

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144221.D
 Acq On : 12 Nov 2025 00:26
 Operator : RC/JU
 Sample : Q3588-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11072025

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144221.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.092	489	493	504	rVB	13469	22766	1.71%	0.194%
2	5.492	555	561	586	rBV	826845	1107908	83.10%	9.454%
3	6.498	727	732	742	rBV	885705	1175999	88.20%	10.036%
4	6.869	791	795	802	rBV	343290	444029	33.30%	3.789%
5	7.433	882	891	901	rBV	562733	737007	55.28%	6.289%
6	8.157	1000	1014	1019	rBV	431559	649427	48.71%	5.542%
7	8.204	1020	1022	1026	rVV3	23285	31127	2.33%	0.266%
8	8.445	1058	1063	1068	rVB5	18721	29584	2.22%	0.252%
9	8.498	1068	1072	1075	rBV4	9224	13353	1.00%	0.114%
10	8.533	1075	1078	1081	rVV3	12659	17393	1.30%	0.148%
11	8.569	1081	1084	1091	rVV2	21113	31316	2.35%	0.267%
12	8.657	1095	1099	1103	rBV	29985	38491	2.89%	0.328%
13	8.739	1108	1113	1118	rBV	69063	94723	7.10%	0.808%
14	8.816	1123	1126	1133	rVB6	14793	34815	2.61%	0.297%
15	8.975	1149	1153	1158	rBV3	28940	44276	3.32%	0.378%
16	9.104	1171	1175	1180	rVB3	20355	30540	2.29%	0.261%
