

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144419.D
 Acq On : 03 Dec 2025 15:07
 Operator : RC/JU
 Sample : Q3741-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B50-SP3-111925

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: BF144419.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.928	291	295	302	rVB	5683	9376	1.11%	0.087%
2	5.075	485	490	500	rBV	156078	225991	26.67%	2.087%
3	5.487	555	560	579	rVB	461292	673864	79.52%	6.223%
4	6.498	727	732	755	rBV	470164	669244	78.98%	6.181%
5	6.687	760	764	768	rBV3	6701	8825	1.04%	0.082%
6	6.863	789	794	800	rBV	374620	470582	55.53%	4.346%
7	6.922	800	804	812	rVB3	6522	10699	1.26%	0.099%
8	7.422	884	889	898	rBV	331640	431508	50.92%	3.985%
9	8.145	1003	1012	1018	rBV	438254	594743	70.19%	5.493%
10	8.198	1018	1021	1024	rVB2	8724	9890	1.17%	0.091%
11	8.363	1043	1049	1055	rBV8	4234	11214	1.32%	0.104%
12	8.434	1057	1061	1066	rVB5	5985	9821	1.16%	0.091%
13	8.557	1078	1082	1093	rVB2	16241	31444	3.71%	0.290%
14	8.728	1107	1111	1115	rBV	40473	47707	5.63%	0.441%
15	8.857	1130	1133	1137	rBV	13894	17193	2.03%	0.159%
16	8.957	1146	1150	1153	rBV	10755	12585	1.49%	0.116%
17	9.016	1157	1160	1164	rBV4	7424	14805	1.75%	0.137%
18	9.092	1170	1173	1176	rBV2	8570	9388	1.11%	0.087%
19	9.134	1176	1180	1181	rBV2	9080	9517	1.12%	0.088%
20	9.157	1181	1184	1189	rVB	21557	27178	3.21%	0.251%
