

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142412.D
 Acq On : 16 May 2025 00:58
 Operator : RC/JU
 Sample : Q2010-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

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-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	10	16	27	rVB2	26773	46181	1.75%	0.207%
2	5.116	488	497	509	rBV	176409	260540	9.89%	1.169%
3	5.516	558	565	570	rBV	1605584	2173668	82.52%	9.750%
4	6.522	729	736	741	rBV	1675469	2250507	85.44%	10.094%
5	6.904	795	801	806	rBV	731821	917143	34.82%	4.114%
6	7.463	890	896	901	rBV	1080262	1402137	53.23%	6.289%
7	7.716	933	939	949	rBV	31131	41776	1.59%	0.187%
8	8.186	1013	1019	1033	rBV	915320	1168925	44.38%	5.243%
9	9.257	1196	1201	1206	rBV	2152627	2634048	100.00%	11.814%
10	9.798	1289	1293	1300	rBV	19755	27689	1.05%	0.124%
11	9.939	1311	1317	1322	rBV	939090	1161466	44.09%	5.209%
12	10.651	1433	1438	1445	rVB	155989	196550	7.46%	0.882%
13	10.722	1445	1450	1463	rBV	1031656	1329036	50.46%	5.961%
14	11.427	1564	1570	1578	rBV2	766222	1205821	45.78%	5.408%
15	11.945	1650	1658	1669	rBV2	180388	363560	13.80%	1.631%
16	12.039	1669	1674	1677	rBV2	53825	87759	3.33%	0.394%
17	12.221	1698	1705	1707	rBV2	38011	73446	2.79%	0.329%
18	12.368	1724	1730	1733	rBV2	20599	40395	1.53%	0.181%
19	12.474	1744	1748	1751	rBV	38492	48019	1.82%	0.215%
20	12.639	1771	1776	1780	rBV	536138	670511	25.46%	3.007%
21	12.733	1788	1792	1795	rBV2	25381	35317	1.34%	0.158%
22	12.868	1808	1815	1820	rBV	469836	674558	25.61%	3.026%
23	13.010	1831	1839	1846	rBV	1700207	2209088	83.87%	9.908%