17	9.169	1183	1186	1191	rVV2	25483	32690	2.45%	0.279%
18	9.227	1191	1196	1202	rVV	1051976	1333295	100.00%	11.378%
19	9.304	1205	1209	1214	rBV	86044	113881	8.54%	0.972%
20	9.380	1219	1222	1225	rVB2	19485	22450	1.68%	0.192%
21	9.569	1247	1254	1260	rBV8	19083	60756	4.56%	0.518%
22	9.627	1260	1264	1267	rVV3	44060	70217	5.27%	0.599%
23	9.686	1271	1274	1278	rVB2	19154	23185	1.74%	0.198%
24	9.839	1293	1300	1304	rVV	90084	129483	9.71%	1.105%
25	9.910	1304	1312	1320	rVV	468084	627555	47.07%	5.355%
26	10.022	1327	1331	1335	rVB5	10661	16961	1.27%	0.145%
27	10.069	1335	1339	1341	rBV2	13376	18114	1.36%	0.155%
28	10.163	1351	1355	1358	rBV3	17861	24189	1.81%	0.206%
29	10.233	1363	1367	1371	rBV6	11467	19243	1.44%	0.164%
30	10.339	1379	1385	1389	rBV	87824	117998	8.85%	1.007%
31	10.557	1417	1422	1428	rBV	35884	56925	4.27%	0.486%
32	10.627	1428	1434	1440	rVV	91490	134696	10.10%	1.149%
33	10.704	1440	1447	1458	rVV	529304	714514	53.59%	6.097%
34	10.816	1461	1466	1475	rVB	85608	145694	10.93%	1.243%
35	11.263	1537	1542	1545	rBV	58600	81848	6.14%	0.698%
36	11.292	1545	1547	1553	rVB2	30036	39489	2.96%	0.337%

