

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142671.D
 Acq On : 07 Jun 2025 05:07
 Operator : RC/JU
 Sample : Q2176-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-28

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: BF142671.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	486	496	510	rVB	167594	249083	8.75%	1.380%
2	5.510	558	564	569	rBV	1599373	2079280	73.06%	11.522%
3	6.516	729	735	749	rBV	1557286	2155490	75.73%	11.945%
4	6.893	794	799	804	rBV	574124	699867	24.59%	3.878%
5	7.451	888	894	905	rBV	1036378	1406708	49.42%	7.795%
6	7.710	933	938	950	rVB	24500	36564	1.28%	0.203%
7	8.175	1012	1017	1026	rBV	710088	912581	32.06%	5.057%
8	9.251	1194	1200	1205	rBV	2283893	2846181	100.00%	15.772%
9	9.934	1311	1316	1336	rVB	770344	955691	33.58%	5.296%
10	10.645	1432	1437	1442	rBV	379765	459384	16.14%	2.546%
11	10.722	1445	1450	1466	rVB	1071669	1355981	47.64%	7.514%
12	10.957	1478	1490	1496	rBV	33831	45005	1.58%	0.249%
13	11.422	1564	1569	1577	rBV	589096	788401	27.70%	4.369%
14	11.945	1651	1658	1670	rBV3	75240	141019	4.95%	0.781%
15	12.633	1770	1775	1779	rBV	75426	98224	3.45%	0.544%
16	12.863	1810	1814	1818	rBV	54620	70384	2.47%	0.390%
17	13.004	1833	1838	1846	rBV	1394464	1820942	63.98%	10.091%
18	13.574	1930	1935	1945	rVB2	21963	35812	1.26%	0.198%
19	13.904	1986	1991	2001	rVB2	68249	103308	3.63%	0.572%
20	14.063	2011	2018	2030	rBV	499258	742526	26.09%	4.115%
21	14.221	2040	2045	2053	rBV	31100	44331	1.56%	0.246%
22	14.527	2093	2097	2103	rBV	34233	54934	1.93%	0.304%
23	14.839	2146	2150	2155	rBV	26505	33826	1.19%	0.187%