24	13.080	1847	1851	1859	rVV4	39228	80157	3.04%	0.360%
25	13.192	1864	1870	1874	rVB	59985	100054	3.80%	0.449%
26	13.263	1878	1882	1885	rBV	33457	45101	1.71%	0.202%
27	13.298	1885	1888	1891	rBV2	35558	42886	1.63%	0.192%
28	13.392	1901	1904	1906	rBV	28758	32273	1.23%	0.145%
29	13.698	1953	1956	1961	rBV	40351	57976	2.20%	0.260%
30	13.904	1988	1991	2001	rVB	99956	144790	5.50%	0.649%
31	14.062	2012	2018	2022	rBV	739026	1220355	46.33%	5.474%
32	15.115	2192	2197	2206	rBV	216467	523400	19.87%	2.348%
33	15.427	2246	2250	2255	rVB	108575	164298	6.24%	0.737%
34	15.486	2256	2260	2266	rVV	130867	202409	7.68%	0.908%
35	15.557	2267	2272	2284	rVB	371208	663321	25.18%	2.975%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

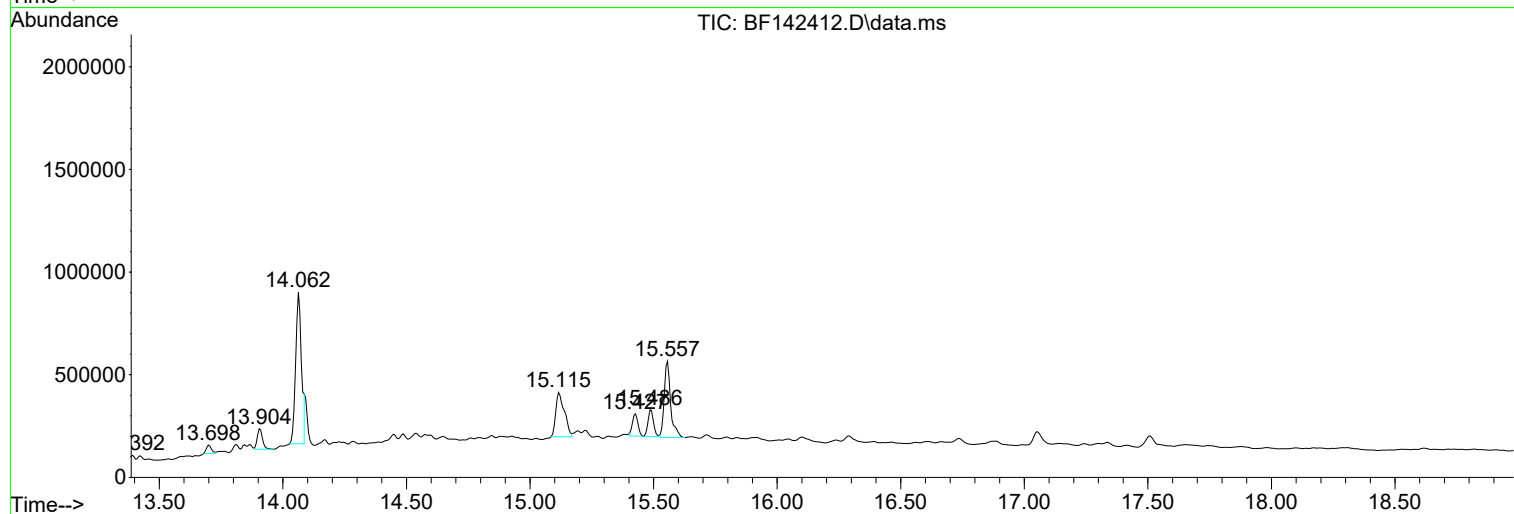