21	9.216	1189	1194	1203	rBV	621189	795368	93.86%	7.346%
22	9.292	1203	1207	1211	rBV	75398	96222	11.36%	0.889%
23	9.486	1236	1240	1244	rBV	13946	17724	2.09%	0.164%
24	9.557	1244	1252	1255	rBV4	25204	50403	5.95%	0.465%
25	9.610	1257	1261	1268	rVB2	43937	77695	9.17%	0.718%
26	9.675	1269	1272	1281	rVB6	14142	25331	2.99%	0.234%
27	9.763	1283	1287	1290	rBV3	12903	15412	1.82%	0.142%
28	9.822	1290	1297	1302	rBV	89781	129713	15.31%	1.198%
29	9.904	1305	1311	1316	rVV	428288	559673	66.05%	5.169%
30	10.004	1325	1328	1332	rVB3	9741	13021	1.54%	0.120%
31	10.051	1333	1336	1339	rBV3	9964	15580	1.84%	0.144%
32	10.145	1349	1352	1356	rVB3	22844	29547	3.49%	0.273%
33	10.216	1361	1364	1367	rBV3	10915	15736	1.86%	0.145%
34	10.245	1367	1369	1376	rVB6	8824	17157	2.02%	0.158%
35	10.322	1376	1382	1386	rBV	100933	144075	17.00%	1.331%
36	10.451	1400	1404	1415	rVB9	9639	24273	2.86%	0.224%

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Stop Thrs : 0

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.545	1415	1420	1426	rBV	50291	80126	9.46%	0.740%
38	10.616	1426	1432	1438	rVV	73900	118231	13.95%	1.092%
39	10.692	1438	1445	1455	rVV	297305	417103	49.22%	3.852%
40	10.804	1459	1464	1472	rVB	137504	242223	28.58%	2.237%
41	10.928	1482	1485	1491	rVB4	8189	11420	1.35%	0.105%
42	10.992	1492	1496	1499	rBV4	11684	21293	2.51%	0.197%
