
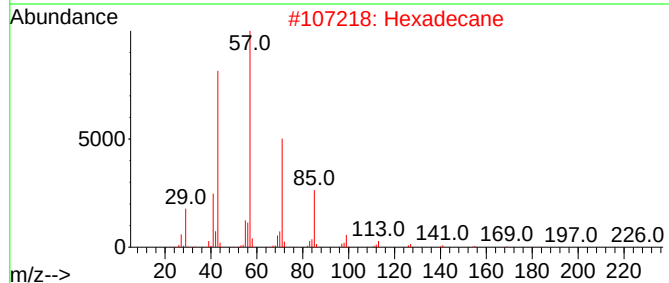
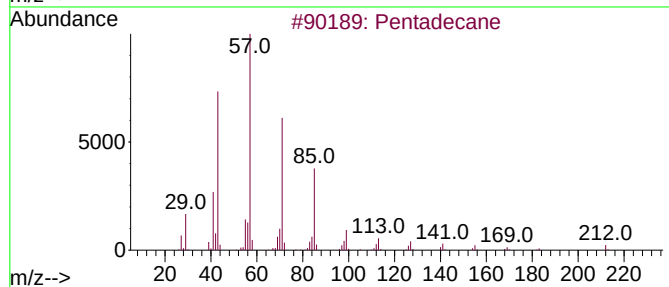
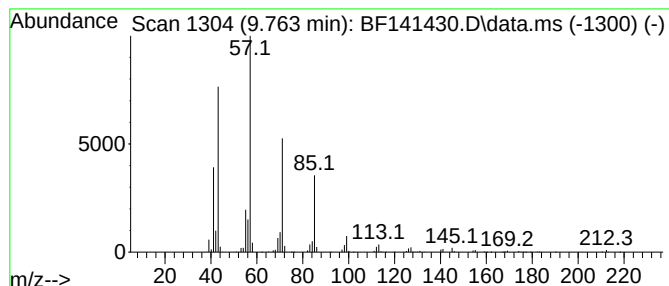
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	42.11 ng	1883910	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Undecane	156	C11H24	001120-21-4	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
Operator : RC/JU
Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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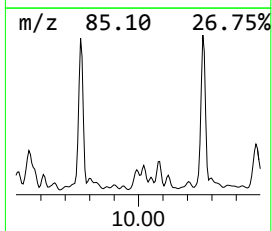
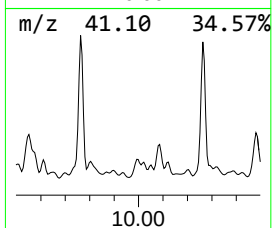
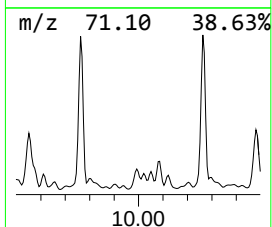
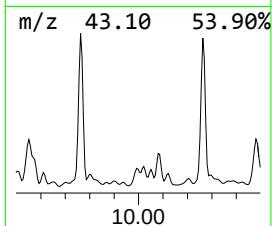
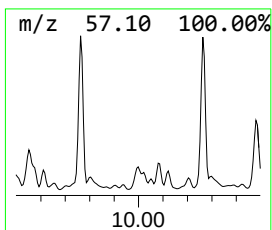
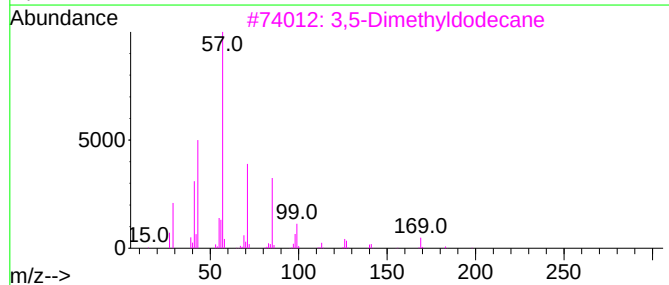
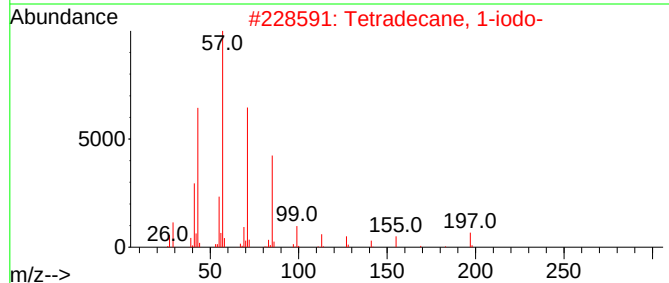
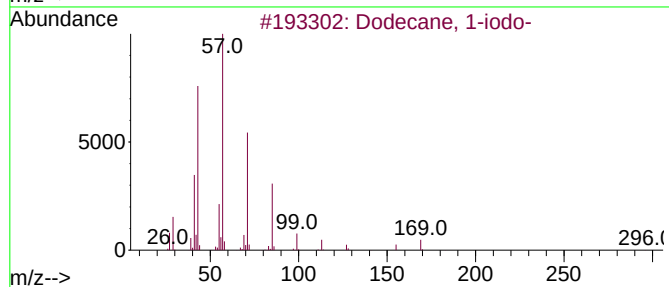
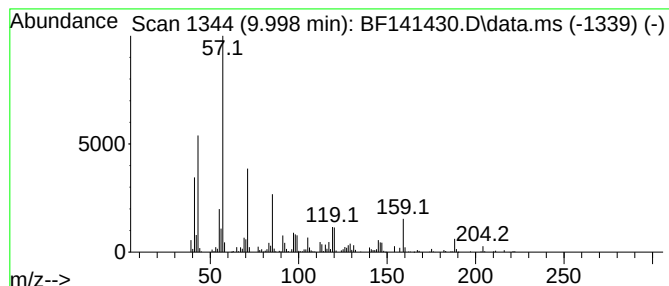
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.998 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.998	10.35 ng	462931	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	47
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	43
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
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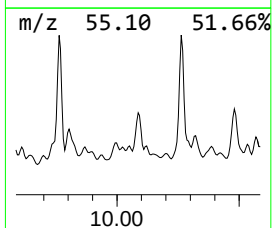
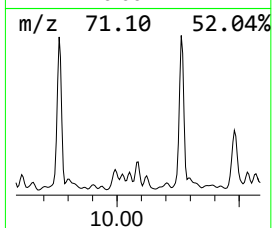
