

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142633.D
 Acq On : 05 Jun 2025 14:37
 Operator : RC/JU
 Sample : Q2199-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-343

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	506	rBV	150988	219938	9.95%	0.970%
2	5.510	558	564	577	rBV	1447486	1952036	88.33%	8.607%
3	6.522	729	736	741	rBV	1358954	1887811	85.42%	8.324%
4	6.893	794	799	805	rBV	613048	757730	34.29%	3.341%
5	7.457	888	895	900	rBV	937218	1227622	55.55%	5.413%
6	8.181	1012	1018	1035	rBV	728841	957336	43.32%	4.221%
7	9.251	1195	1200	1205	rBV	1778244	2209933	100.00%	9.744%
8	9.934	1311	1316	1320	rBV	760470	948461	42.92%	4.182%
9	9.963	1320	1321	1330	rVB	45807	47068	2.13%	0.208%
10	10.139	1346	1351	1355	rBV	31252	40146	1.82%	0.177%
11	10.481	1405	1409	1415	rVB	43318	54295	2.46%	0.239%
12	10.645	1432	1437	1445	rVB	331715	414210	18.74%	1.826%
13	10.722	1445	1450	1466	rVV	903165	1161989	52.58%	5.123%
14	10.851	1466	1472	1477	rVB2	21990	31289	1.42%	0.138%
15	10.957	1486	1490	1496	rVB	56792	70286	3.18%	0.310%
16	11.422	1564	1569	1578	rBV2	625064	1039186	47.02%	4.582%
17	11.498	1578	1582	1586	rVB	40165	48693	2.20%	0.215%
18	11.645	1602	1607	1616	rBV4	31593	66556	3.01%	0.293%
19	11.945	1649	1658	1665	rBV2	147162	280684	12.70%	1.238%
20	12.039	1670	1674	1682	rVB2	55192	106563	4.82%	0.470%
21	12.116	1682	1687	1691	rBV6	12907	23014	1.04%	0.101%
22	12.198	1697	1701	1703	rBV	30242	41633	1.88%	0.184%
23	12.245	1707	1709	1714	rVB	29821	31689	1.43%	0.140%
24	12.369	1724	1730	1733	rBV4	15236	22508	1.02%	0.099%
25	12.557	1759	1762	1768	rVB2	24040	36588	1.66%	0.161%
26	12.639	1768	1776	1780	rBV	352958	470403	21.29%	2.074%
27	12.727	1788	1791	1795	rBV2	24627	33848	1.53%	0.149%
28	12.869	1808	1815	1820	rBV	284923	441033	19.96%	1.945%