43	11.122	1515	1518	1520	rBV4	10676	13499	1.59%	0.125%
44	11.245	1535	1539	1542	rBV	87155	115675	13.65%	1.068%
45	11.275	1542	1544	1551	rVB2	46524	63835	7.53%	0.590%
46	11.392	1559	1564	1574	rBV	441300	638436	75.34%	5.896%
47	11.557	1589	1592	1596	rBV5	7110	11296	1.33%	0.104%
48	11.628	1601	1604	1608	rVV4	14689	22269	2.63%	0.206%
49	11.675	1608	1612	1616	rVB	64120	78019	9.21%	0.721%
50	11.910	1647	1652	1659	rBV2	66400	131713	15.54%	1.216%
51	12.080	1677	1681	1686	rBV	44855	59864	7.06%	0.553%
52	12.133	1687	1690	1693	rVV4	10016	14300	1.69%	0.132%
53	12.475	1745	1748	1752	rVB	26930	32751	3.86%	0.302%
54	12.610	1767	1771	1776	rBV	74342	95684	11.29%	0.884%
55	12.839	1805	1810	1816	rBV	86402	133569	15.76%	1.234%
56	12.980	1828	1834	1842	rBV	639861	847391	100.00%	7.826%
57	14.045	2009	2015	2026	rVB2	508266	842137	99.38%	7.777%
58	15.092	2189	2193	2201	rBV	119580	271271	32.01%	2.505%
59	15.398	2242	2245	2251	rVB	88093	134604	15.88%	1.243%
60	15.463	2252	2256	2261	rVV	142410	223208	26.34%	2.061%
61	15.527	2262	2267	2282	rVB	432268	755203	89.12%	6.975%
62	17.027	2517	2522	2531	rVB2	62069	130297	15.38%	1.203%

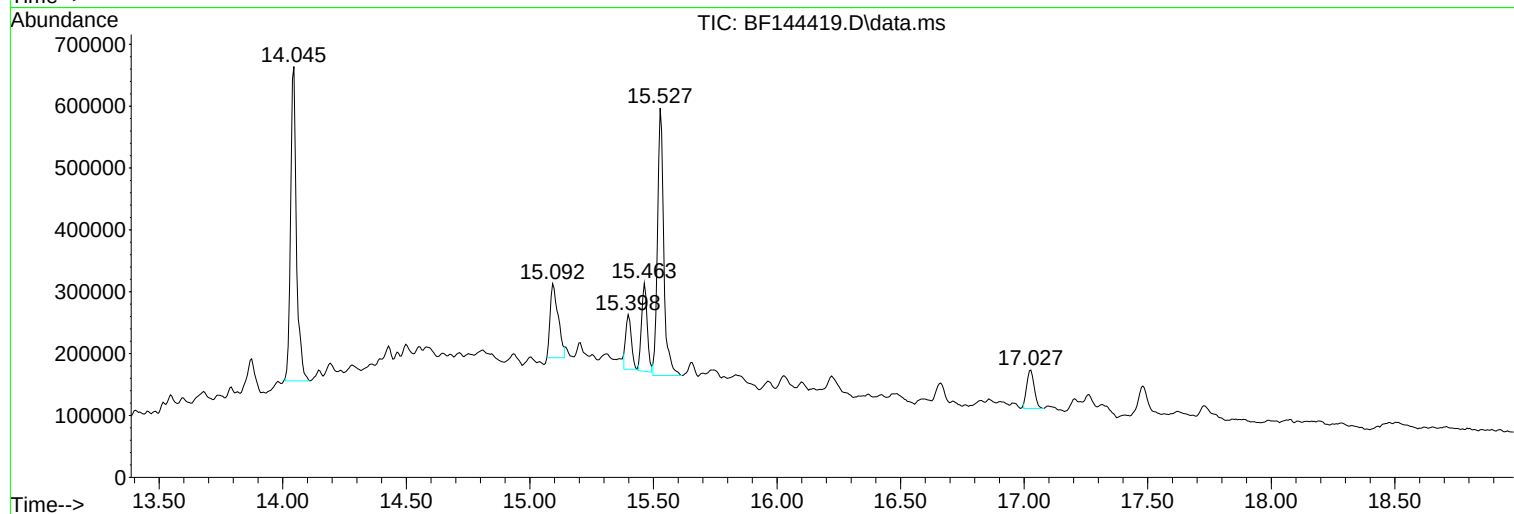
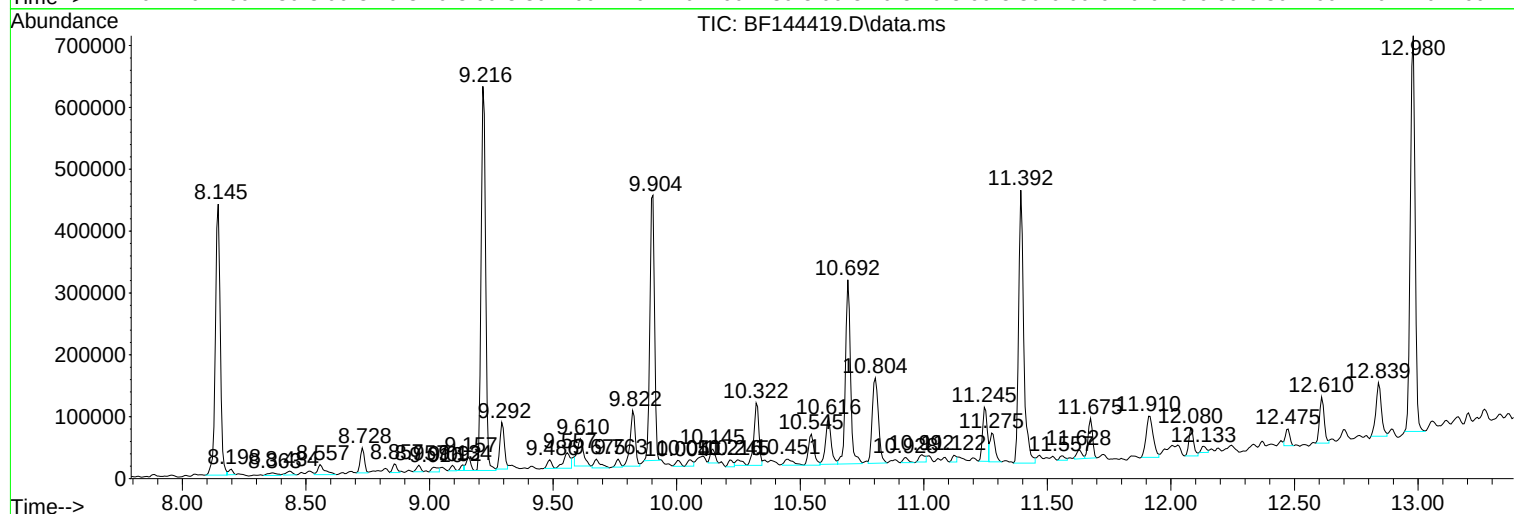
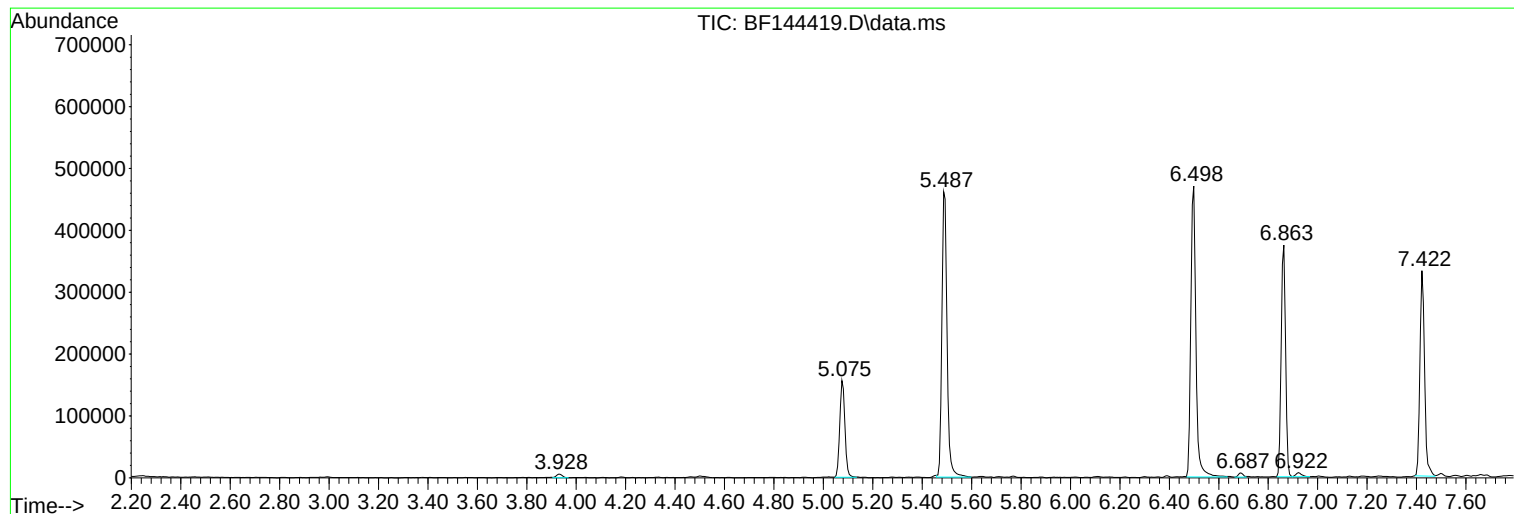
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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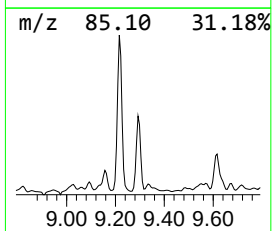