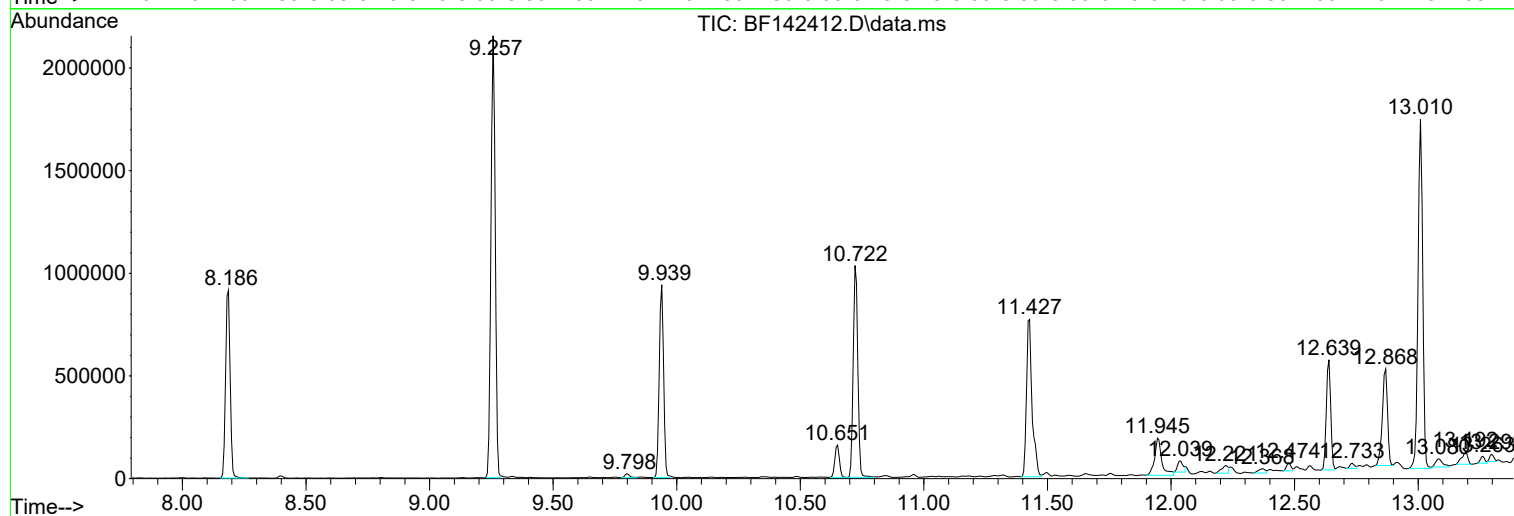
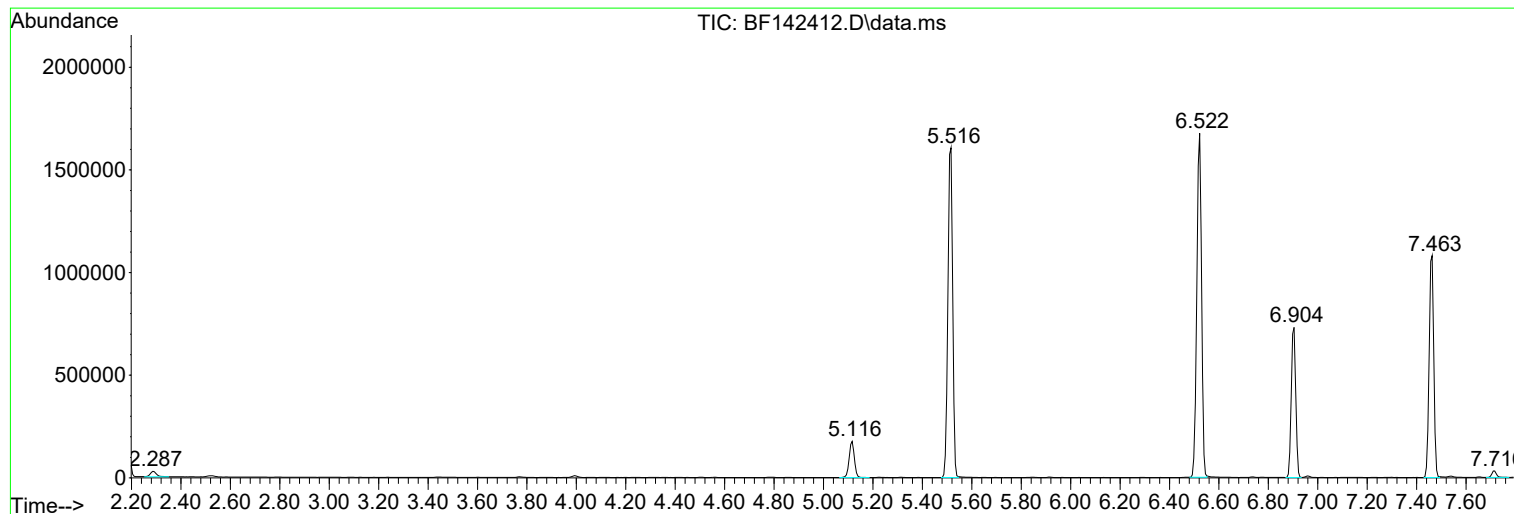
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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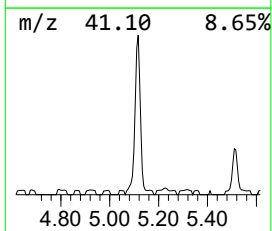
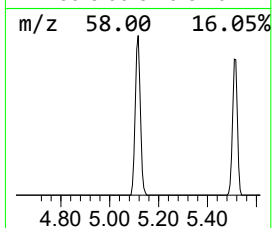
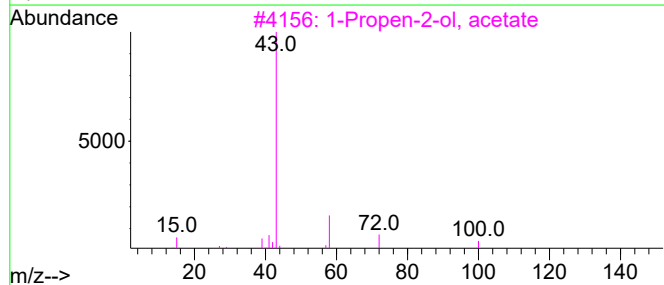
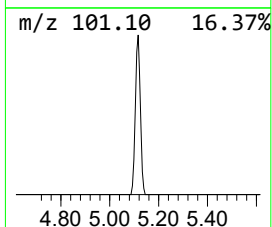
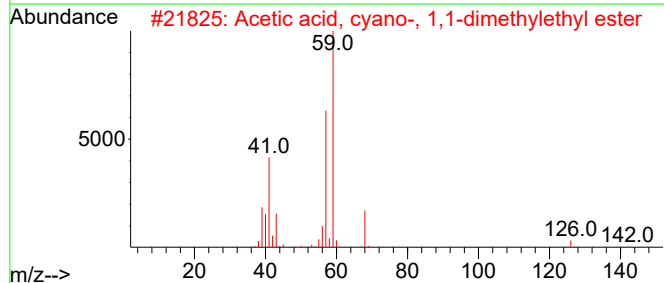
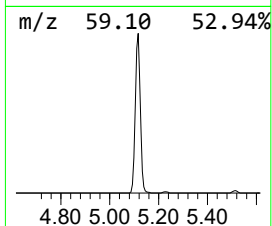
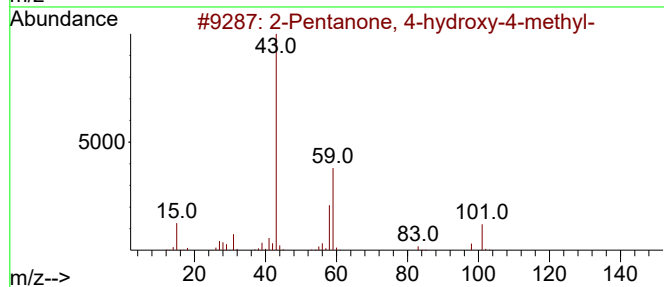
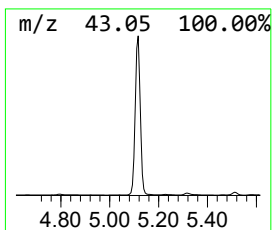
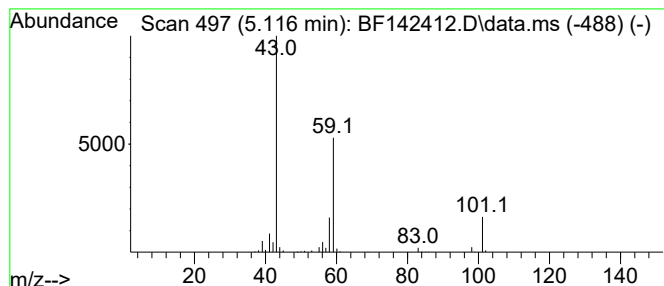
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.116	5.68 ng	260540	1,4-Dichlorobenzene-d4	6.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9



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Instrument :