29	12.916	1821	1823	1828	rVB2	19082	23584	1.07%	0.104%
30	13.010	1831	1839	1846	rBV	1147473	1532808	69.36%	6.758%
31	13.086	1846	1852	1858	rBV4	32452	64571	2.92%	0.285%
32	13.192	1863	1870	1874	rBV	39975	84863	3.84%	0.374%
33	13.263	1879	1882	1884	rVV2	21054	23698	1.07%	0.104%
34	13.298	1884	1888	1895	rVB3	33171	61913	2.80%	0.273%
35	13.392	1901	1904	1906	rBV	20884	23707	1.07%	0.105%
36	13.545	1926	1930	1933	rBV	57576	72868	3.30%	0.321%

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Integrator: RTE

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Stop Thrs : 0

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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37	13.698	1953	1956	1961	rVB	38153	53214	2.41%	0.235%
38	13.816	1971	1976	1978	rBV2	36004	59453	2.69%	0.262%
39	13.904	1987	1991	2000	rVB3	99765	168295	7.62%	0.742%
40	14.063	2010	2018	2030	rBV2	646305	1322895	59.86%	5.833%
41	14.192	2037	2040	2044	rVB2	31262	33744	1.53%	0.149%
42	14.451	2080	2084	2087	rBV	37716	61306	2.77%	0.270%
43	14.486	2087	2090	2094	rVB2	37637	50259	2.27%	0.222%
44	14.539	2094	2099	2107	rBV3	137077	349188	15.80%	1.540%
45	14.657	2115	2119	2121	rBV3	46159	66400	3.00%	0.293%
46	14.692	2122	2125	2130	rVB	105576	146695	6.64%	0.647%
47	14.745	2130	2134	2137	rBV	68547	105357	4.77%	0.465%
48	14.780	2137	2140	2144	rVB	88497	120079	5.43%	0.529%
49	14.839	2145	2150	2154	rBV	66961	133343	6.03%	0.588%
50	14.933	2163	2166	2170	rBV3	36209	55303	2.50%	0.244%
51	14.974	2170	2173	2178	rVV2	55708	85180	3.85%	0.376%
52	15.021	2178	2181	2186	rVB2	69314	111664	5.05%	0.492%
53	15.074	2186	2190	2193	rVB2	34933	43122	1.95%	0.190%
54	15.121	2193	2198	2206	rBV	279471	606395	27.44%	2.674%
55	15.216	2209	2214	2228	rVB3	283475	598986	27.10%	2.641%