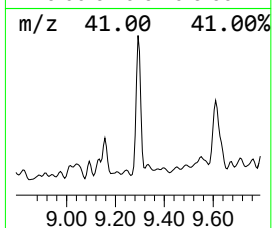
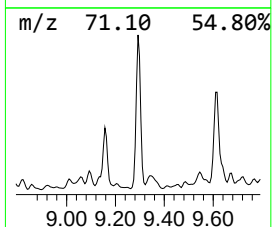
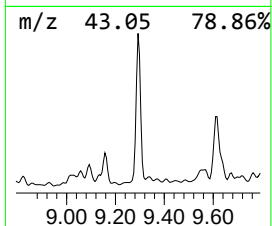
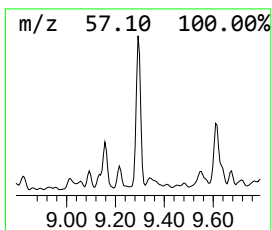
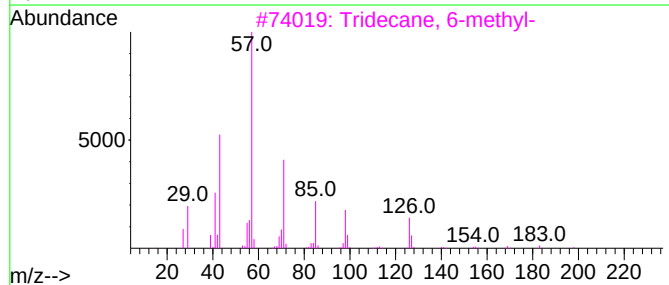
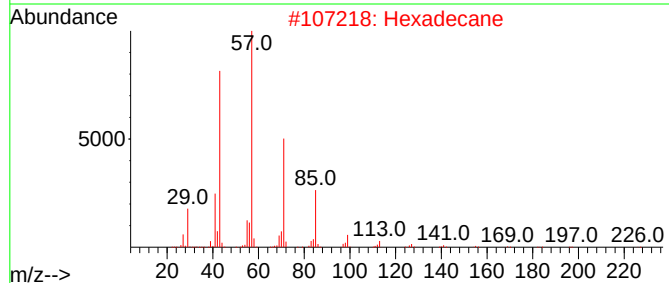
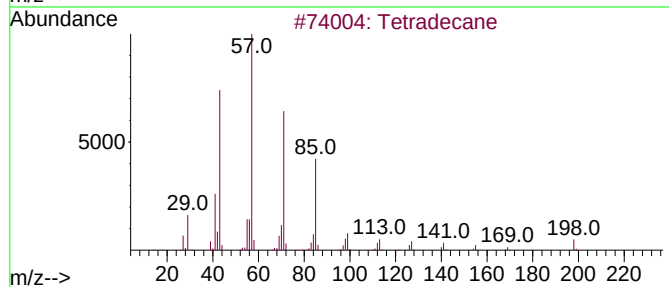
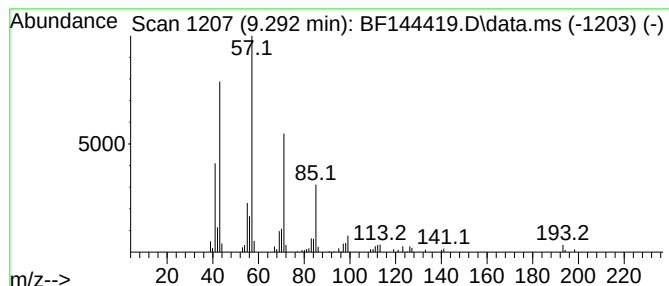
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	3.44 ng	96222	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Tridecane	184	C13H28	000629-50-5	90



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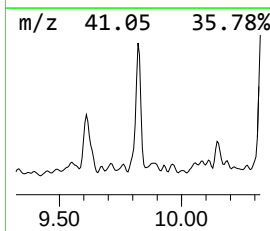
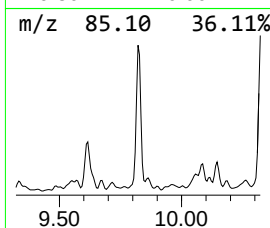
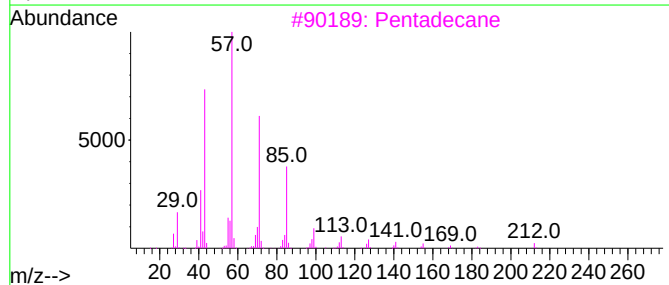
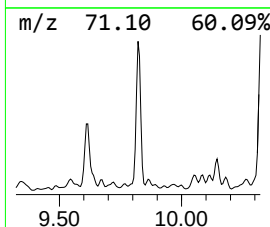
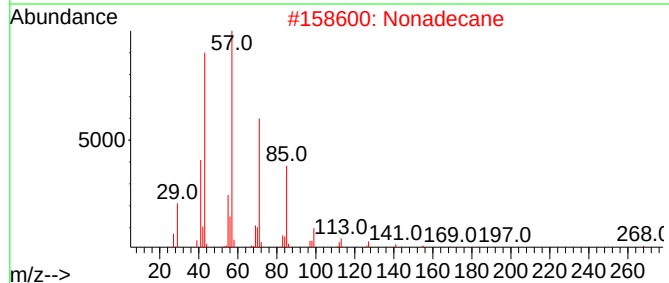
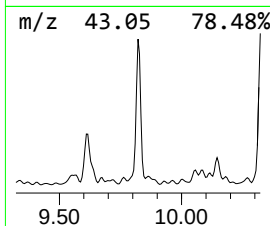
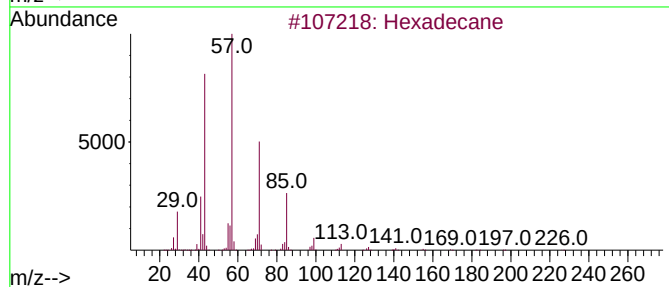
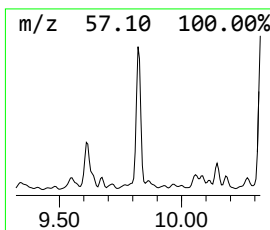
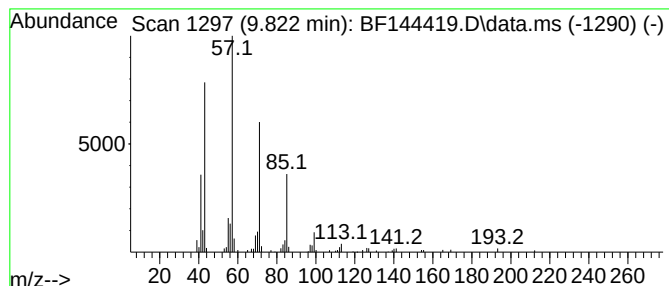
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.822	4.64 ng	129713	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80



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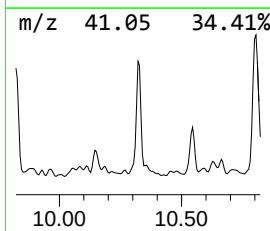
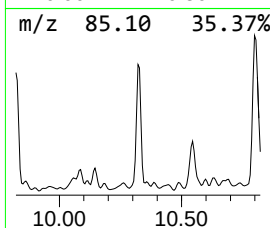
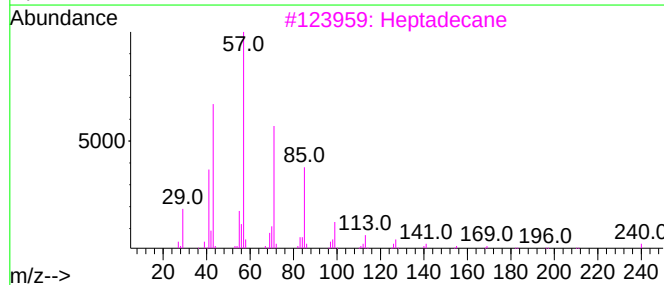
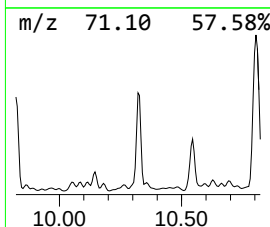
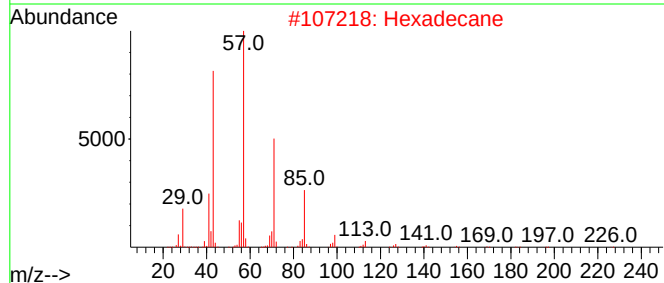