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ClientSampleId :
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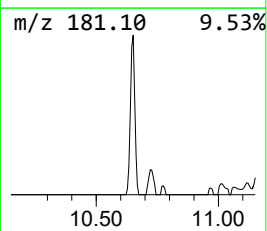
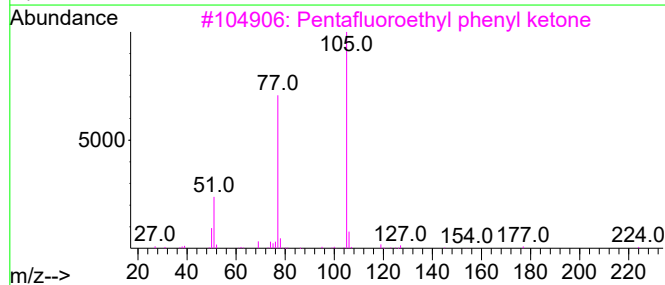
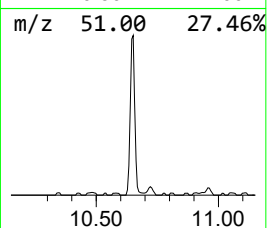
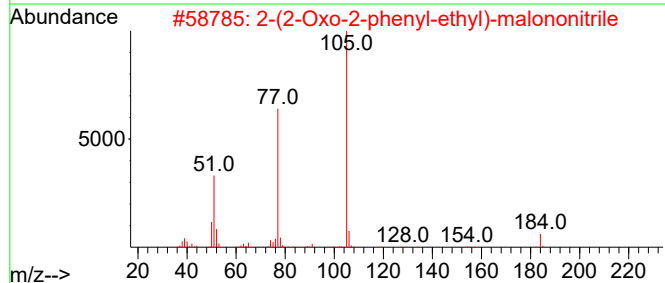
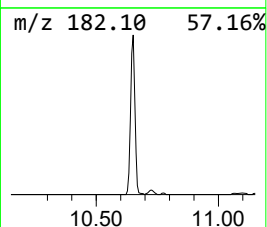
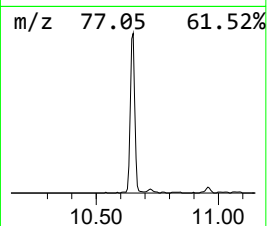
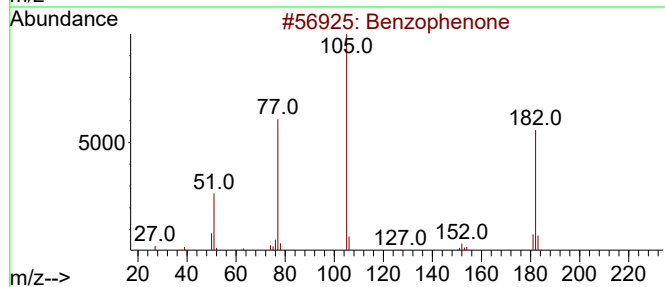
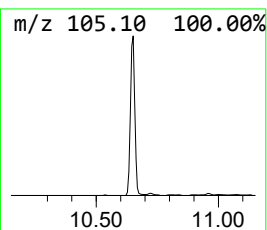
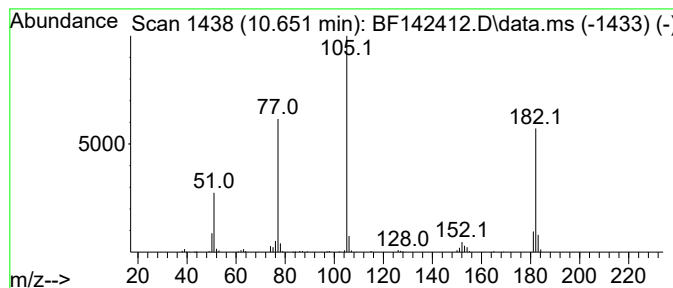
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	3.38 ng	196550	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
4			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
5			N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47