56	15.433	2246	2251	2256	rVB	152844	242254	10.96%	1.068%
57	15.492	2257	2261	2267	rVB	154390	229811	10.40%	1.013%
58	15.563	2267	2273	2285	rBV	537528	969637	43.88%	4.275%
59	16.033	2348	2353	2358	rBV	38146	67570	3.06%	0.298%
60	16.862	2489	2494	2498	rBV3	21713	50052	2.26%	0.221%
61	17.062	2523	2528	2537	rVB2	90340	192508	8.71%	0.849%
62	17.257	2555	2561	2566	rBV3	29042	77671	3.51%	0.342%
63	17.521	2600	2606	2616	rVB	72693	168852	7.64%	0.745%

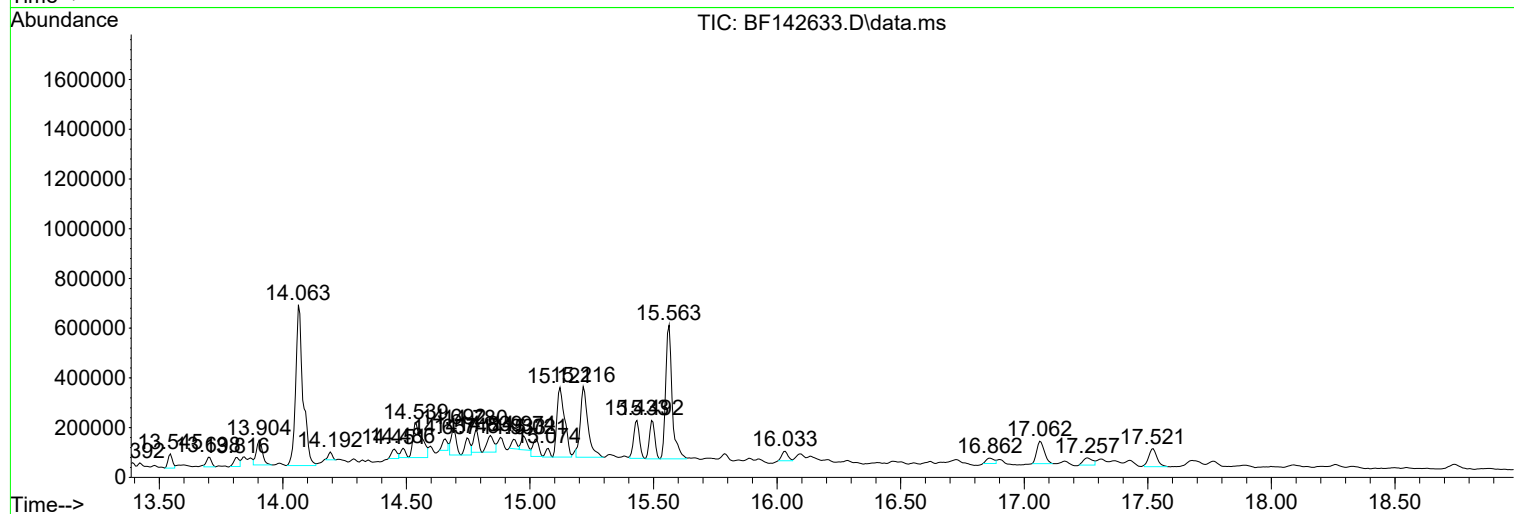
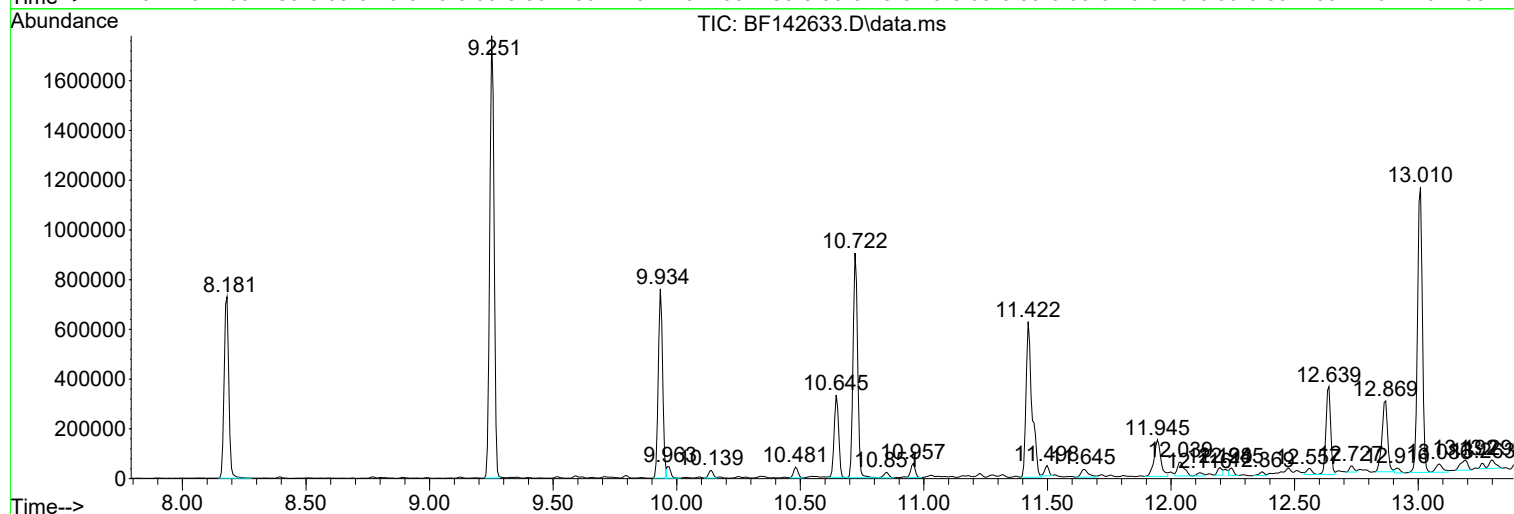
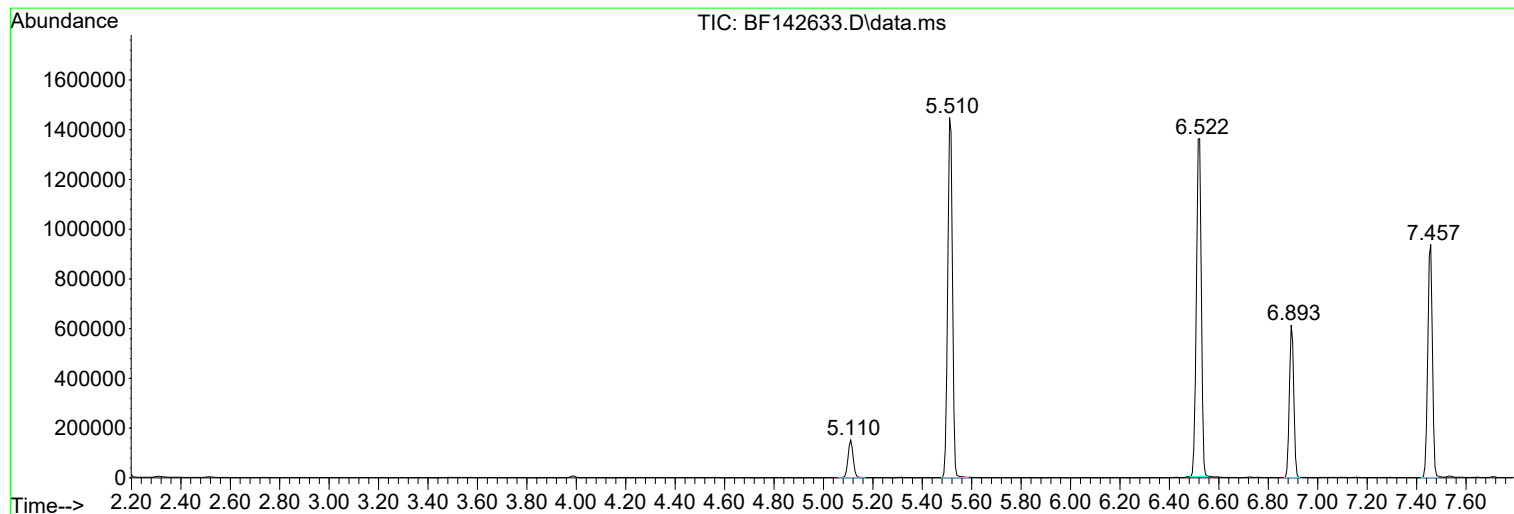
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : Q2199-01
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Instrument :
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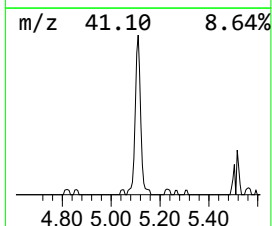
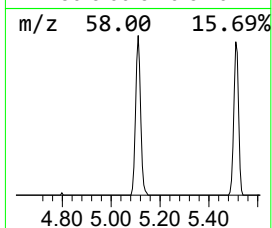
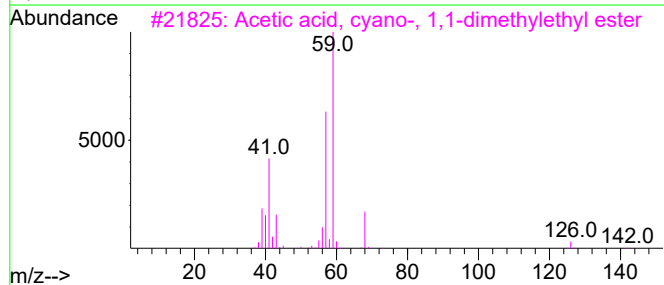
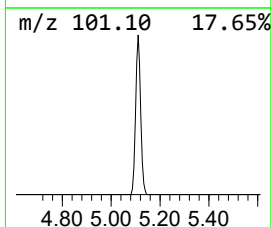
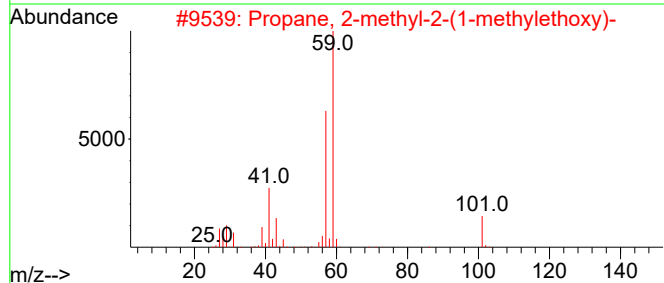
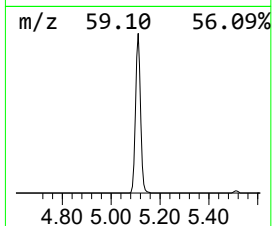
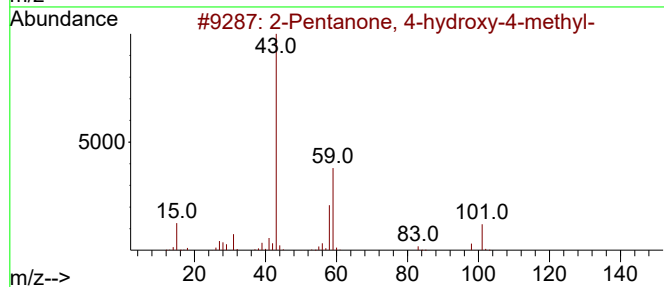
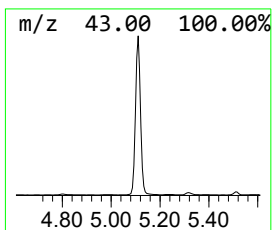
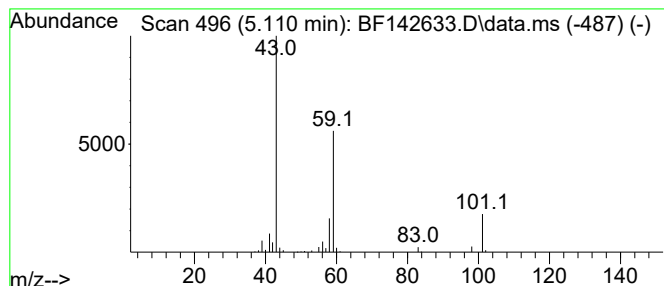
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.81 ng	219938	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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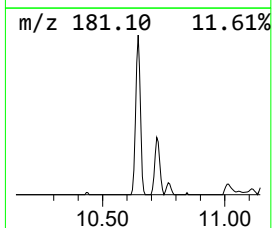
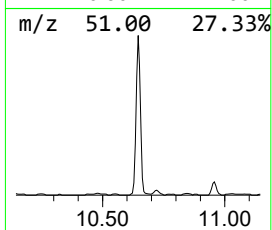
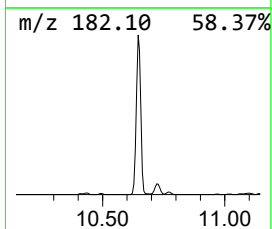
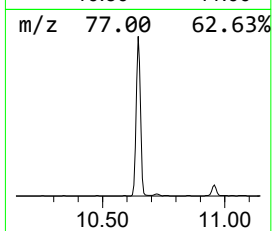
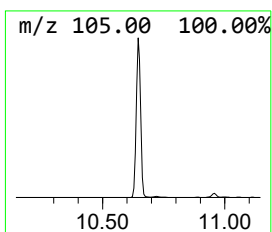
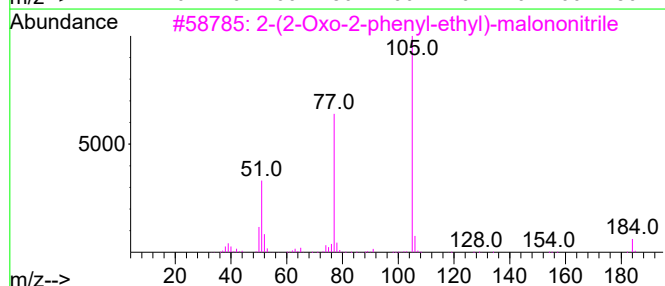
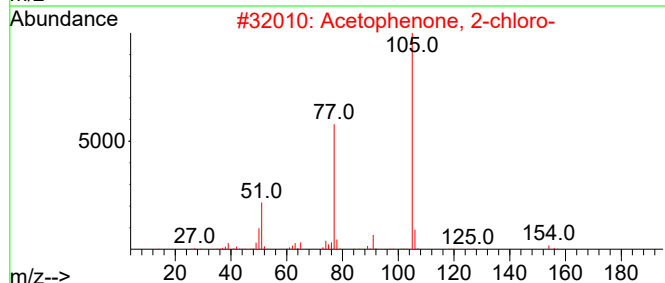
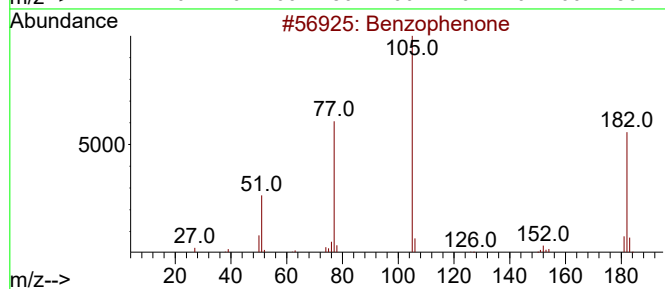
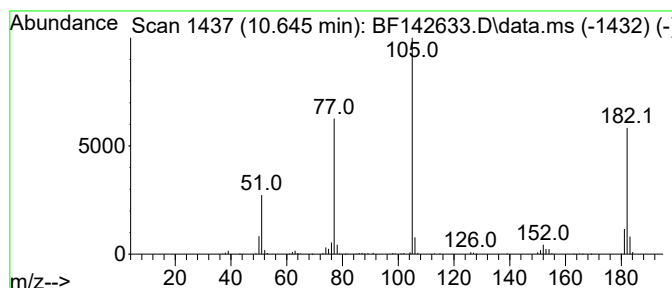