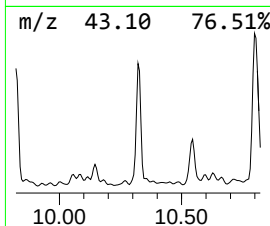
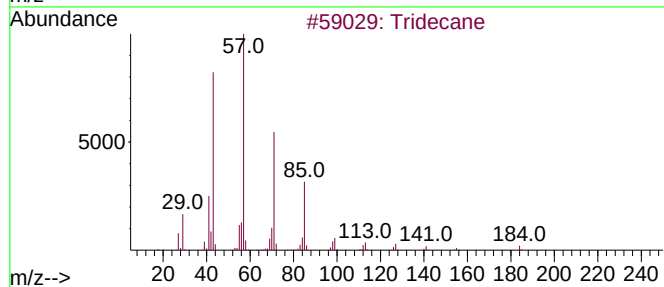
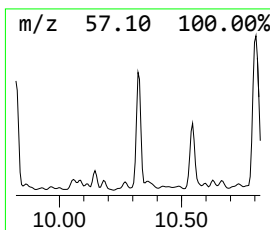
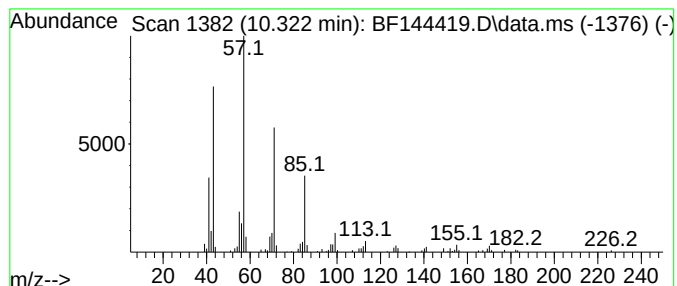
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	5.15 ng	144075	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Pentadecane	212	C15H32	000629-62-9	87
5			Eicosane	282	C20H42	000112-95-8	86



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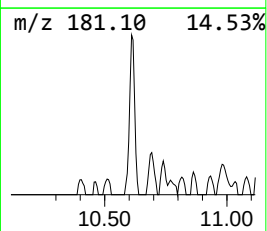
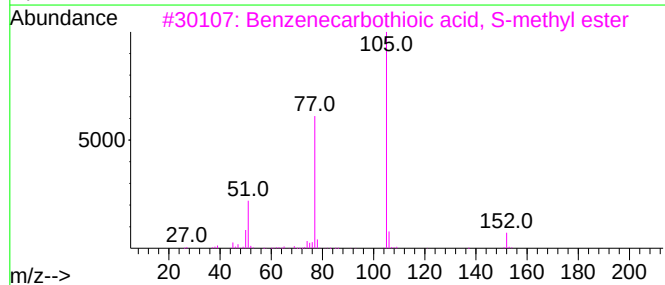
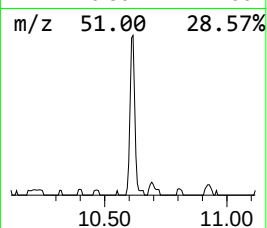
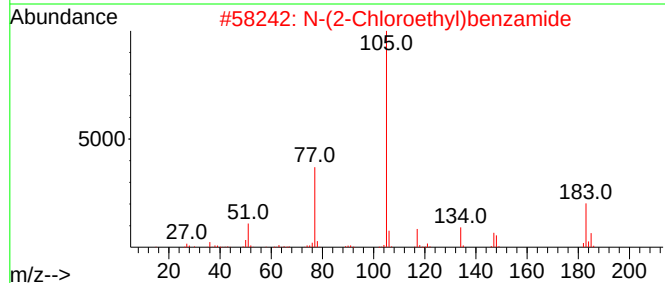
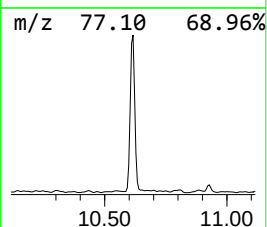
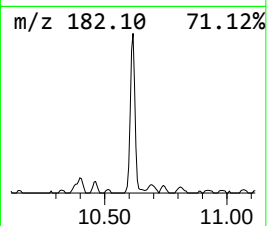
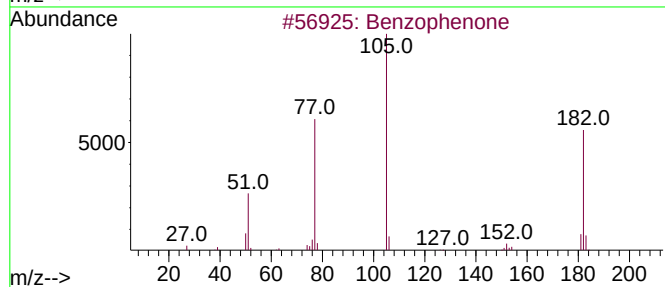
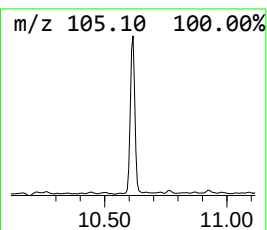
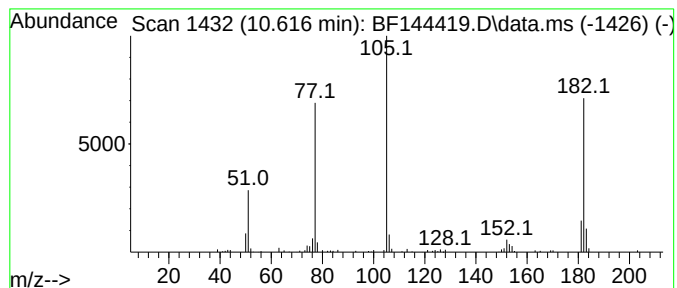
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.22 ng	118231	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			N-(2-Chloroethyl)benzamide	183	C9H10ClNO	026385-07-9	47
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4			Benzoylformic acid	150	C8H6O3	000611-73-4	45
5			Azobenzene	182	C12H10N2	000103-33-3	43



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B50-SP3-111925

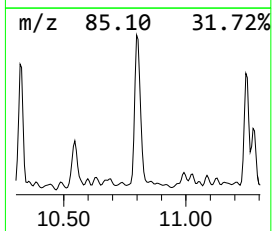
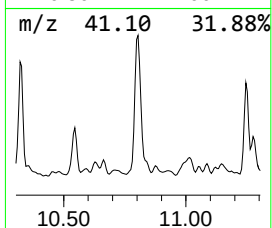
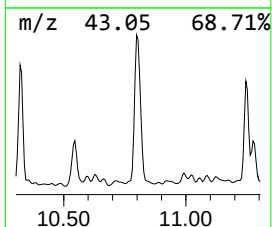