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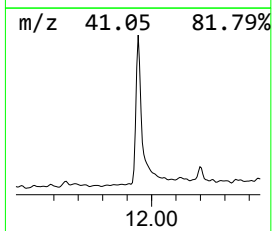
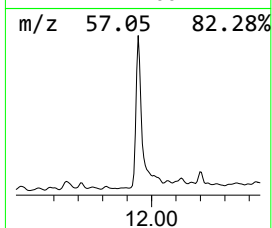
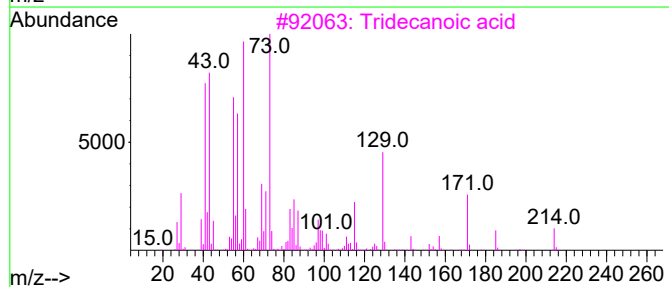
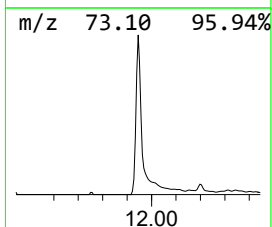
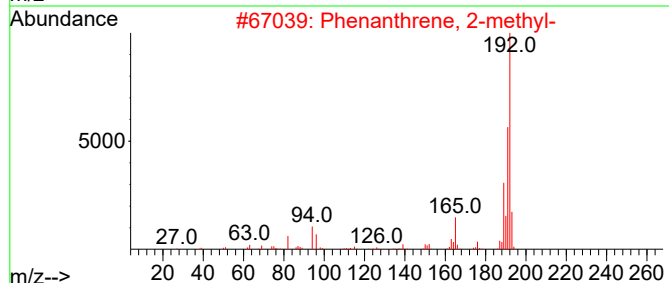
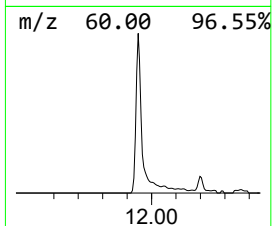
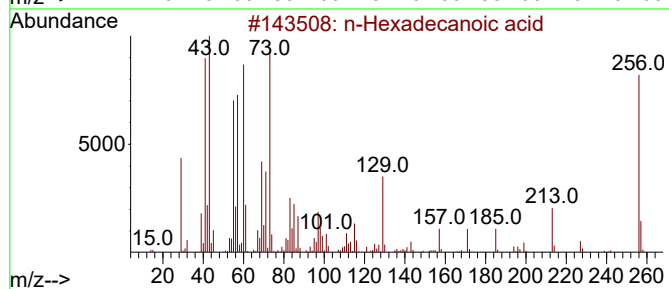
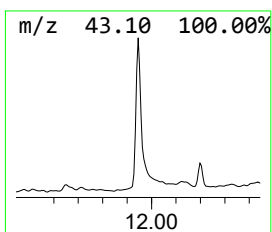
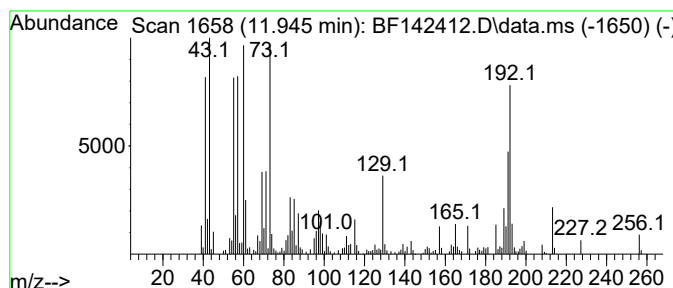
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	6.03 ng	363560	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	86
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68



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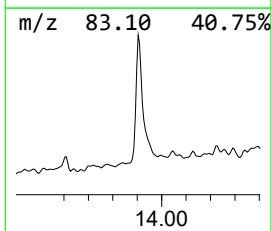
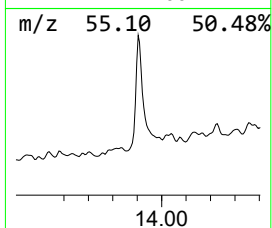