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Instrument :
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 ClientSampleId :
 TR-06-11072025

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-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.404	1561	1566	1577	rBV	404468	589868	44.24%	5.034%
38	11.692	1610	1615	1619	rVB	43525	55686	4.18%	0.475%
39	11.927	1648	1655	1662	rBV4	44097	87222	6.54%	0.744%
40	12.021	1668	1671	1678	rVB5	15815	28745	2.16%	0.245%
41	12.098	1680	1684	1688	rVB	37113	44534	3.34%	0.380%
42	12.180	1694	1698	1704	rBV7	7238	14962	1.12%	0.128%
43	12.486	1747	1750	1755	rVB	29437	38798	2.91%	0.331%
44	12.621	1768	1773	1777	rBV	74339	97627	7.32%	0.833%
45	12.716	1786	1789	1794	rBV6	10638	15694	1.18%	0.134%
46	12.851	1806	1812	1819	rBV2	74356	122926	9.22%	1.049%
47	12.992	1828	1836	1845	rBV	838689	1092623	81.95%	9.324%
48	13.174	1861	1867	1871	rBV2	13387	27711	2.08%	0.236%
49	13.215	1871	1874	1877	rBV2	17224	21196	1.59%	0.181%
50	13.286	1882	1886	1893	rVV5	12714	22172	1.66%	0.189%
51	13.474	1915	1918	1925	rVB8	11166	21173	1.59%	0.181%
52	13.563	1929	1933	1936	rBV	21322	28372	2.13%	0.242%