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	8.73 ng	414210	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			2-(2-Oxo-2-phenyl-ethyl)-malononitrile	184	C11H8N2O	1000296-76-9	47
4			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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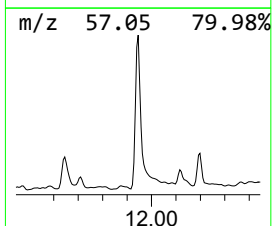
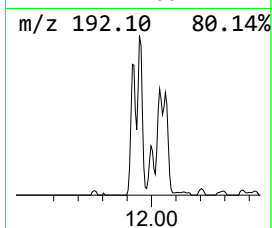
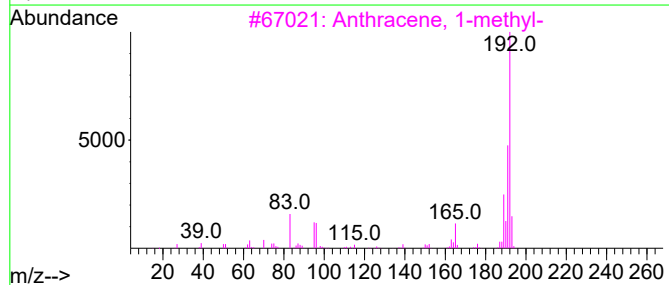
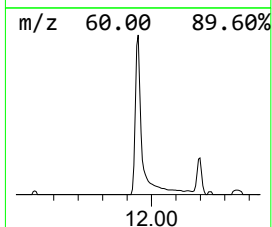
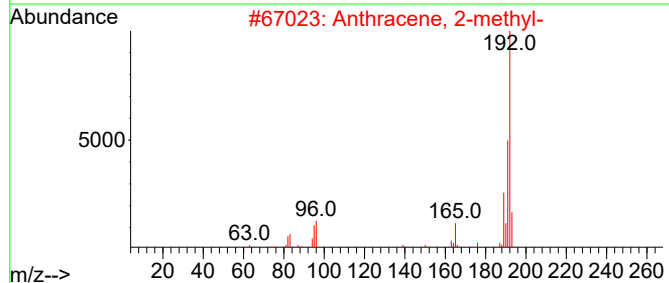
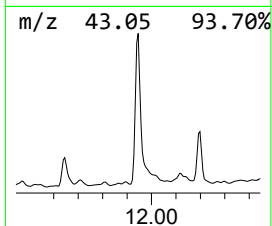
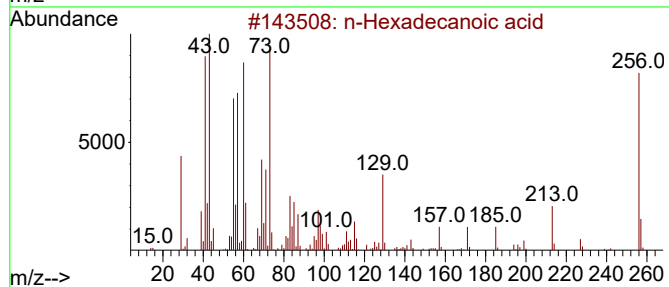
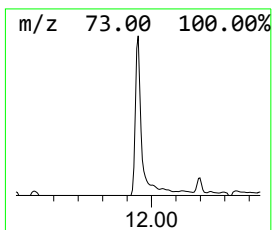
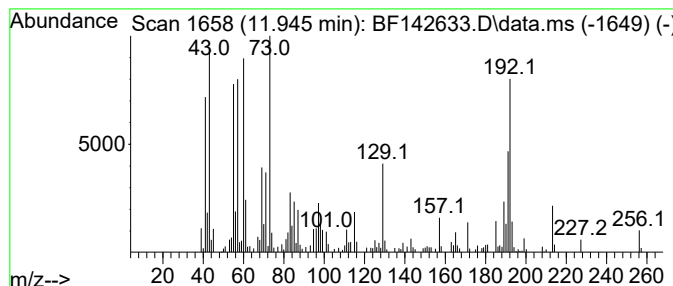
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	5.40 ng	280684	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-		192	C15H12	000610-48-0	91
4	Tridecanoic acid		214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	70



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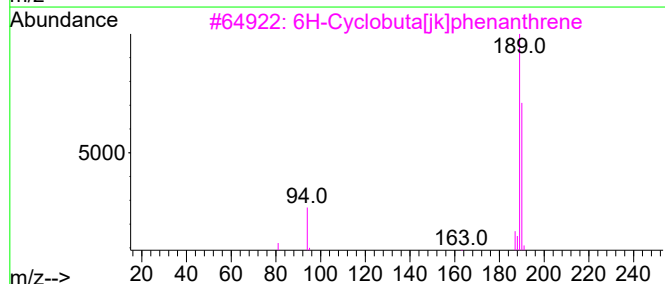
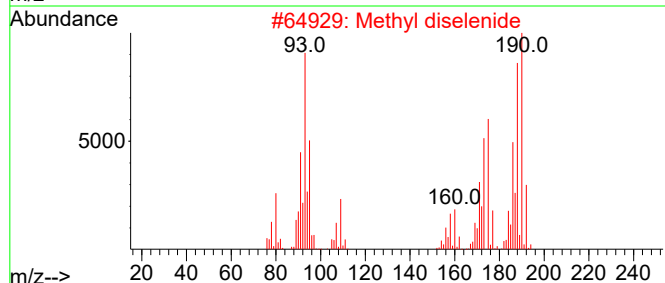
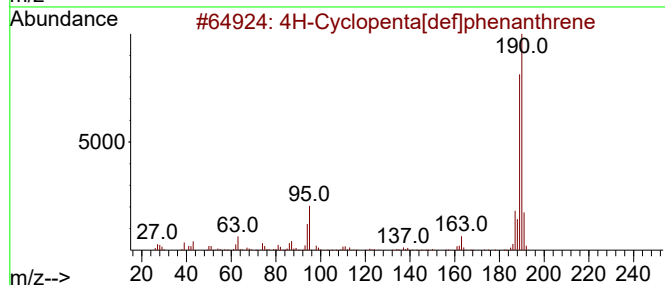
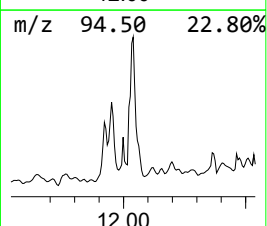
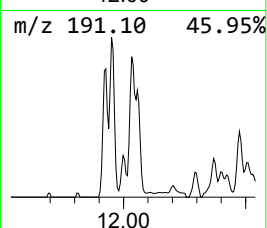
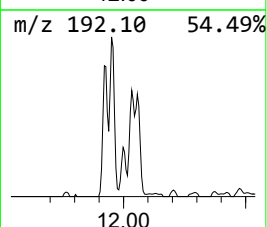
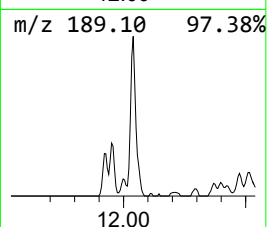
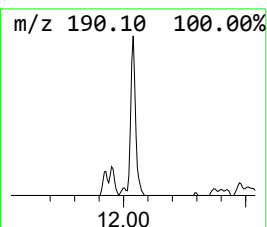
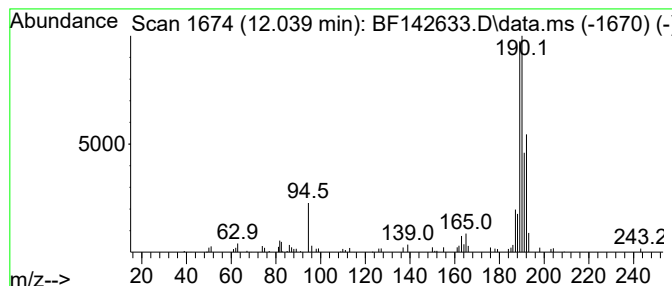
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	2.05 ng	106563	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			Methyl diselenide	190	C2H6Se2	007101-31-7	43
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5			Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	32



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Sample : Q2199-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-343

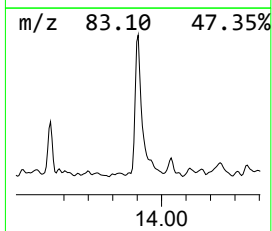