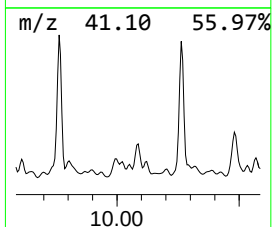
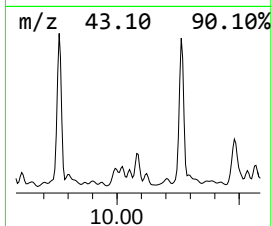
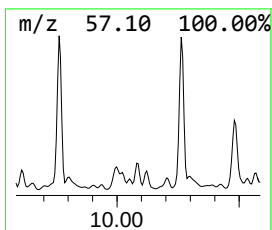
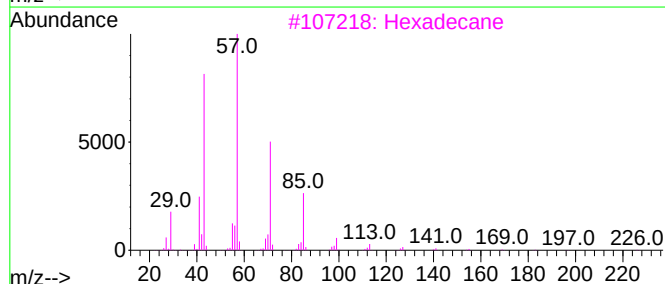
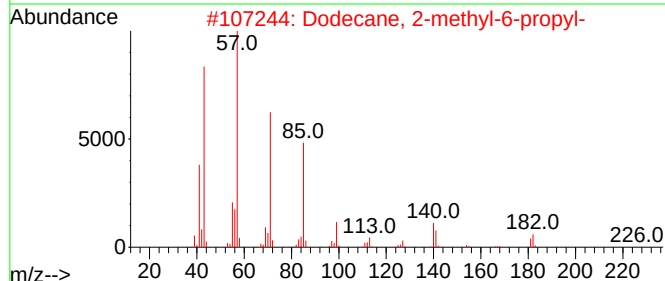
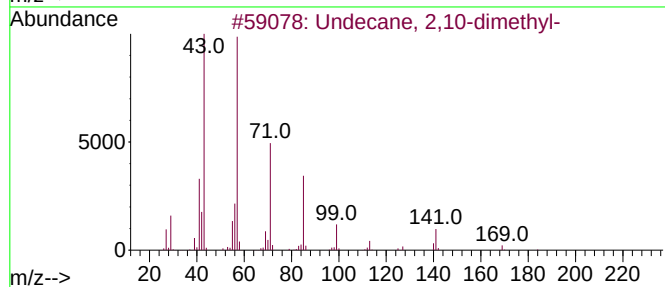
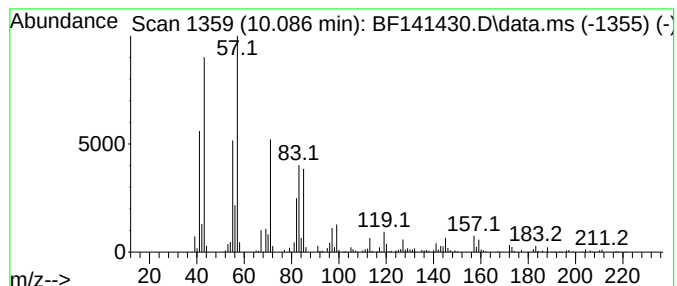
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,10-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.086	9.01 ng	403246	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	60
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	47
3			Hexadecane	226	C16H34	000544-76-3	46
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	46
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
Operator : RC/JU
Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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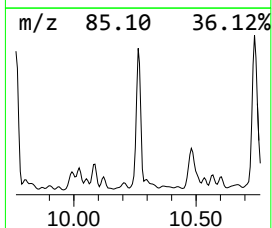
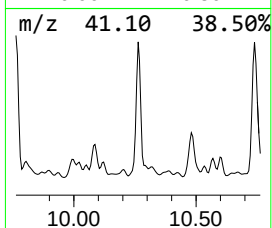
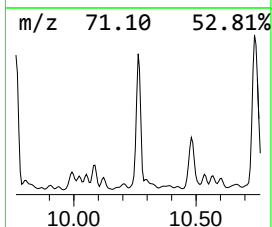
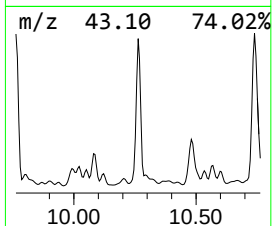
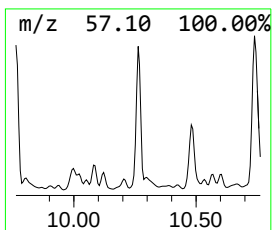
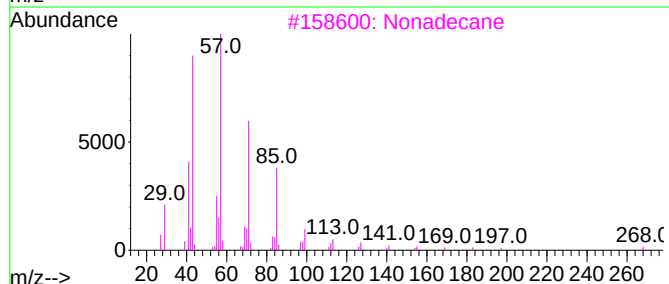
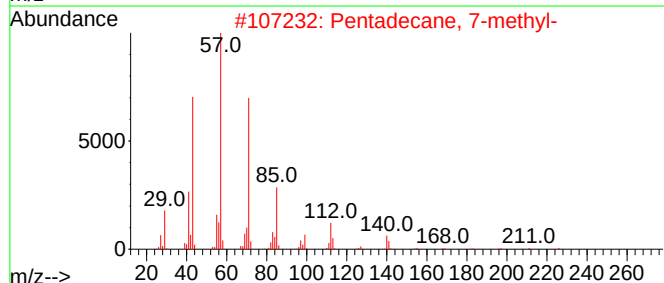
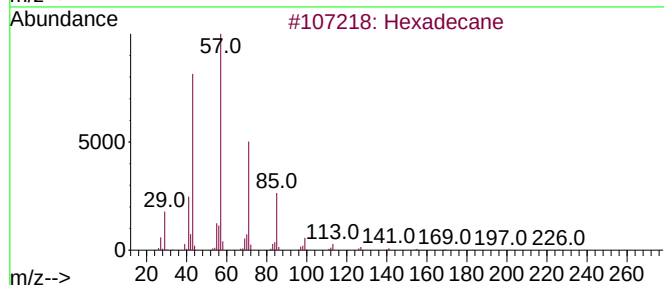
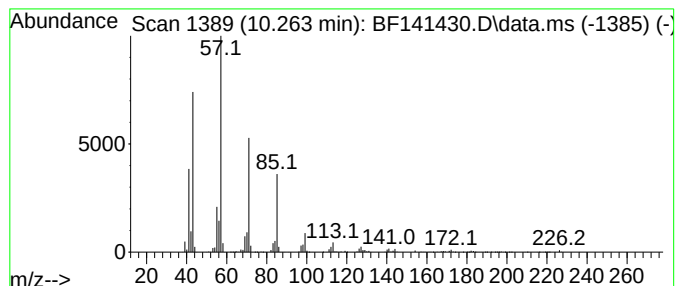
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	41.85 ng	1871970	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heptadecane	240	C17H36	000629-78-7	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