53	13.892	1985	1989	2000	rVB2	42310	77988	5.85%	0.666%
54	14.051	2010	2016	2027	rVB	361389	556355	41.73%	4.748%
55	14.210	2040	2043	2049	rVB3	18734	26478	1.99%	0.226%
56	15.104	2192	2195	2202	rBV2	29464	59320	4.45%	0.506%
57	15.539	2264	2269	2280	rVB	241227	402934	30.22%	3.438%

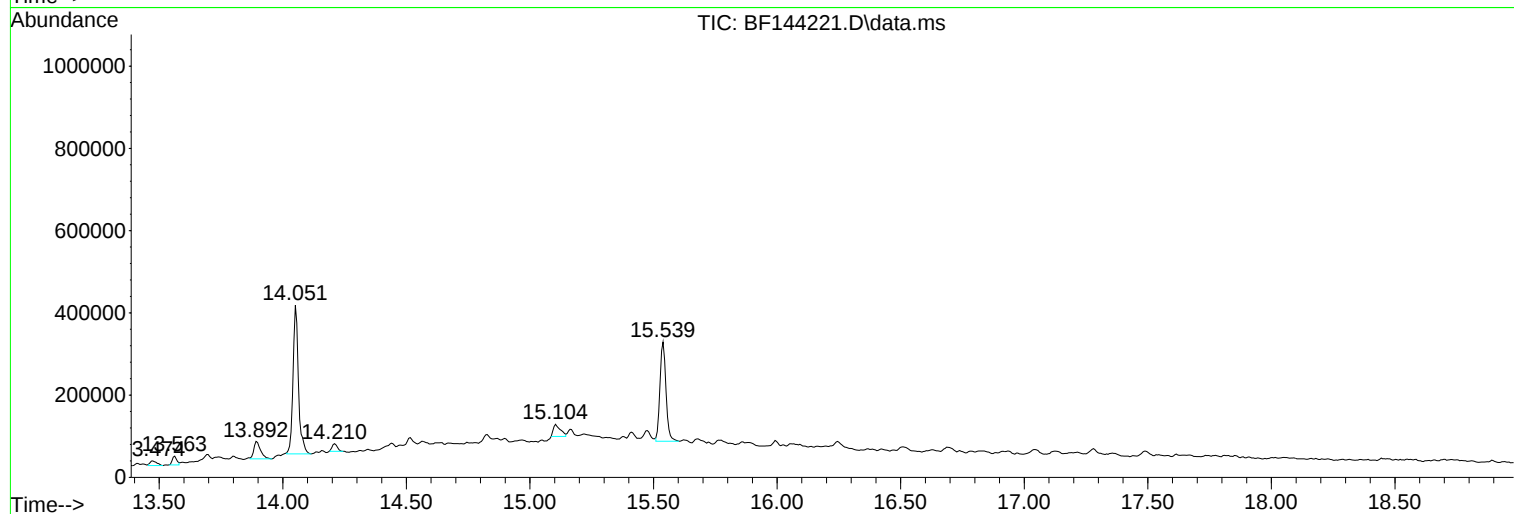
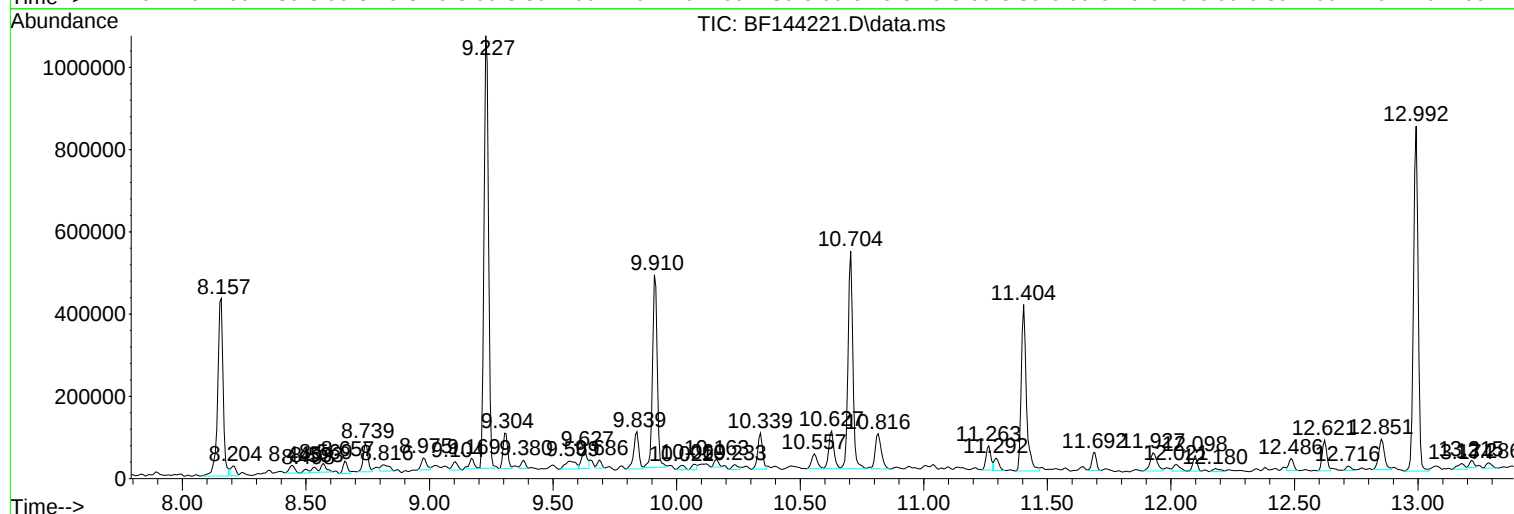
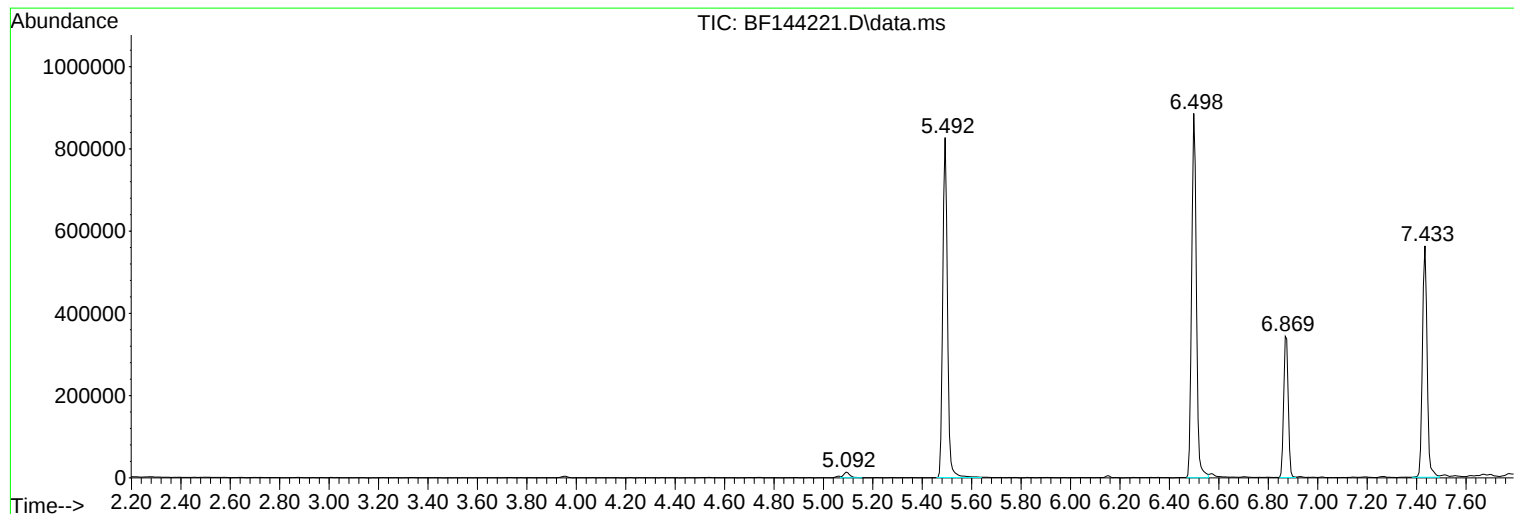
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q3588-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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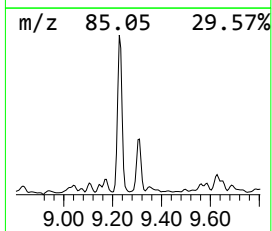
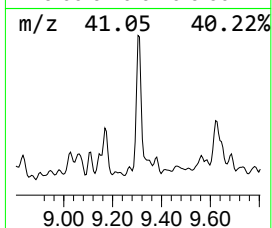
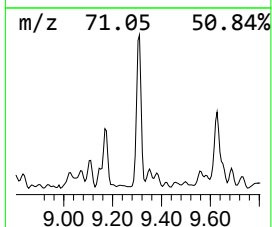
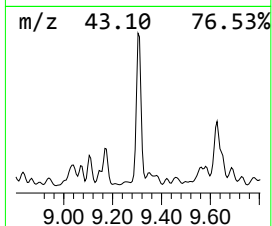
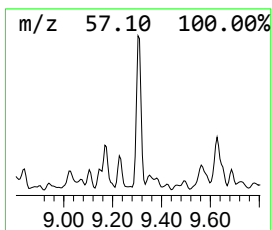
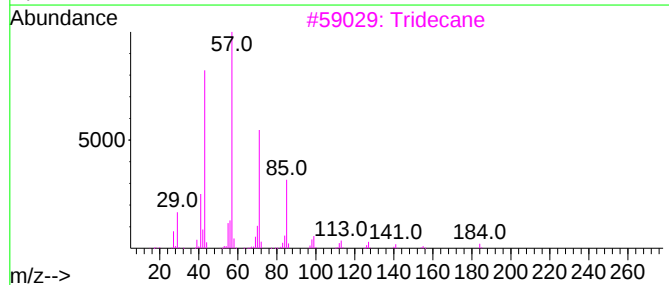
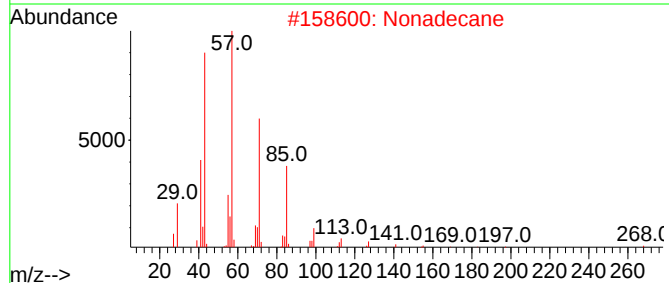
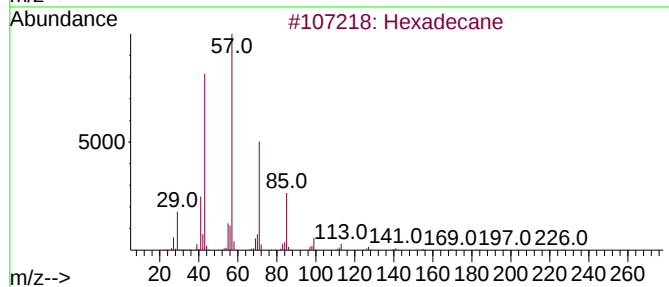
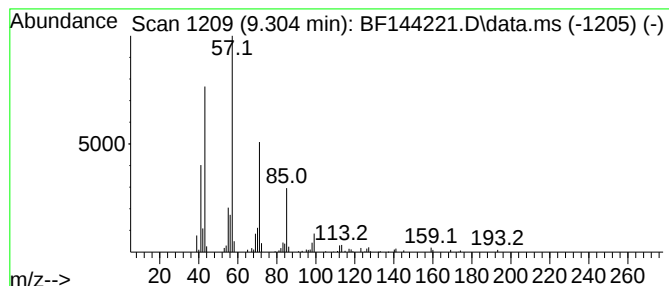
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	3.63 ng	113881	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Nonadecane	268	C19H40	000629-92-5	86