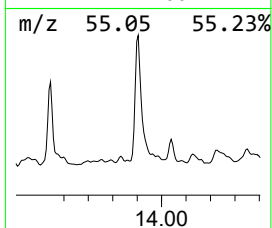
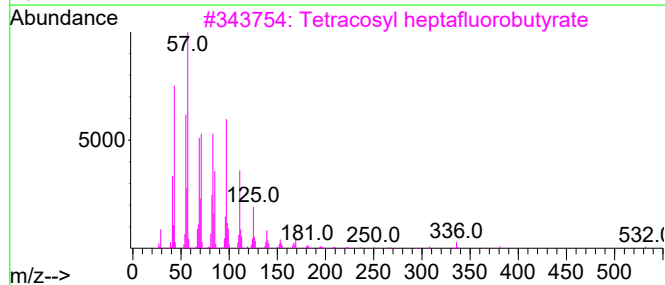
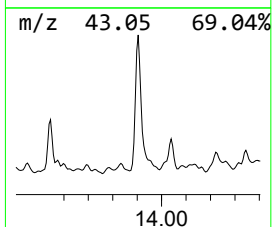
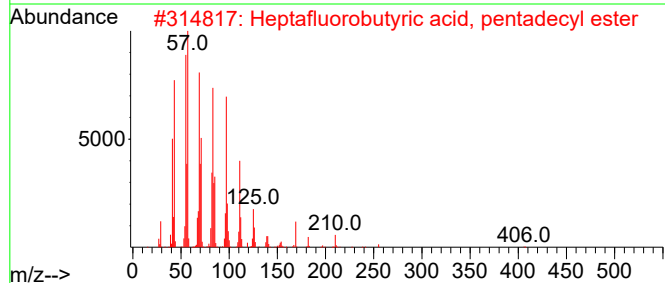
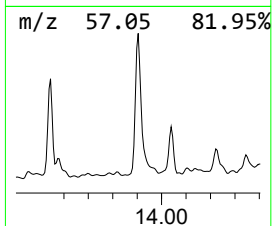
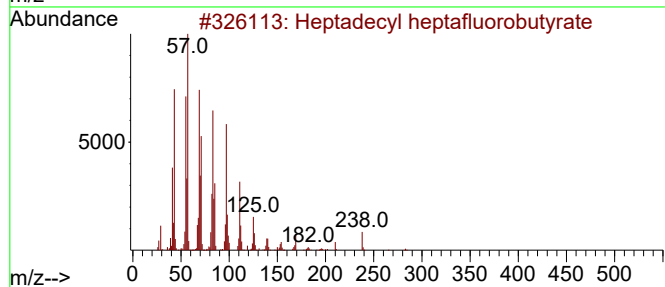
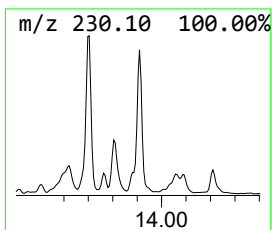
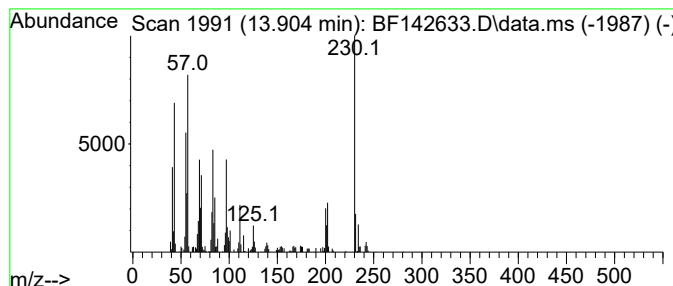
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.54 ng	168295	Chrysene-d12	14.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
2			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	59
3			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	52
4			Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	46
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
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Acq On : 05 Jun 2025 14:37
Operator : RC/JU
Sample : Q2199-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

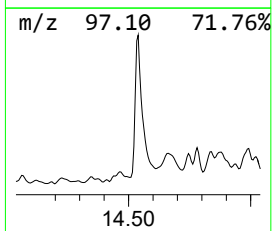
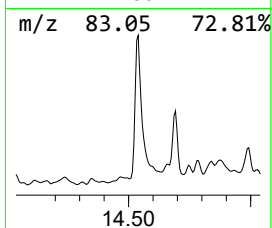
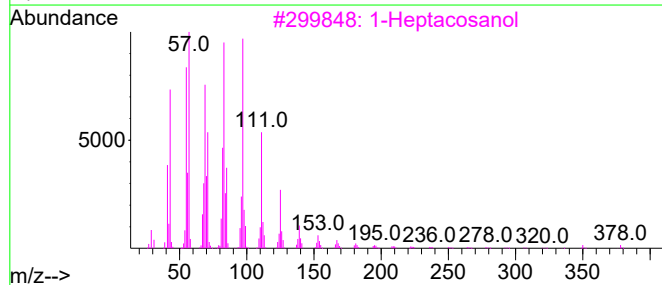
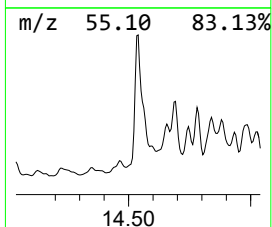
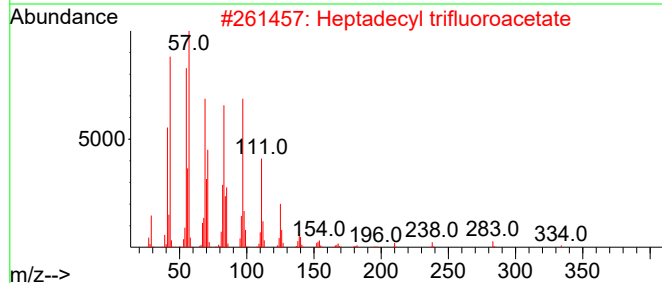
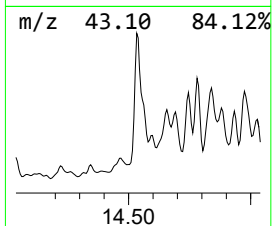
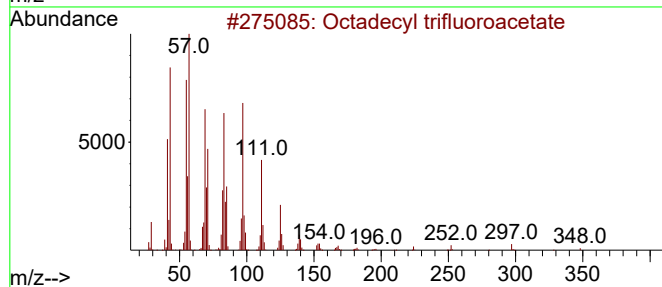
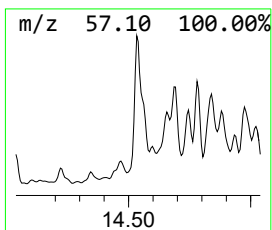
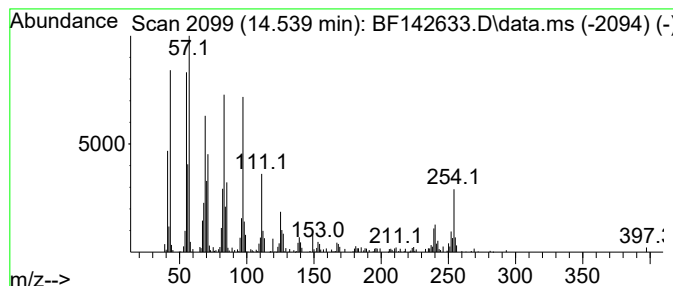
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.539	5.28 ng	349188	Chrysene-d12		14.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	93
2	Heptadecyl trifluoroacetate		352	C19H35F3O2	1010351-87-0	93
3	1-Heptacosanol		396	C27H56O	002004-39-9	93
4	Octacosanol		410	C28H58O	000557-61-9	93
5	1-Hexacosene		364	C26H52	018835-33-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
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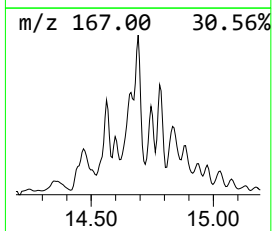
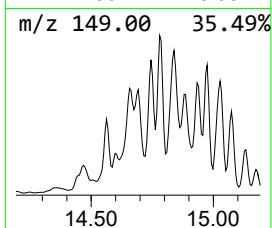