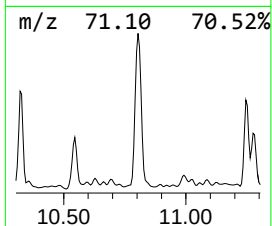
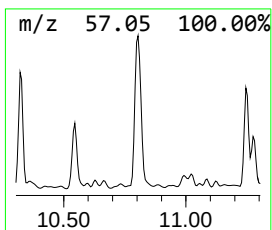
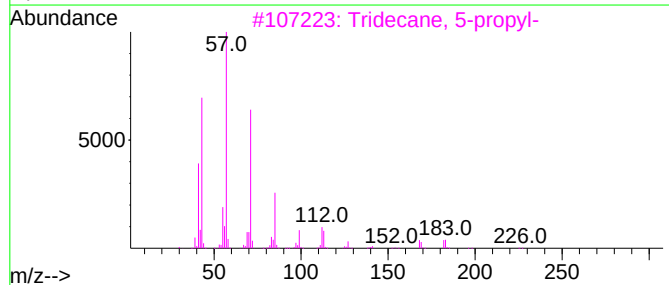
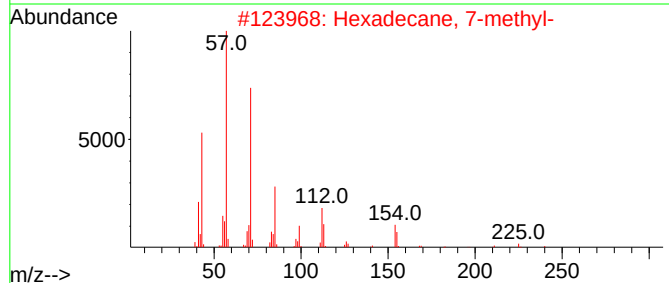
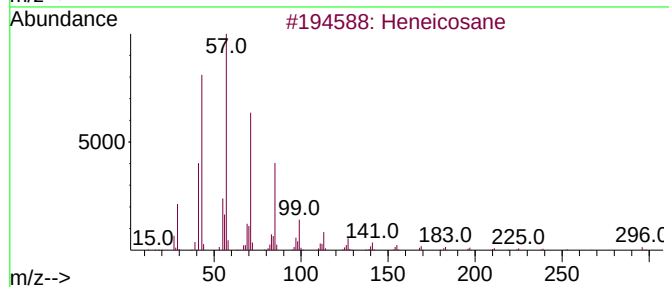
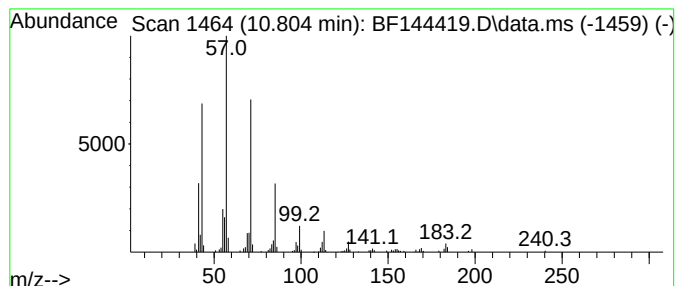
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	7.59 ng	242223	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4			Tetracosane	338	C24H50	000646-31-1	86
5			Decane, 2-methyl-	156	C11H24	006975-98-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144419.D
Acq On : 03 Dec 2025 15:07
Operator : RC/JU
Sample : Q3741-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

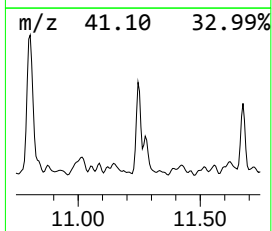
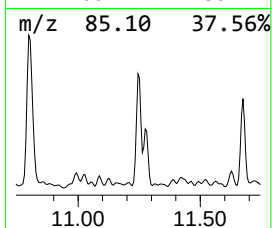
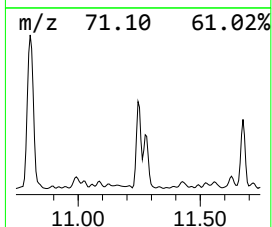
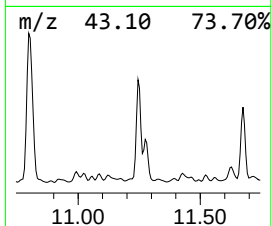
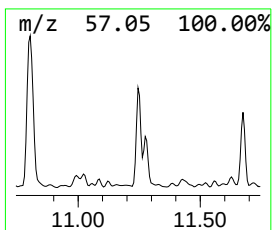
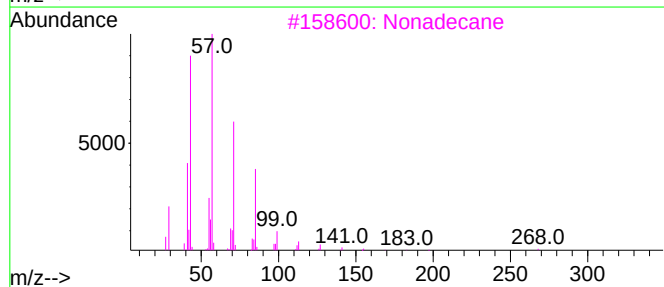
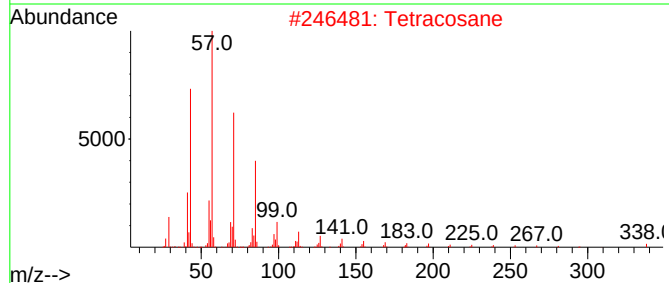
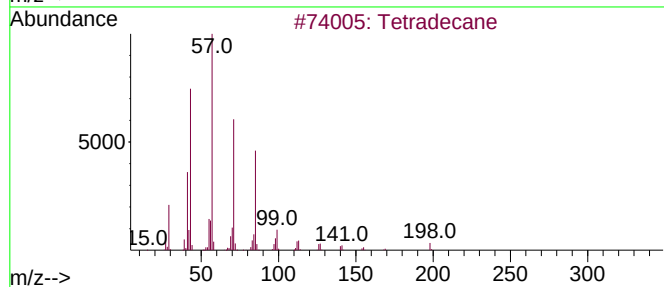
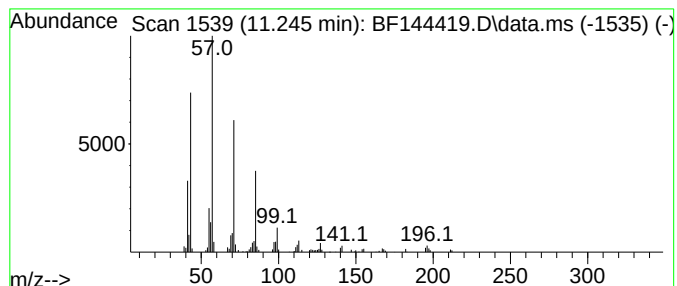
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	3.62 ng	115675	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tetracosane	338	C24H50	000646-31-1	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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Operator : RC/JU
Sample : Q3741-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