3		Tridecane	184	C13H28	000629-50-5	86
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
5		Tetradecane	198	C14H30	000629-59-4	83



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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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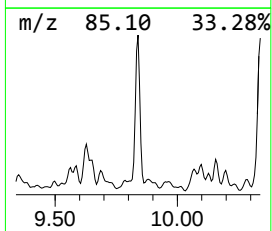
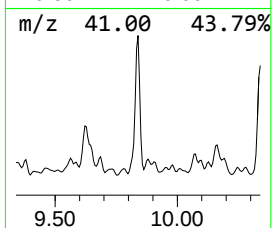
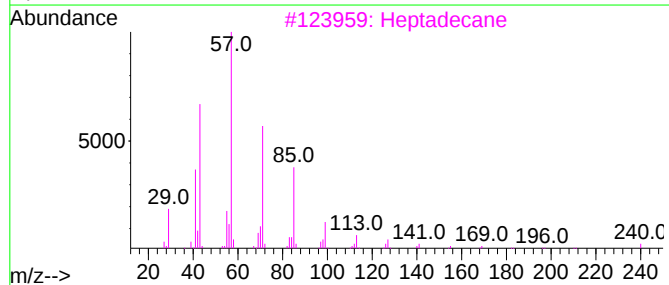
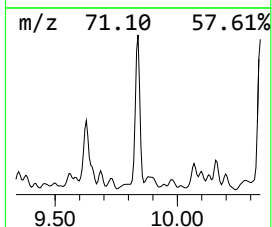
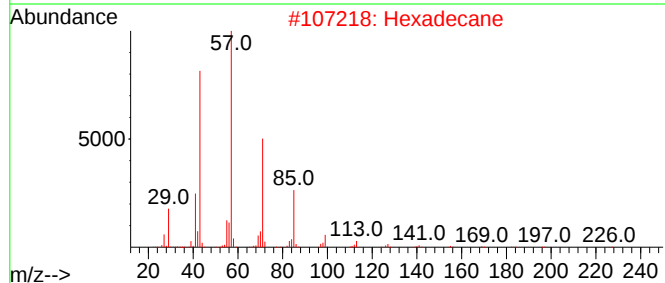
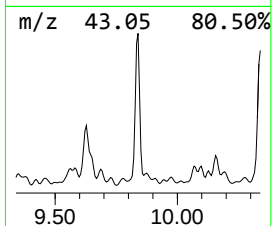
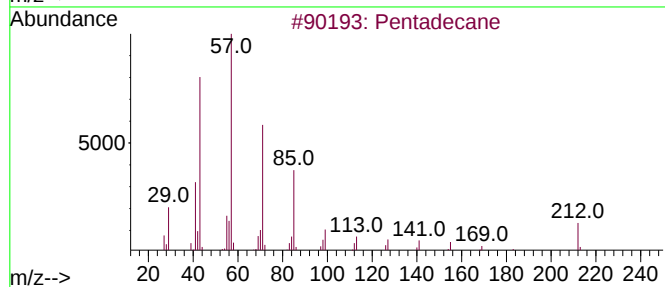
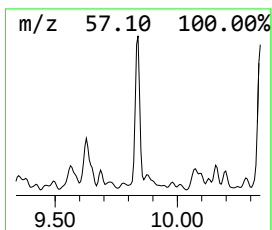
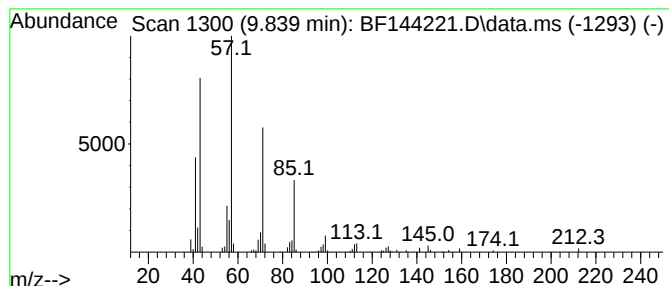
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	4.13 ng	129483	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Heptadecane	240	C17H36	000629-78-7	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

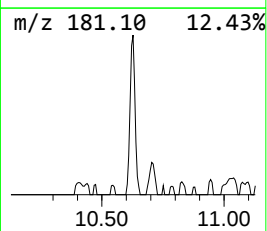
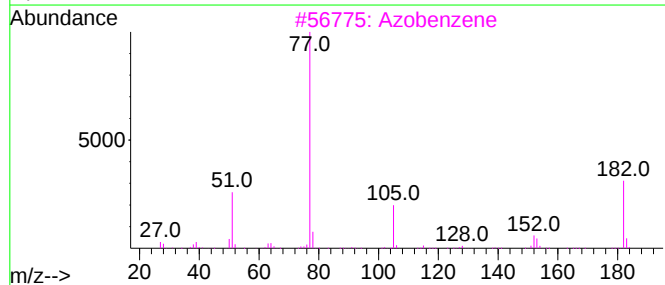
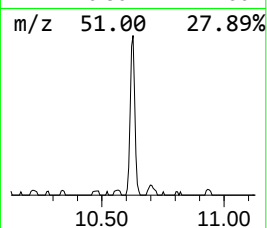
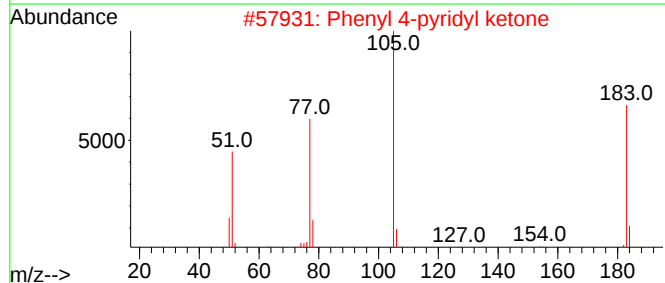
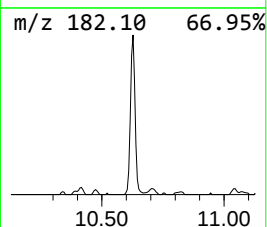
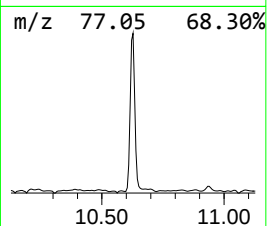