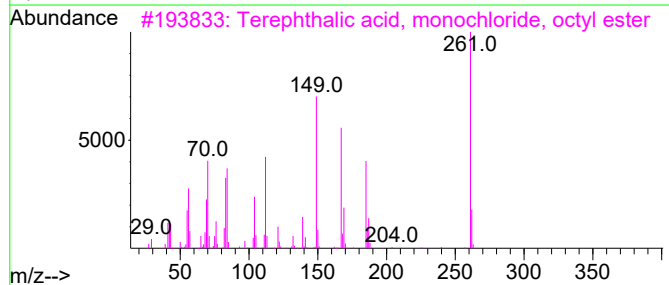
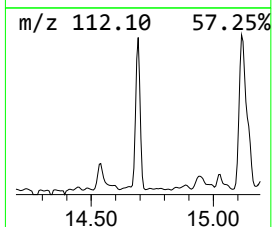
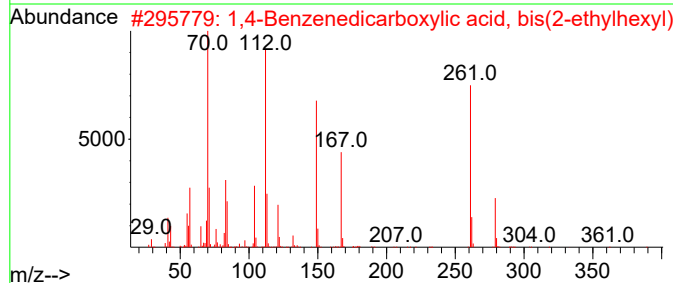
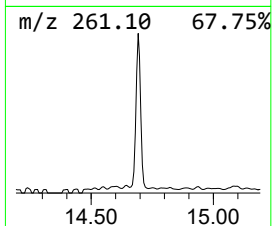
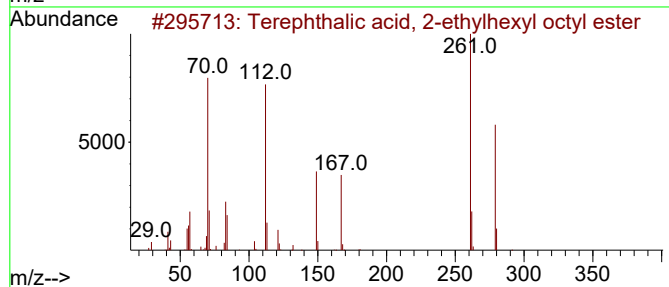
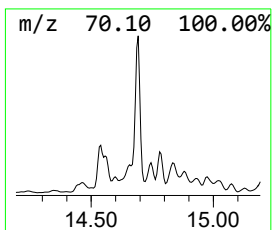
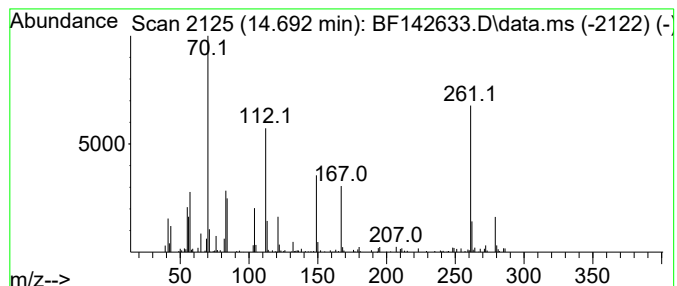
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Terephthalic acid, 2-ethylh... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.692	2.22 ng	146695	Chrysene-d12	14.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
3	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	47
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	40
5	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142633.D
Acq On : 05 Jun 2025 14:37
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Sample : Q2199-01
Misc :
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Instrument :
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ClientSampleId :
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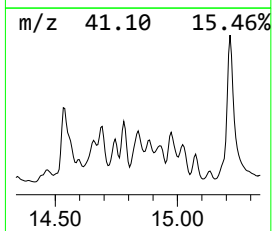
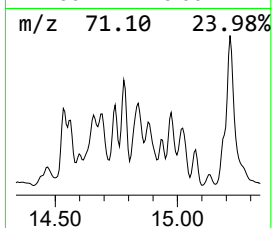
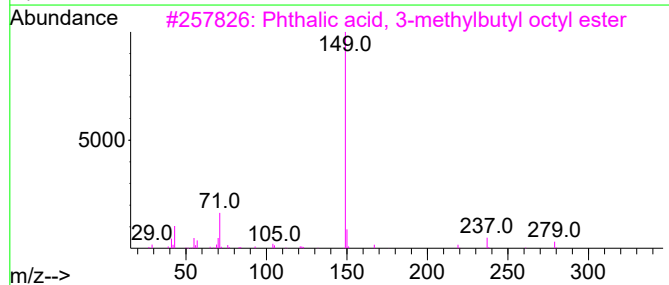
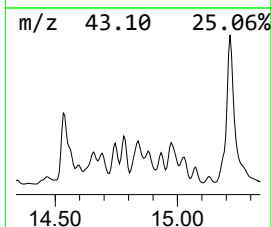
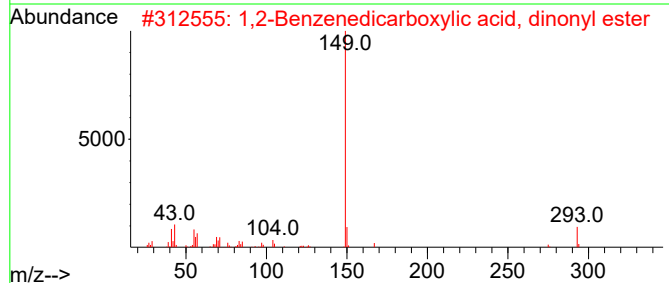
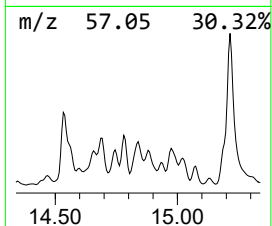
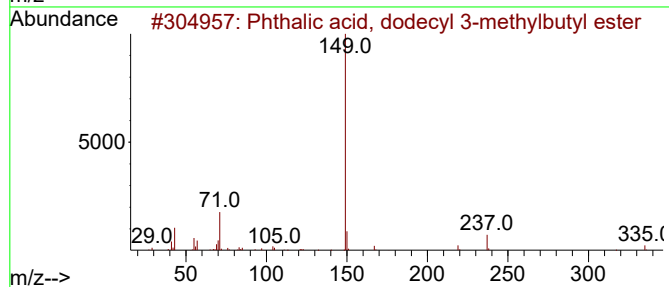
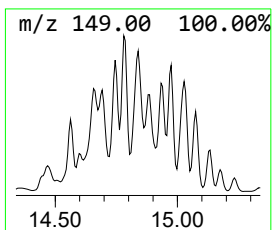
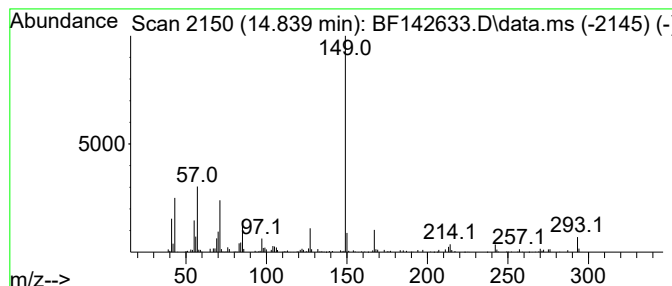
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic acid, dodecyl 3-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	2.75 ng	133343	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, dodecyl 3-methylb...	404	C25H40O4	1000356-81-3	53
2			1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	52
3			Phthalic acid, 3-methylbutyl oct...	348	C21H32O4	1000356-80-9	50