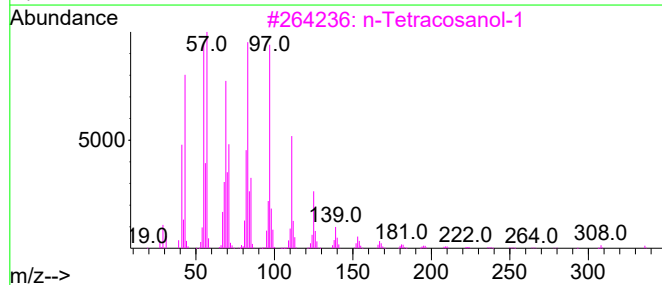
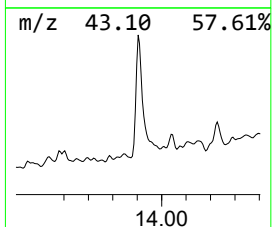
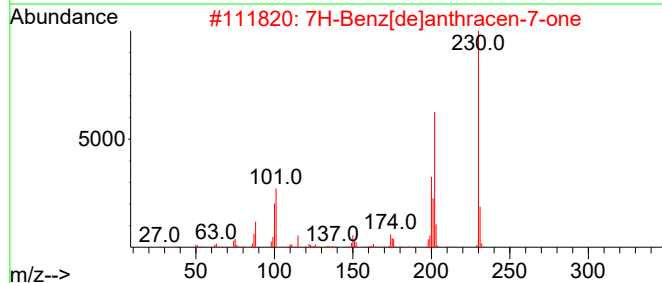
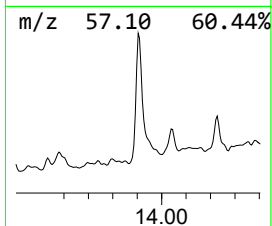
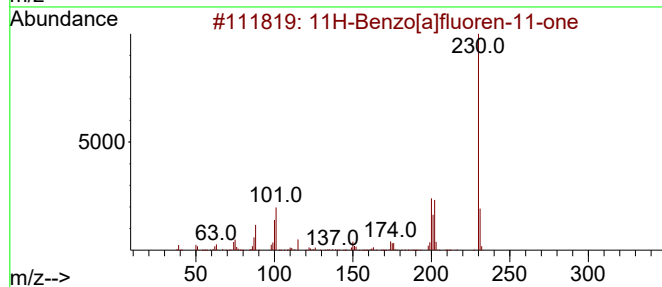
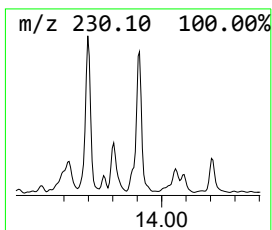
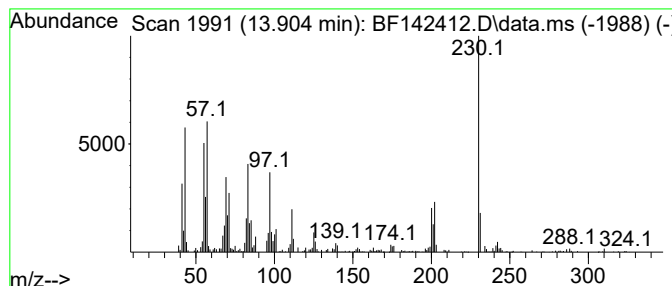
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.904	2.37 ng	144790	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	38
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	38
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	38



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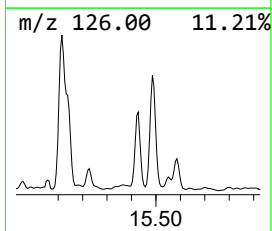
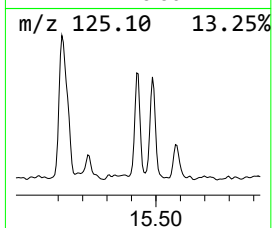
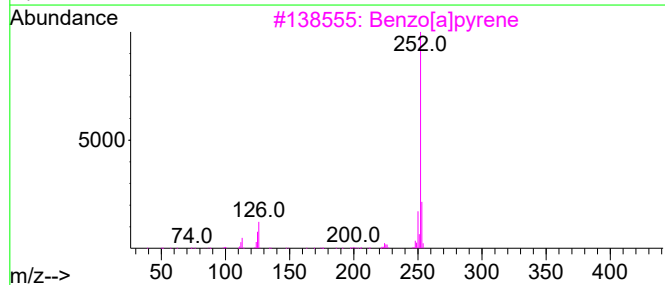
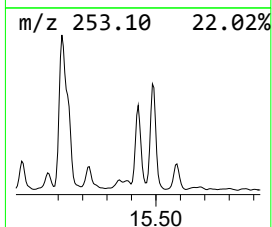
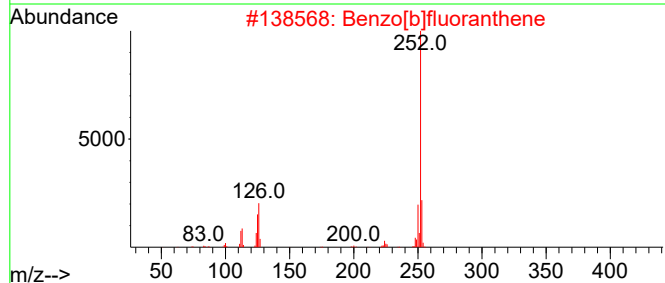