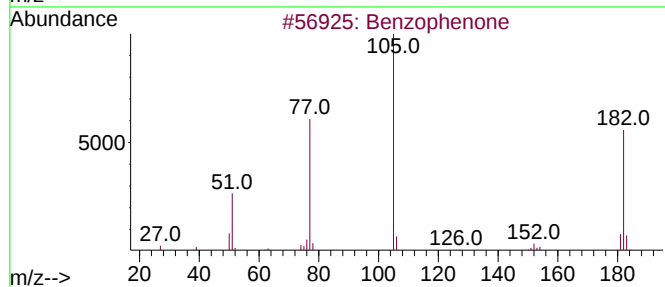
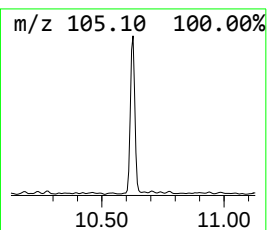
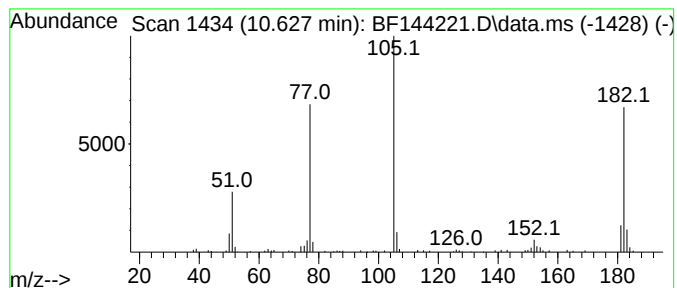
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.627	4.29 ng	134696	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone		183	C12H9NO	014548-46-0	64
3	Azobenzene		182	C12H10N2	000103-33-3	64
4	Benzenecarbothioic acid, S-methy...		152	C8H8OS	005925-68-8	49
5	Acetophenone, 2-chloro-		154	C8H7ClO	000532-27-4	46



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Misc :
ALS Vial : 16 Sample Multiplier: 1

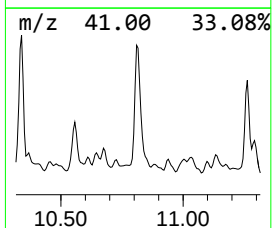
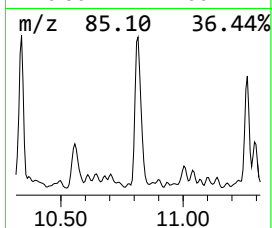
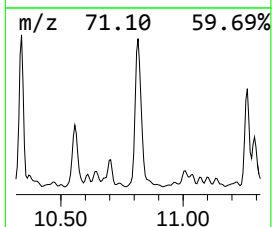
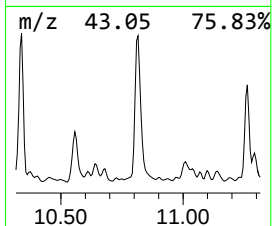
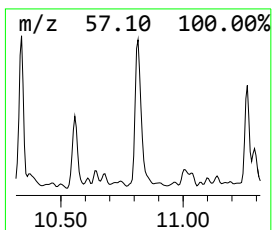
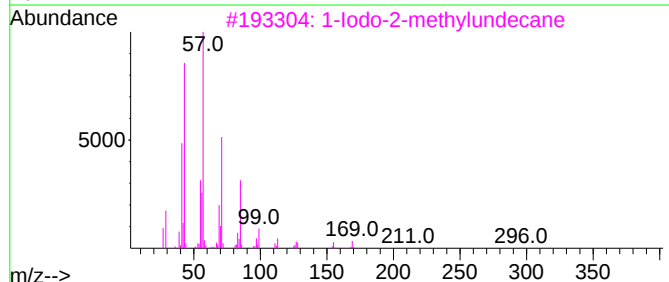
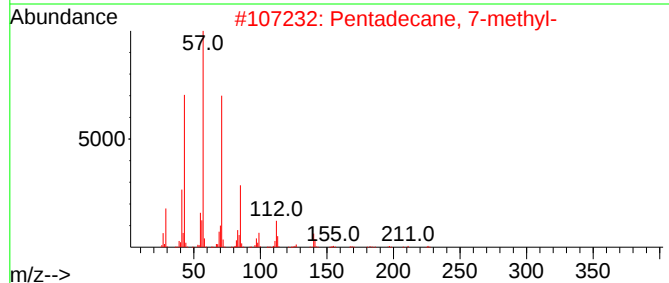
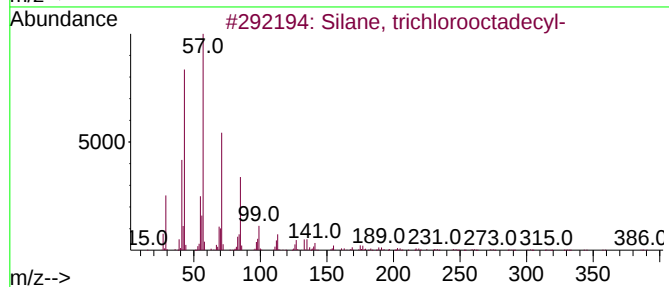
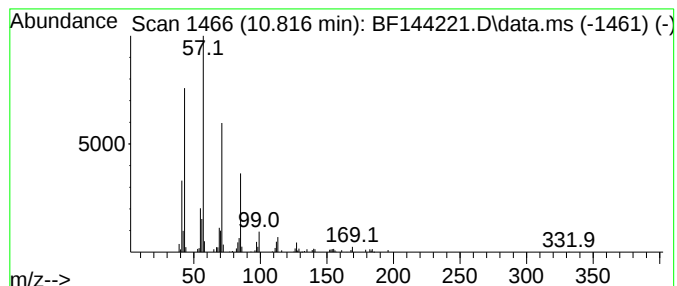
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Silane, trichlorooctadecyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.816	4.94 ng	145694	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	91