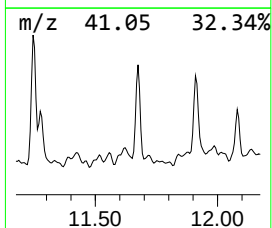
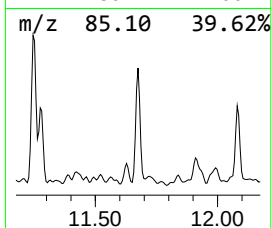
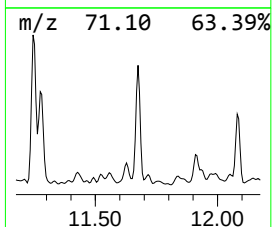
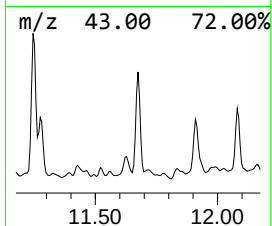
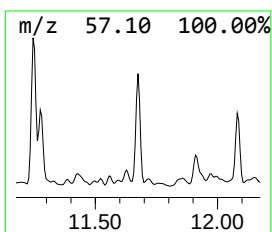
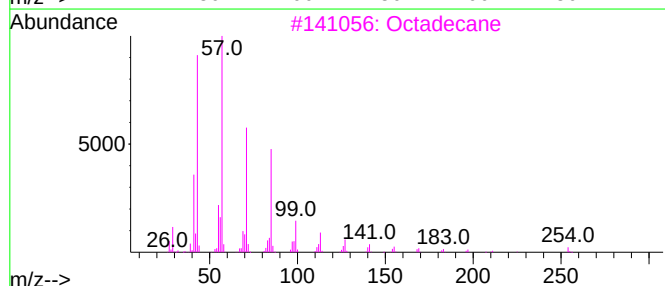
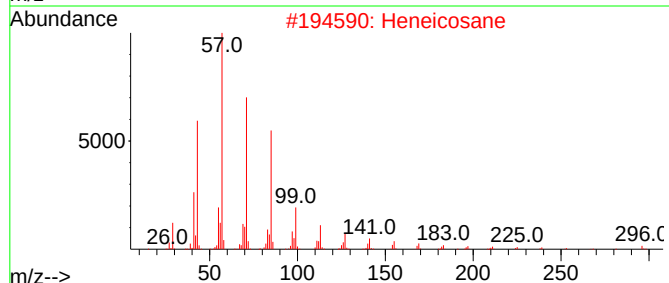
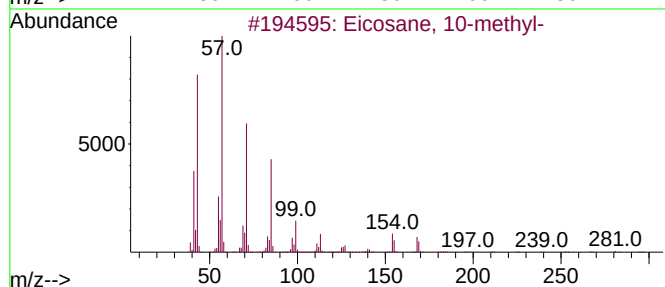
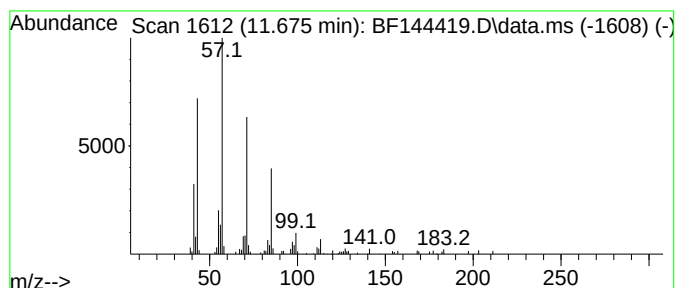
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane, 10-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.675	2.44 ng	78019	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144419.D
Acq On : 03 Dec 2025 15:07
Operator : RC/JU
Sample : Q3741-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

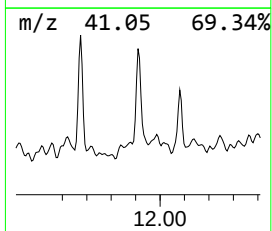
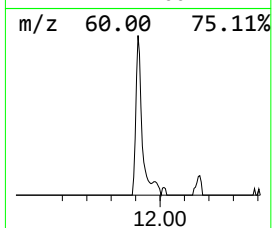
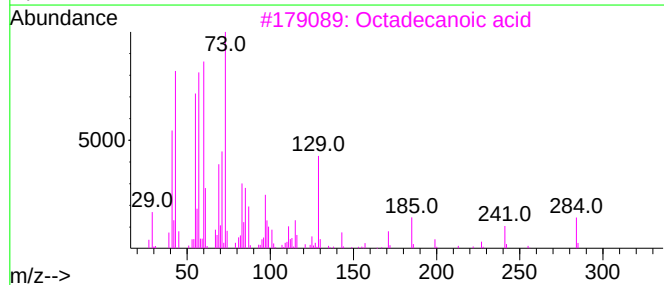
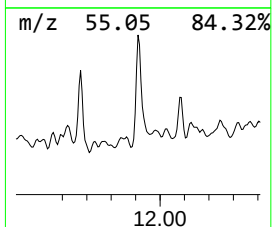
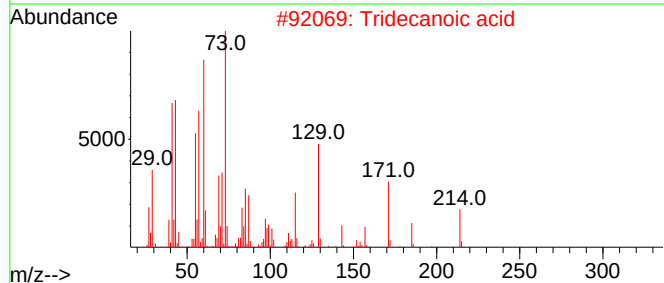
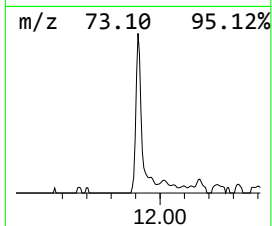
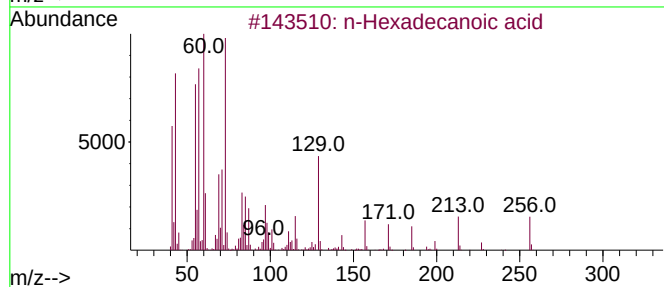
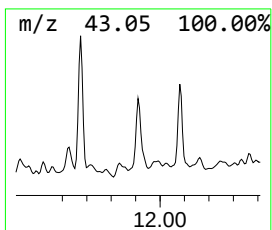
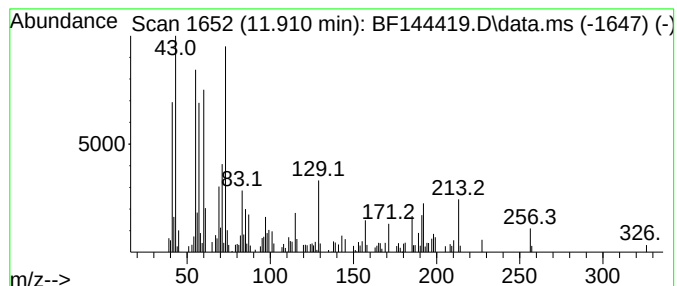
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.910	4.13 ng	131713	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	91
3	Octadecanoic acid		284	C18H36O2	000057-11-4	76
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	62
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144419.D