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Acq On : 05 Feb 2025 00:48
Operator : RC/JU
Sample : Q1276-01
Misc :
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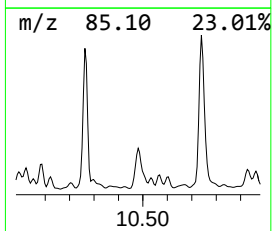
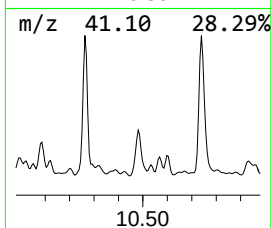
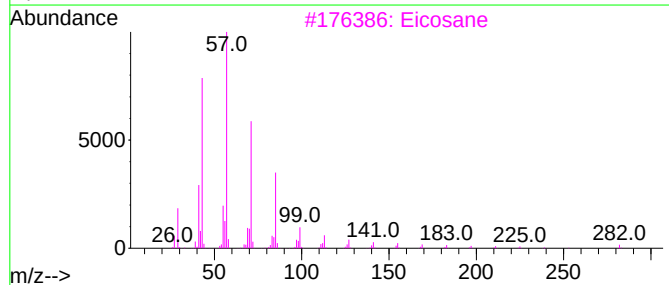
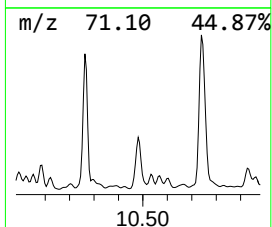
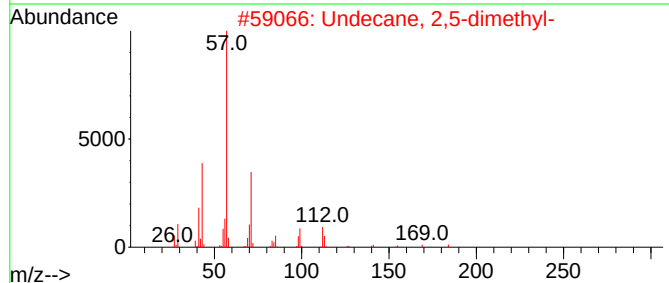
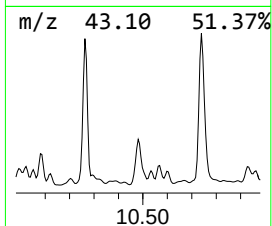
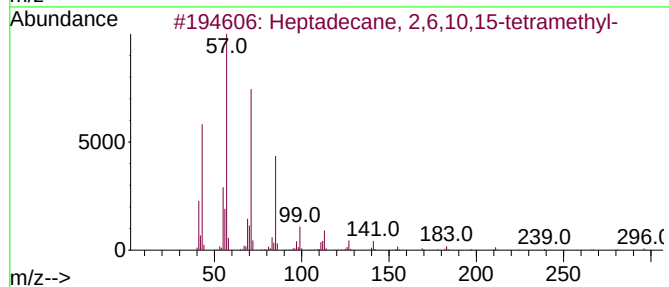
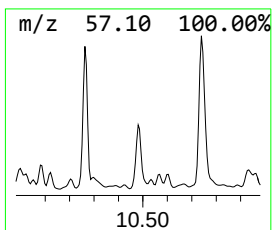
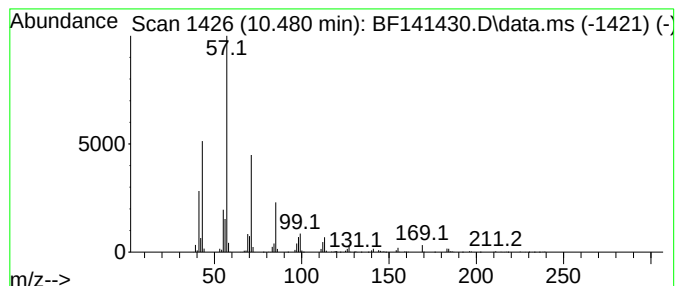
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.480	21.93 ng	980799	Acenaphthene-d10			9.828
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80
2	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
3	Eicosane		282	C20H42	000112-95-8	74
4	Tridecane		184	C13H28	000629-50-5	74
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
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Instrument :
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ClientSampleId :
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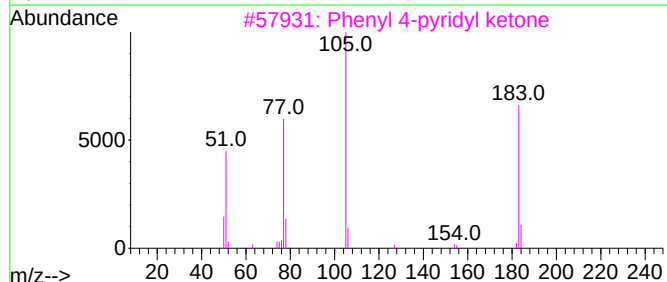
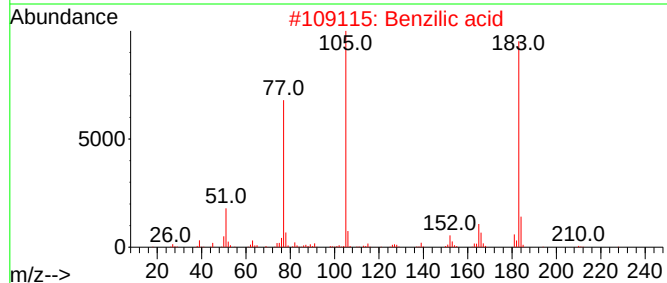
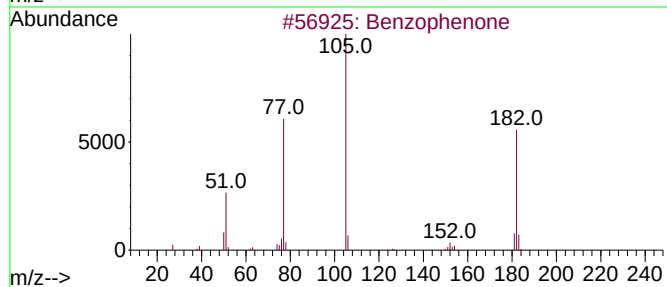