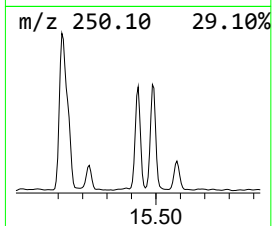
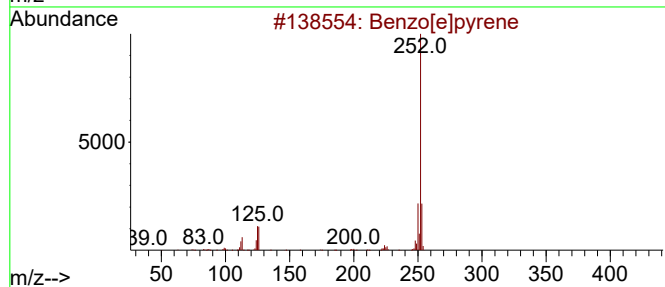
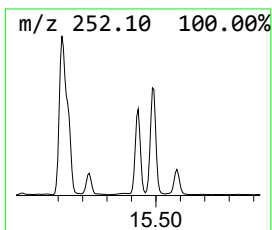
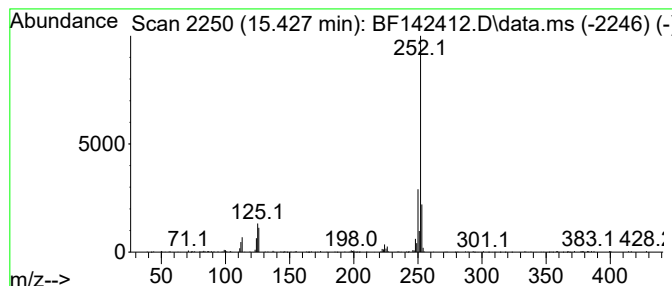
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	4.95 ng	164298	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142412.D
Acq On : 16 May 2025 00:58
Operator : RC/JU
Sample : Q2010-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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
2-Pentanone, 4-...	5.116	5.7	ng	260540	1	6.904	917143	20.0
Benzophenone	10.651	3.4	ng	196550	3	9.939	1161470	20.0
n-Hexadecanoic ...	11.945	6.0	ng	363560	4	11.427	1205820	20.0
11H-Benzo[a]flu...	13.904	2.4	ng	144790	5	14.063	1220360	20.0
Benzo[e]pyrene	15.427	5.0	ng	164298	6	15.557	663321	20.0