Acq On : 03 Dec 2025 15:07
Operator : RC/JU
Sample : Q3741-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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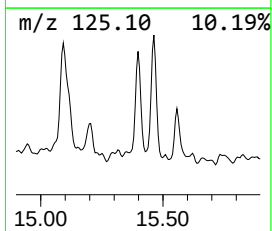
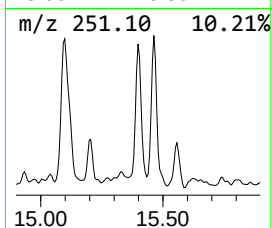
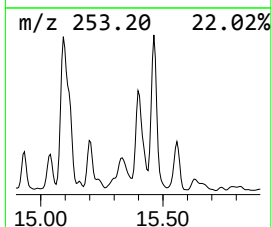
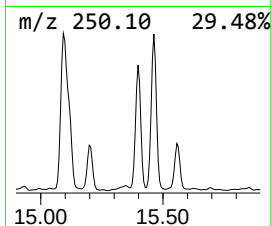
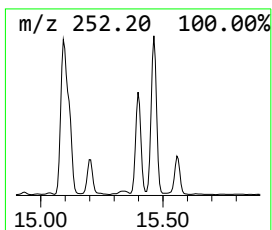
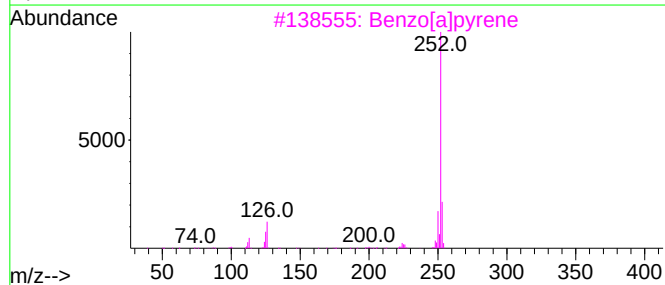
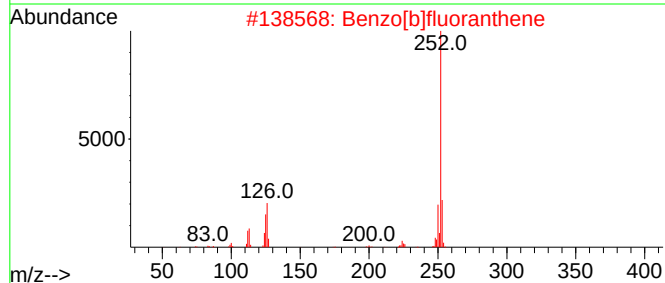
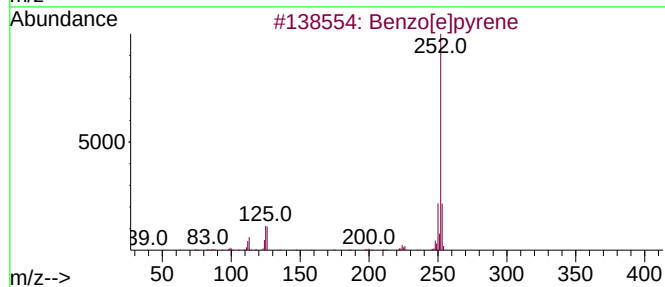
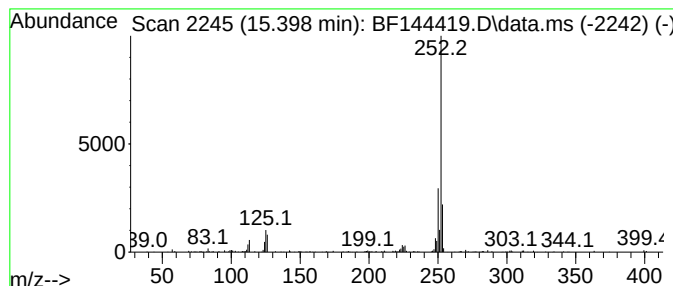
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	3.56 ng	134604	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144419.D
Acq On : 03 Dec 2025 15:07
Operator : RC/JU
Sample : Q3741-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP3-111925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
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Hexadecane	9.822	4.6	ng	129713	3	9.904	559673	20.0
Tridecane	10.322	5.2	ng	144075	3	9.904	559673	20.0
Benzophenone	10.616	4.2	ng	118231	3	9.904	559673	20.0
Heneicosane	10.804	7.6	ng	242223	4	11.392	638436	20.0
Tetracosane	11.245	3.6	ng	115675	4	11.392	638436	20.0
Eicosane, 10-me...	11.675	2.4	ng	78019	4	11.392	638436	20.0
n-Hexadecanoic ...	11.910	4.1	ng	131713	4	11.392	638436	20.0
Benzo[e]pyrene	15.398	3.6	ng	134604	6	15.527	755203	20.0