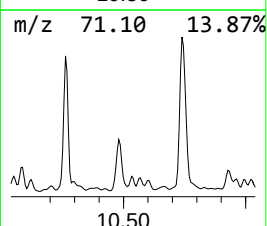
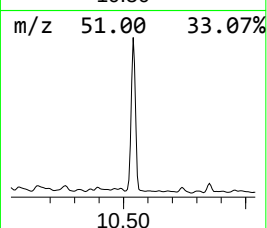
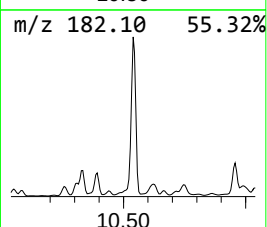
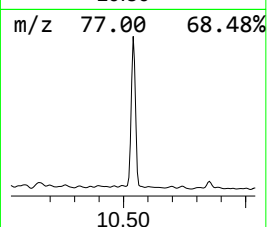
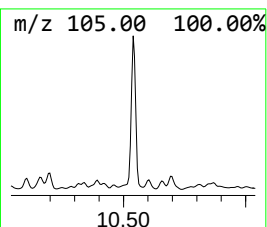
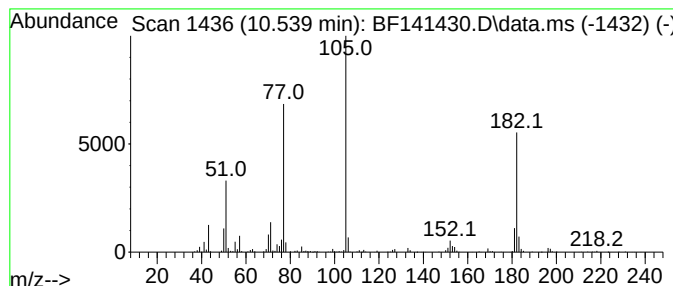
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	9.44 ng	422229	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzilic acid	228	C14H12O3	000076-93-7	49
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5			Benzoylformic acid	150	C8H6O3	000611-73-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
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Sample : Q1276-01
Misc :
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ClientSampleId :
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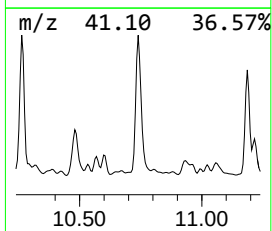
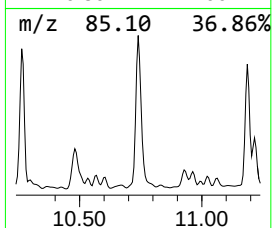
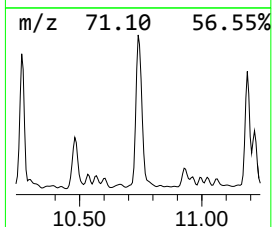
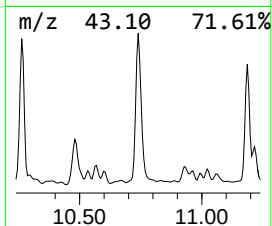
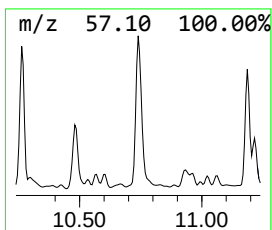
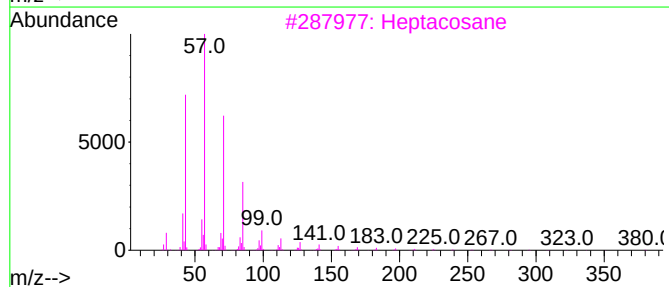
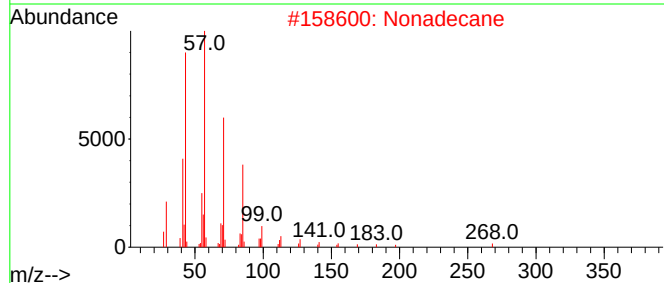
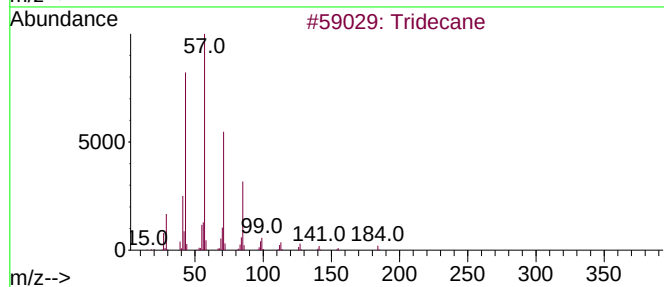
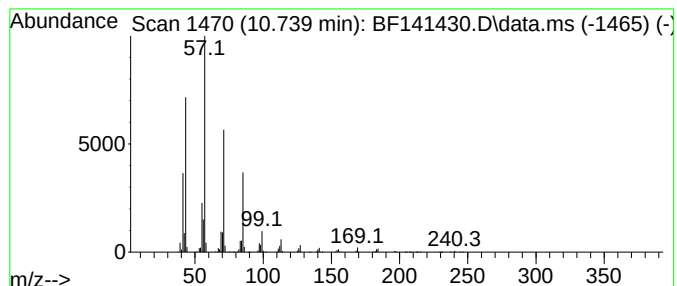
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	55.85 ng	2642200	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