2	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	86
3	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	86
4	Tetracosane		338	C24H50	000646-31-1	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



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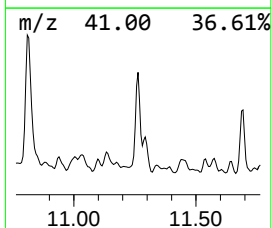
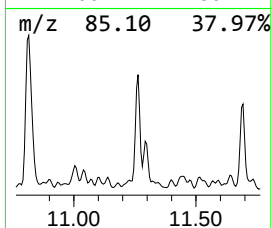
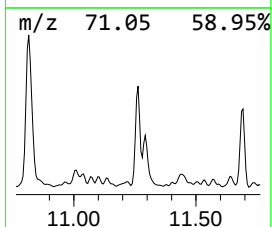
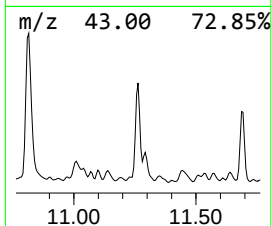
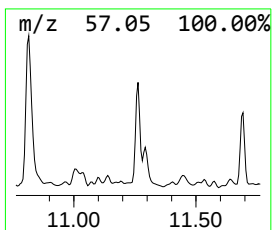
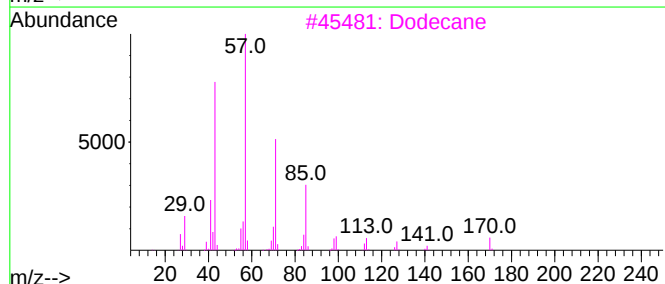
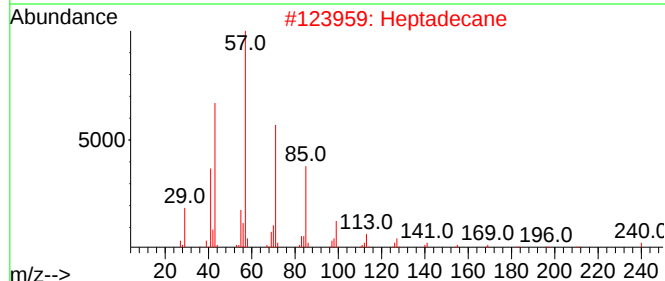
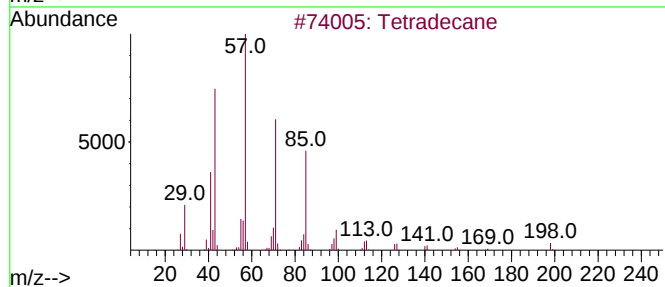
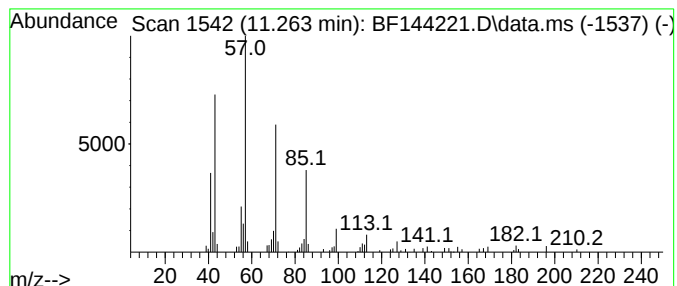
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	2.78 ng	81848	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Heptadecane	240	C17H36	000629-78-7	86
3		Dodecane	170	C12H26	000112-40-3	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144221.D
Acq On : 12 Nov 2025 00:26
Operator : RC/JU
Sample : Q3588-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

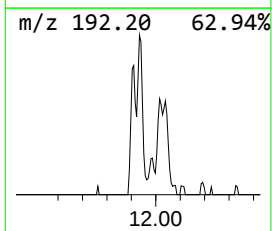
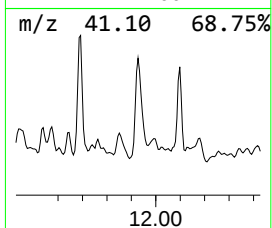
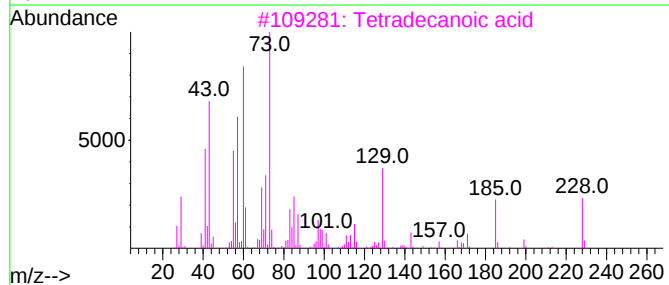