4			Phthalic acid, isobutyl 4-methyl...	306	C18H26O4	1000356-87-2	50
5			Phthalic acid, heptyl 2-methylpe...	348	C21H32O4	1000356-91-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
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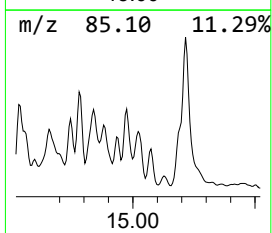
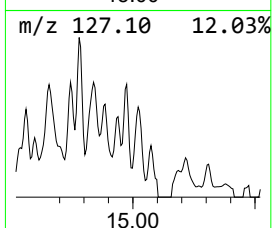
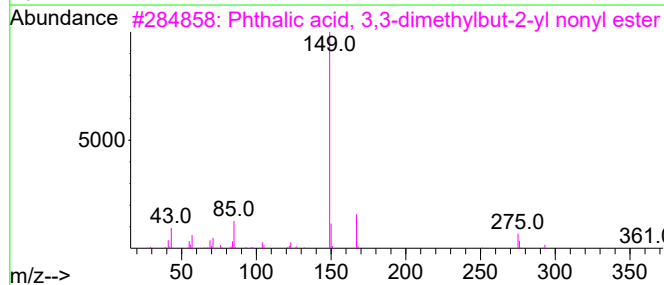
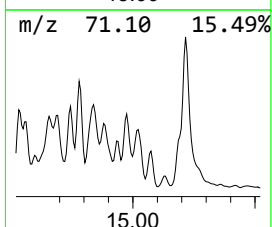
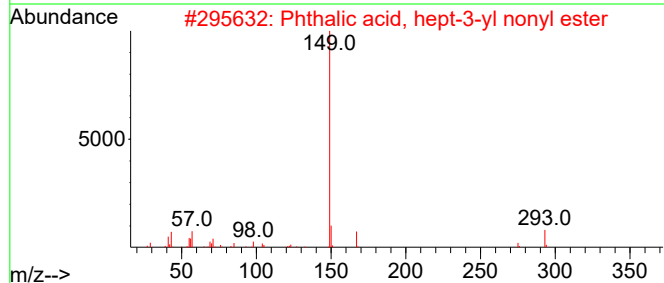
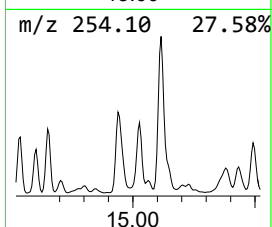
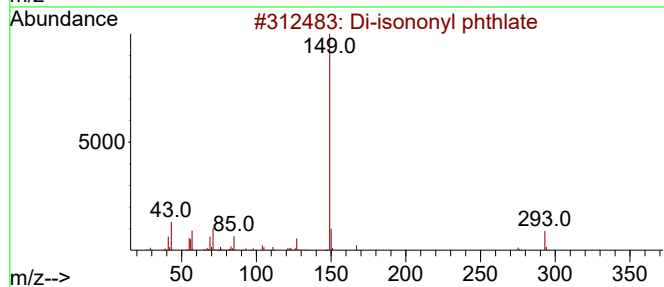
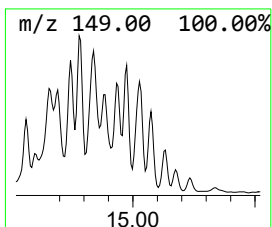
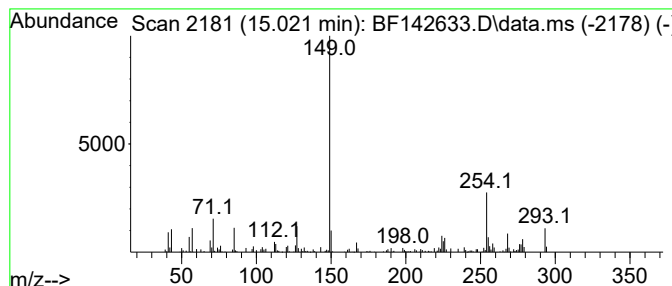
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Di-isononyl phthlate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	2.30 ng	111664	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-isononyl phthlate	418	C26H42O4	020548-62-3	52
2			Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	50
3			Phthalic acid, 3,3-dimethylbut-2...	376	C23H36O4	1000357-00-8	50
4			Phthalic acid, 4-methylhept-3-yl...	404	C25H40O4	1000377-94-4	50
5			Phthalic acid, monoamide, N-isop...	277	C16H23NO3	1010314-85-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142633.D
Acq On : 05 Jun 2025 14:37
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Sample : Q2199-01
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Instrument :
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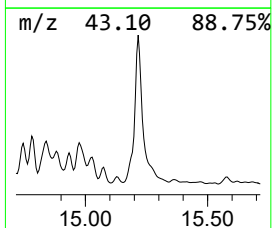
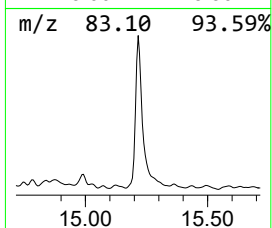
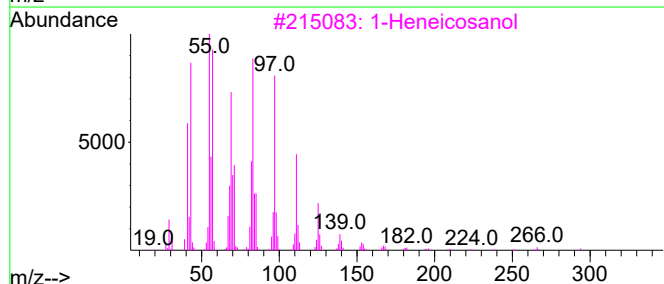
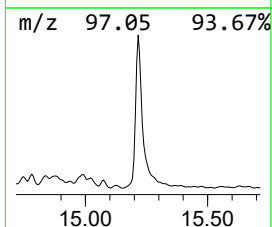
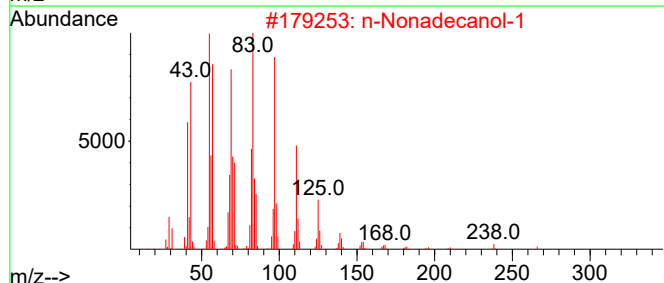
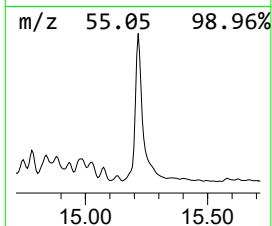
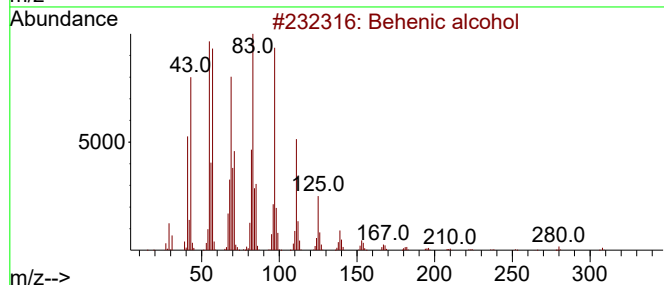
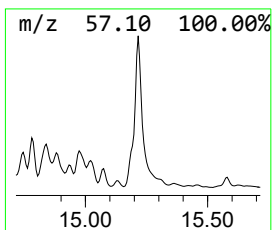
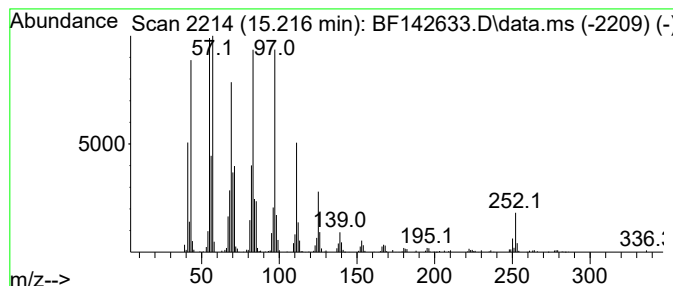