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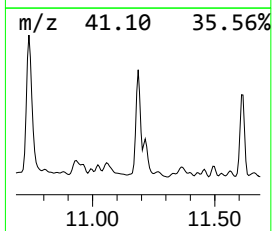
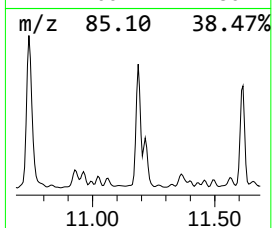
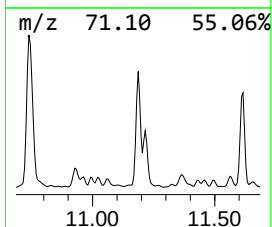
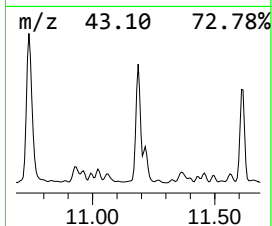
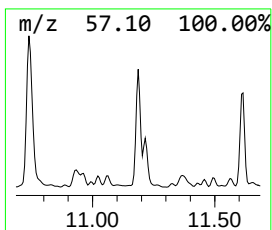
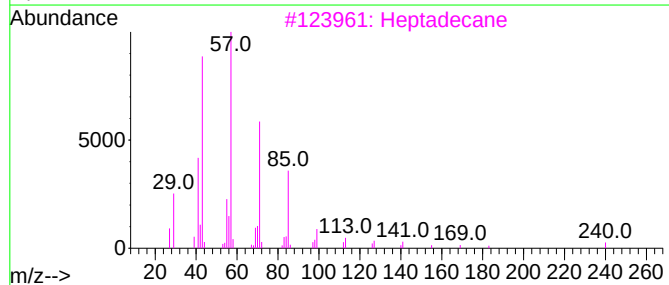
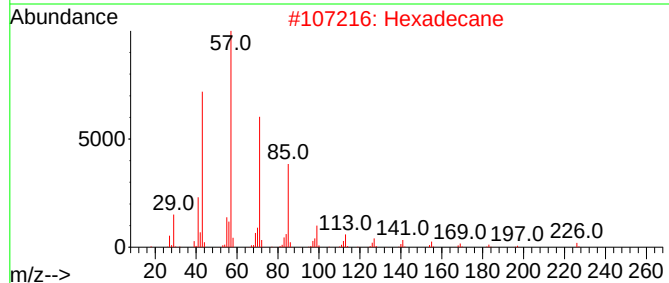
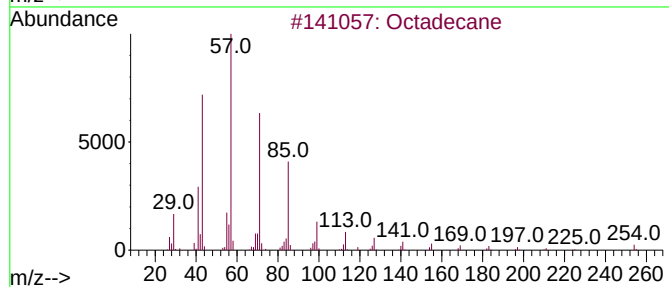
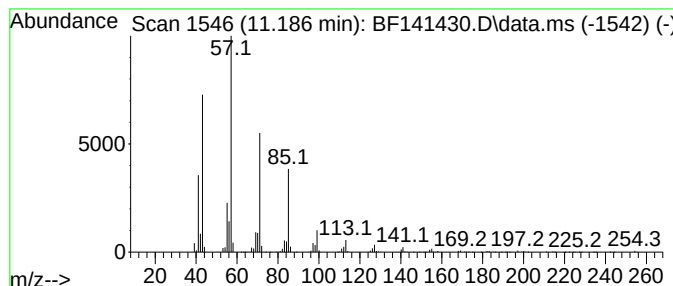
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	35.97 ng	1701560	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	93
2		Hexadecane	226	C16H34	000544-76-3	93
3		Heptadecane	240	C17H36	000629-78-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
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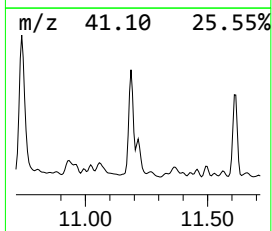
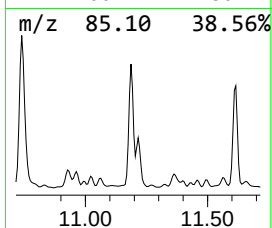
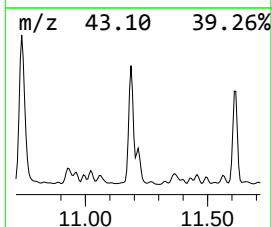
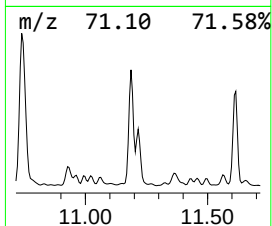
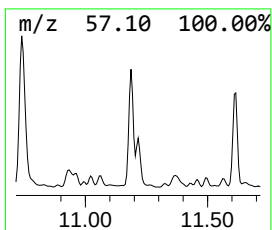
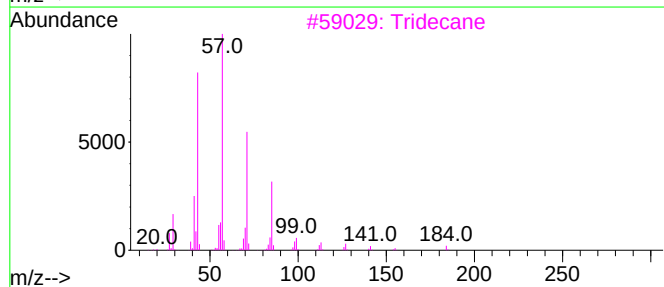
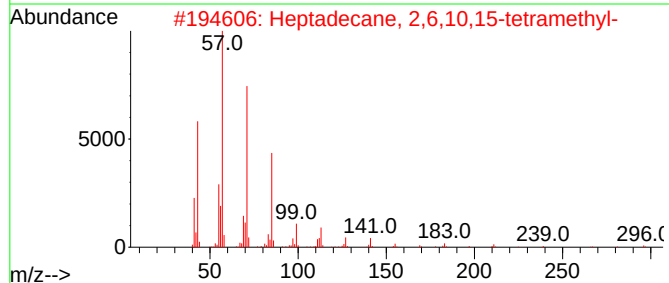
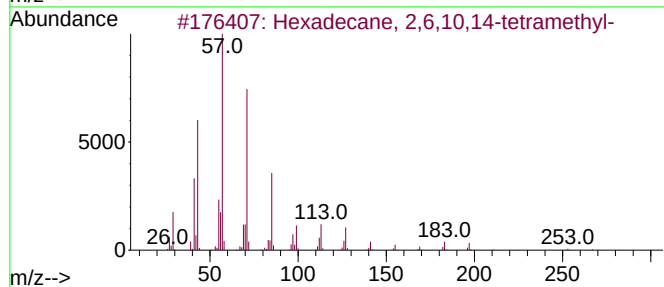
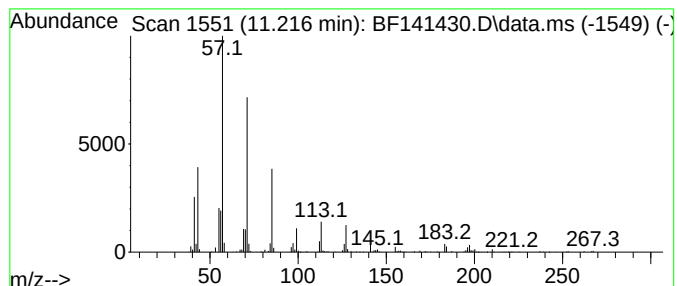
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	14.17 ng	670466	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Tridecane	184	C13H28	000629-50-5	83
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