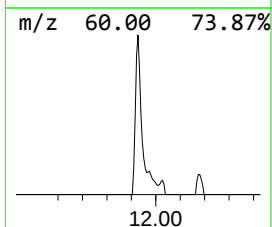
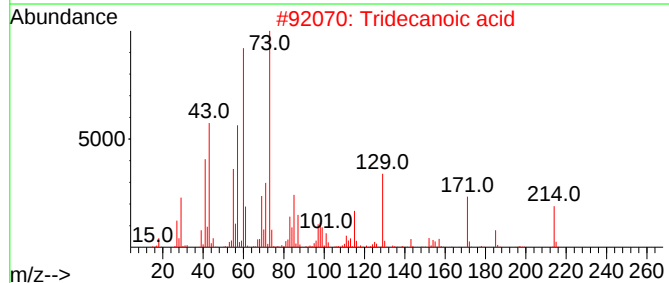
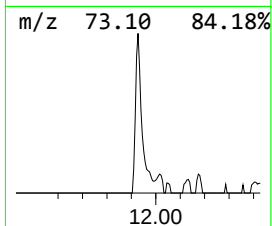
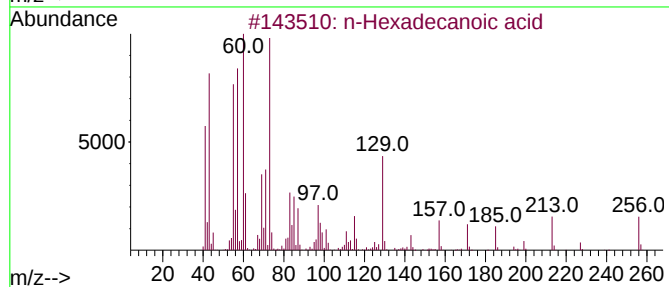
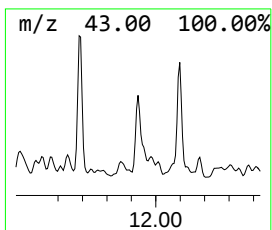
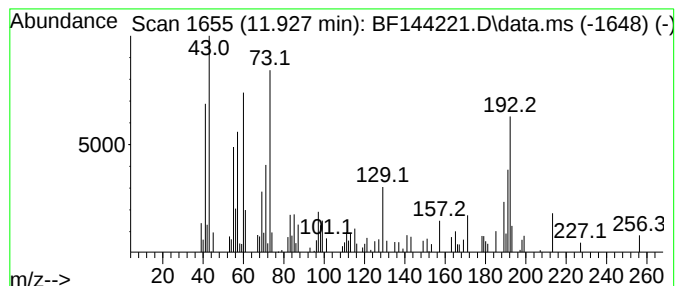
Instrument :
BNA_F
ClientSampleId :
TR-06-11072025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.927	2.96 ng	87222	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	Tridecanoic acid		214	C13H26O2	000638-53-9	43
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	43
4	n-Decanoic acid		172	C10H20O2	000334-48-5	38
5	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144221.D
Acq On : 12 Nov 2025 00:26
Operator : RC/JU
Sample : Q3588-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-11072025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecane	9.304	3.6	ng	113881	3	9.910	627555	20.0
Pentadecane	9.839	4.1	ng	129483	3	9.910	627555	20.0
Benzophenone	10.627	4.3	ng	134696	3	9.910	627555	20.0
Silane, trichlo...	10.816	4.9	ng	145694	4	11.404	589868	20.0
Tetradecane	11.263	2.8	ng	81848	4	11.404	589868	20.0
n-Hexadecanoic ...	11.927	3.0	ng	87222	4	11.404	589868	20.0