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	12.35 ng	598986	Perylene-d12	15.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		1-Hexacosene	364	C26H52	018835-33-1	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
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ALS Vial : 10 Sample Multiplier: 1

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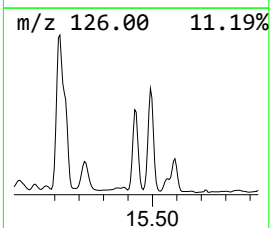
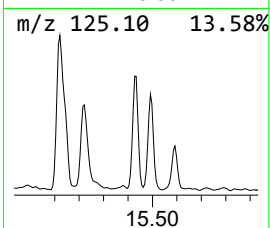
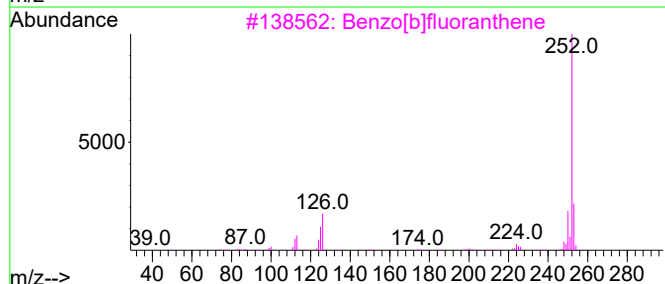
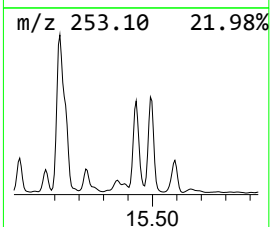
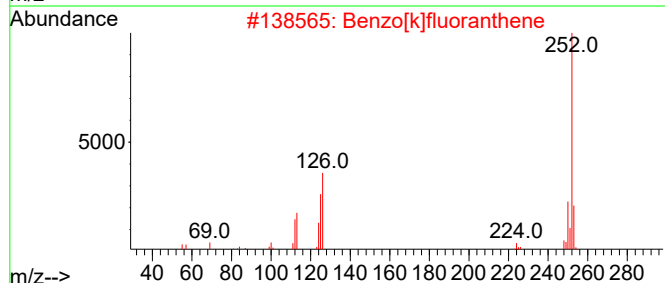
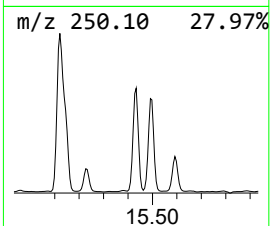
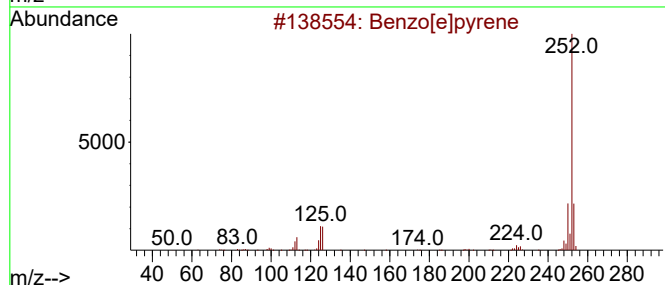
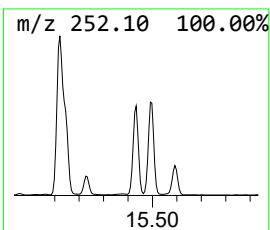
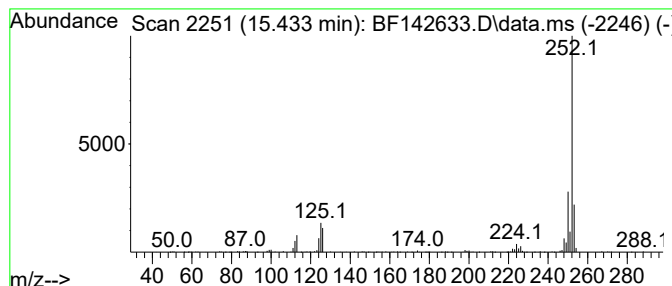
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	5.00 ng	242254	Perylene-d12	15.563

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	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142633.D
Acq On : 05 Jun 2025 14:37
Operator : RC/JU
Sample : Q2199-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
2-Pentanone, 4-...	5.110	5.8	ng	219938	1	6.893	757730	20.0
Benzophenone	10.645	8.7	ng	414210	3	9.934	948461	20.0
n-Hexadecanoic ...	11.945	5.4	ng	280684	4	11.422	1039190	20.0
4H-Cyclopenta[d...]	12.039	2.0	ng	106563	4	11.422	1039190	20.0
Heptadecyl hept...	13.904	2.5	ng	168295	5	14.069	1322900	20.0
Octadecyl trifl...	14.539	5.3	ng	349188	5	14.069	1322900	20.0
Terephthalic ac...	14.692	2.2	ng	146695	5	14.069	1322900	20.0
Phthalic acid, ...	14.839	2.8	ng	133343	6	15.563	969637	20.0
Di-isononyl pht...	15.021	2.3	ng	111664	6	15.563	969637	20.0
Behenic alcohol	15.216	12.4	ng	598986	6	15.563	969637	20.0
Benzo[e]pyrene	15.433	5.0	ng	242254	6	15.563	969637	20.0