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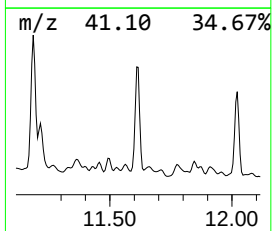
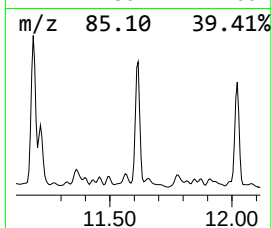
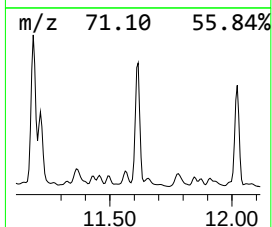
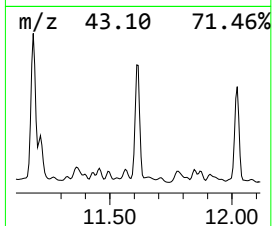
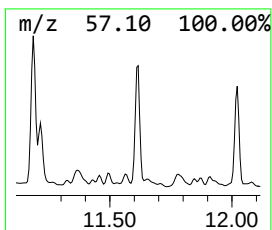
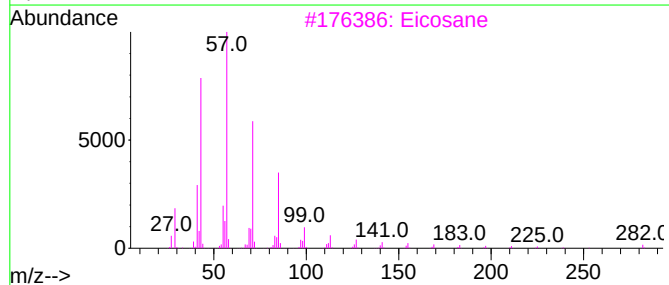
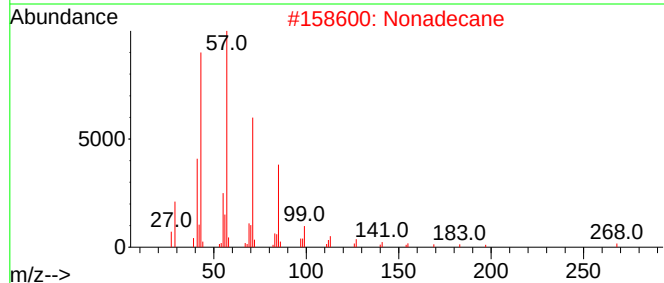
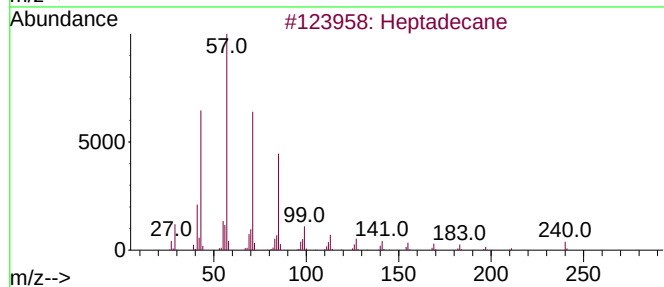
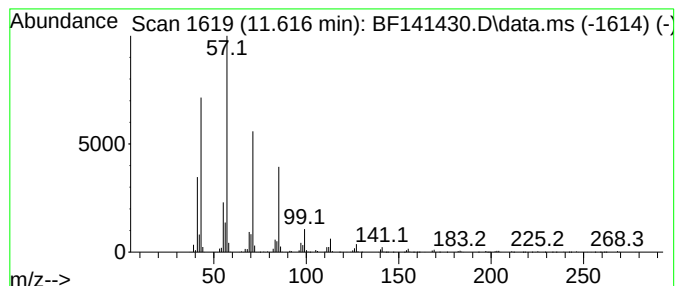
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	28.66 ng	1355680	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
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Operator : RC/JU
Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

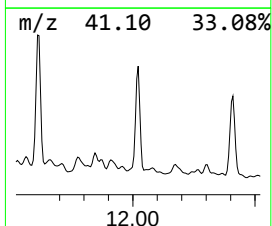
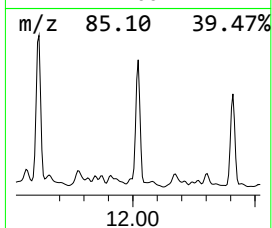
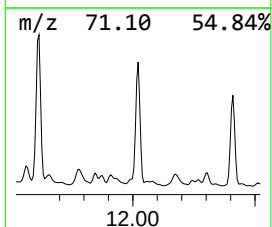
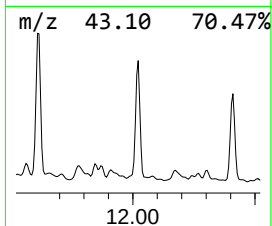
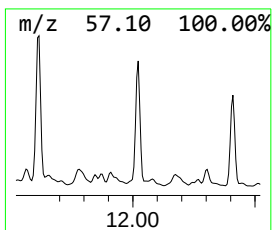
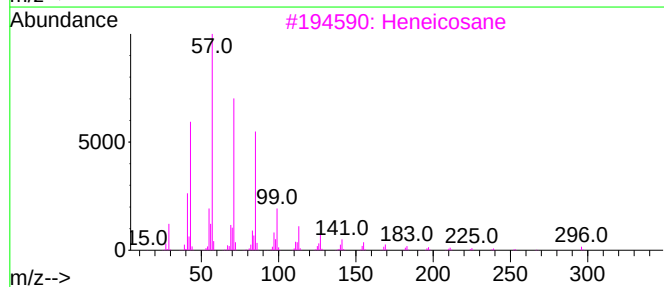
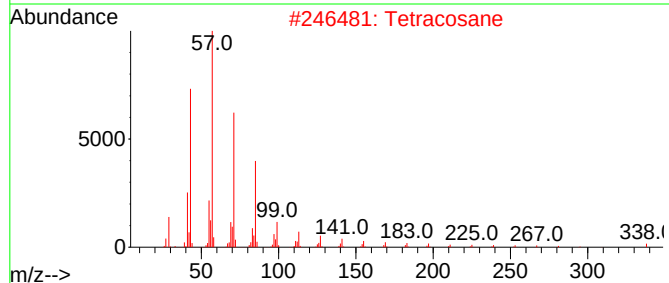
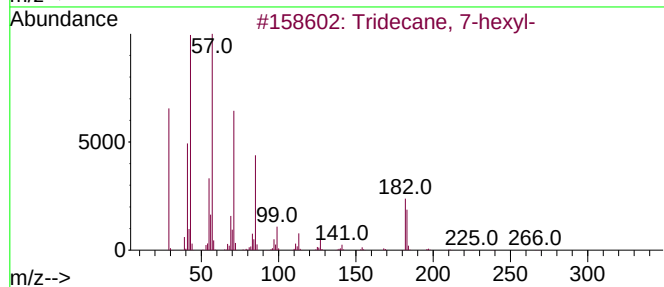
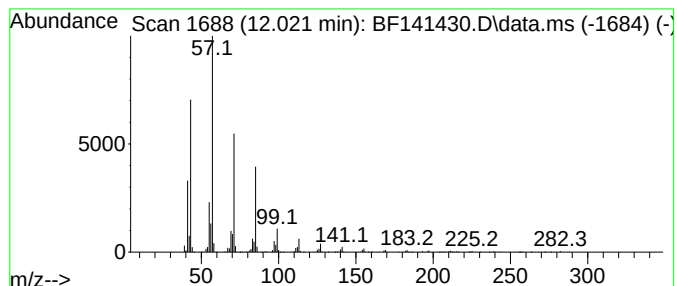
Instrument :
BNA_F
ClientSampleId :
TR-05-020325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.022	22.45 ng	1061870	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
Operator : RC/JU
Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-020325

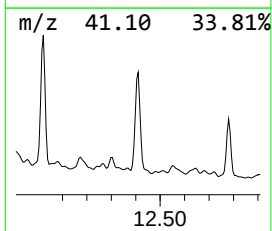
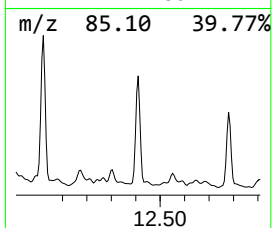
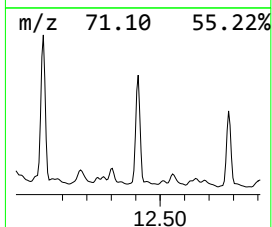
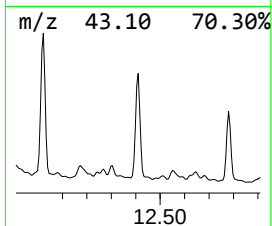
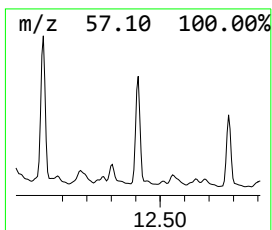
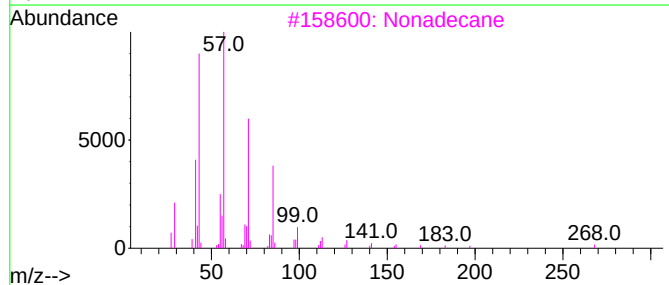
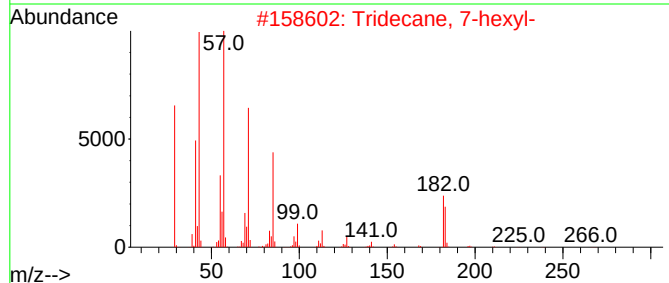
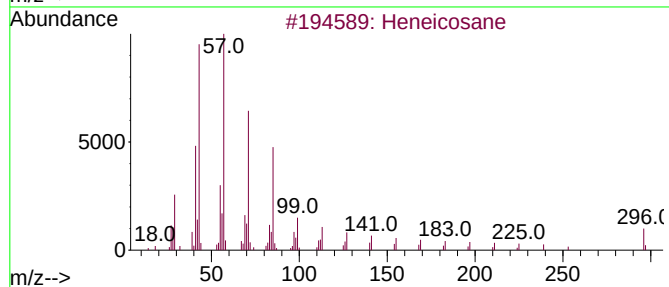
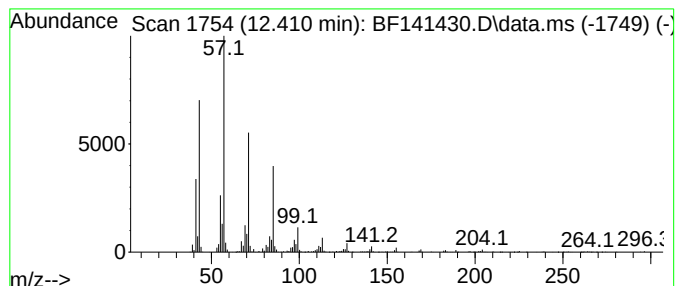
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	22.11 ng	1046120	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3			Nonadecane	268	C19H40	000629-92-5	91
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
Operator : RC/JU
Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-020325

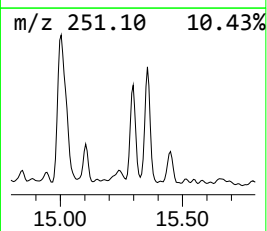
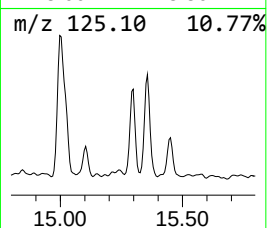
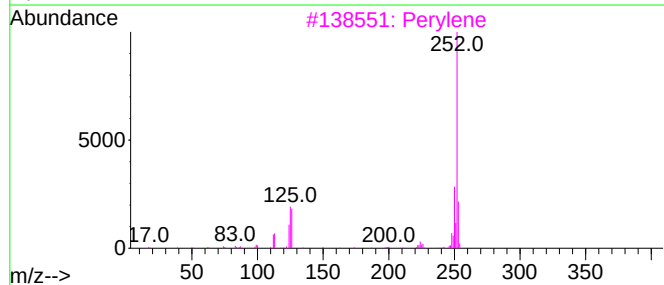
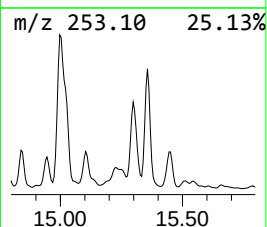
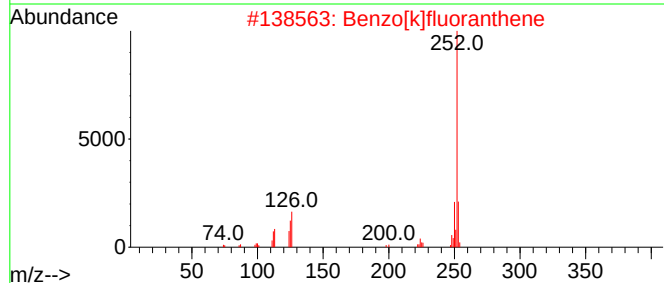
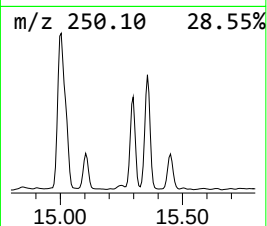
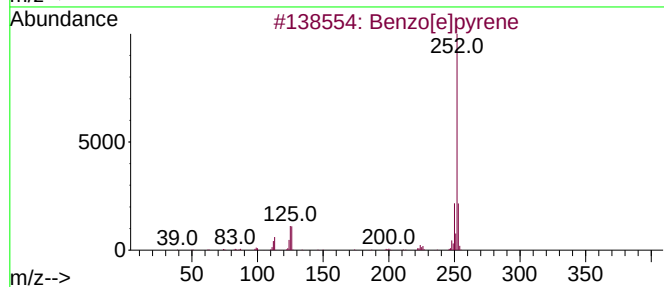
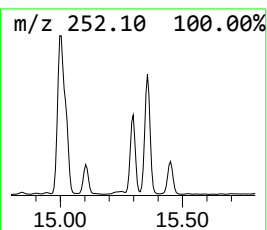
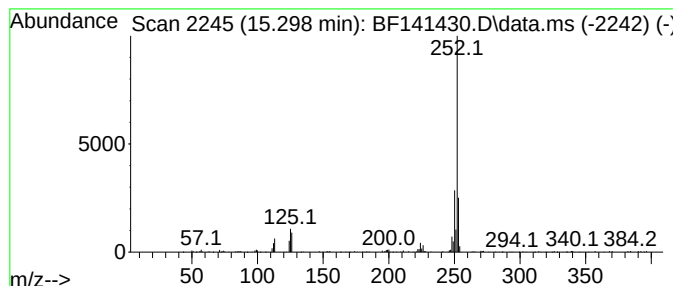
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	9.70 ng	184367	Perylene-d12	15.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141430.D
Acq On : 05 Feb 2025 00:48
Operator : RC/JU
Sample : Q1276-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-020325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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	8.669	13.4	ng	1638930	2	8.069	2443670	20.0
1-Iodoundecane	9.028	10.1	ng	449857	3	9.828	894660	20.0
Dodecane, 2,6,1...	9.098	12.3	ng	549003	3	9.828	894660	20.0
Tetradecane	9.233	47.5	ng	2124250	3	9.828	894660	20.0
Naphthalene, 1,...	9.298	8.8	ng	393388	3	9.828	894660	20.0
unknown9.486	9.486	14.8	ng	660452	3	9.828	894660	20.0
Hexadecane	9.551	26.3	ng	1176700	3	9.828	894660	20.0
Pentadecane	9.763	42.1	ng	1883910	3	9.828	894660	20.0
unknown9.998	9.998	10.4	ng	462931	3	9.828	894660	20.0
Undecane, 2,10-...	10.086	9.0	ng	403246	3	9.828	894660	20.0
Pentadecane, 7-...	10.263	41.9	ng	1871970	3	9.828	894660	20.0
Heptadecane, 2,...	10.480	21.9	ng	980799	3	9.828	894660	20.0
Benzophenone	10.539	9.4	ng	422229	3	9.828	894660	20.0
Nonadecane	10.739	55.9	ng	2642200	4	11.316	946114	20.0
Octadecane	11.186	36.0	ng	1701560	4	11.316	946114	20.0
Hexadecane, 2,6...	11.216	14.2	ng	670466	4	11.316	946114	20.0
Heptadecane	11.616	28.7	ng	1355680	4	11.316	946114	20.0
Tridecane, 7-he...	12.022	22.4	ng	1061870	4	11.316	946114	20.0
Heneicosane	12.410	22.1	ng	1046120	4	11.316	946114	20.0
Benzo[e]pyrene	15.298	9.7	ng	184367	6	15.421	380094	20.0