24	15.116	2192	2197	2205	rBV	33939	79442	2.79%	0.440%
25	15.186	2205	2209	2214	rBV2	22650	31912	1.12%	0.177%
26	15.492	2256	2261	2266	rBV	28263	46507	1.63%	0.258%
27	15.557	2266	2272	2286	rVV	451943	752147	26.43%	4.168%

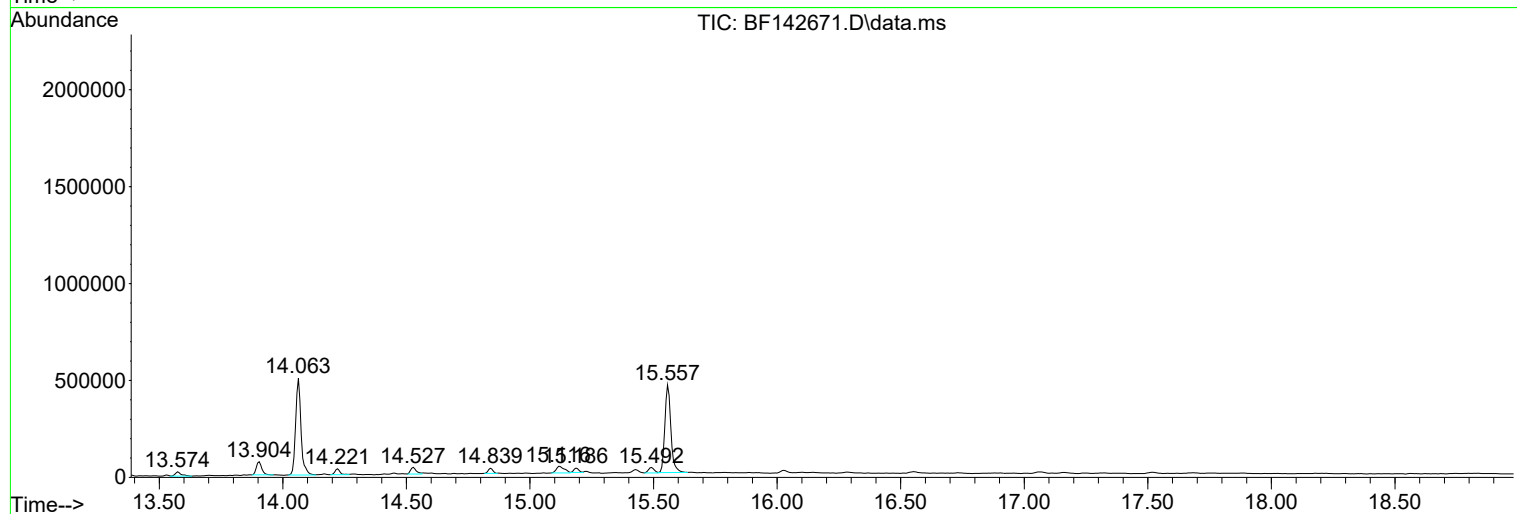
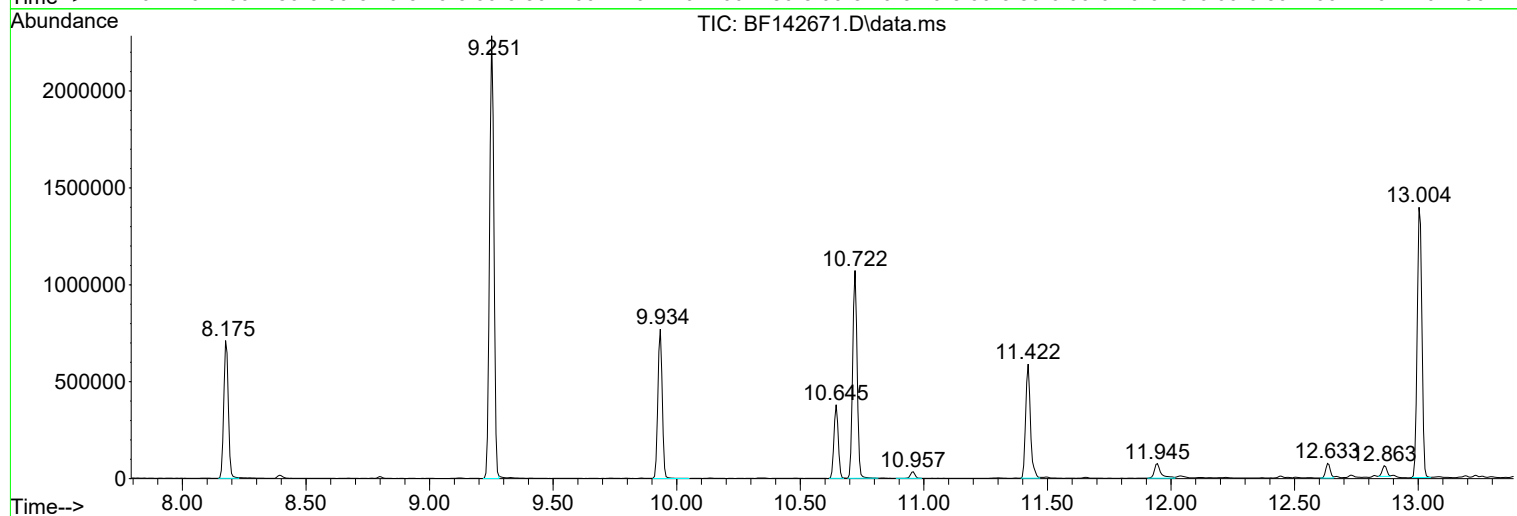
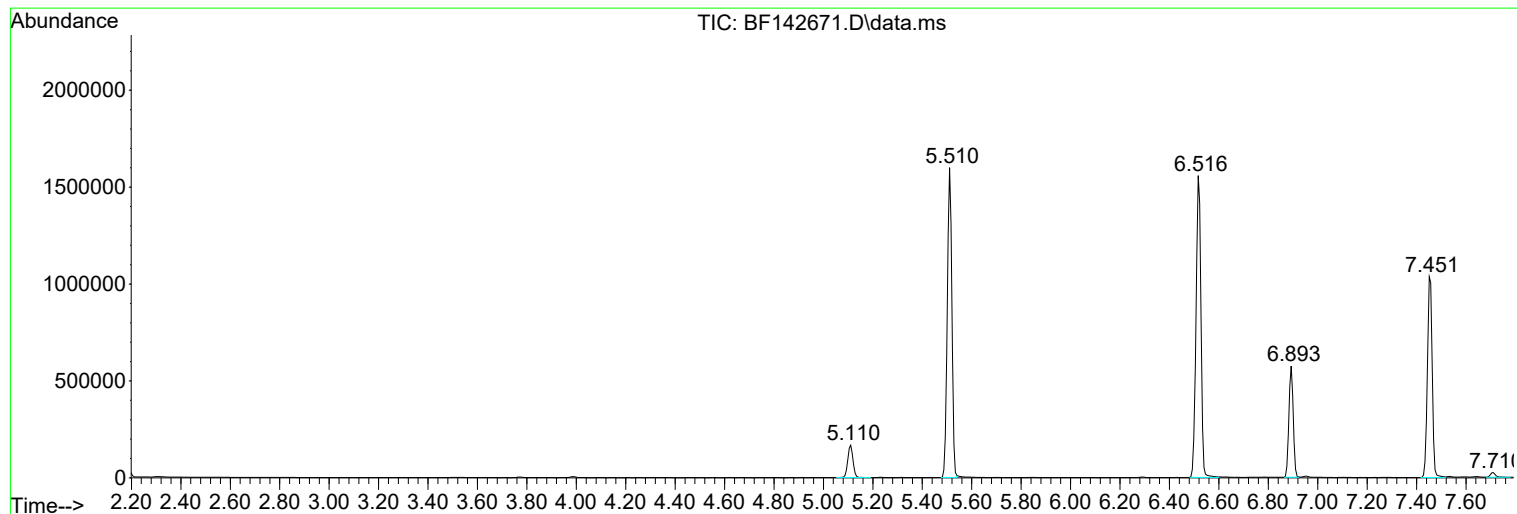
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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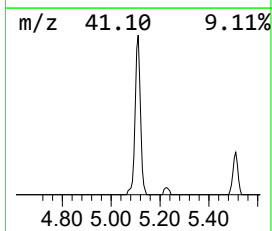
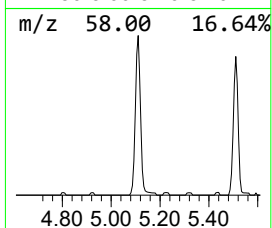
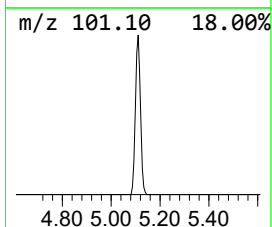
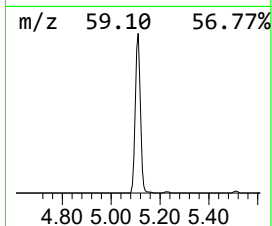
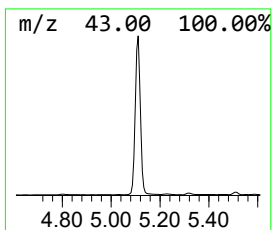
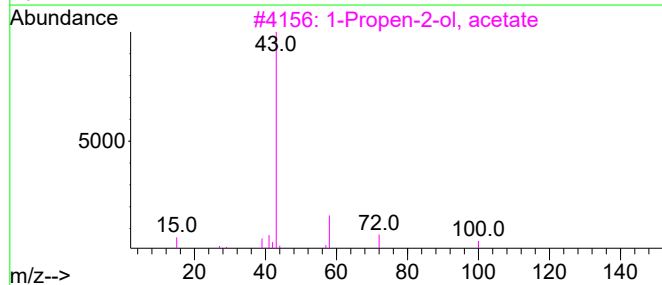
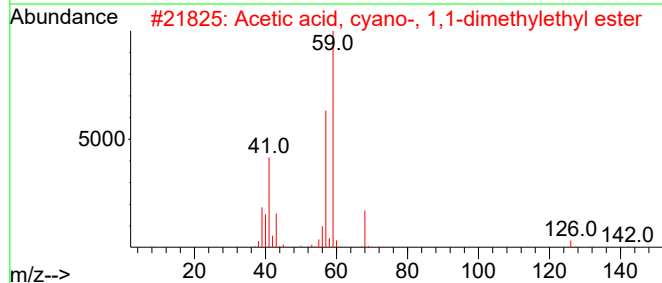
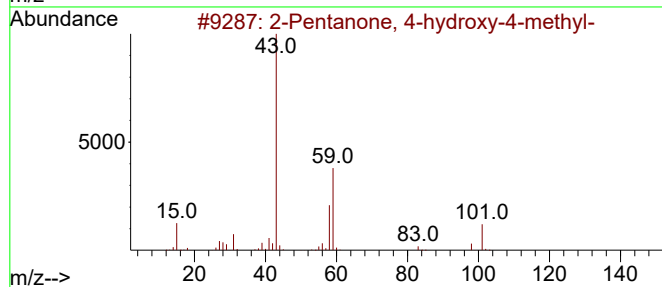
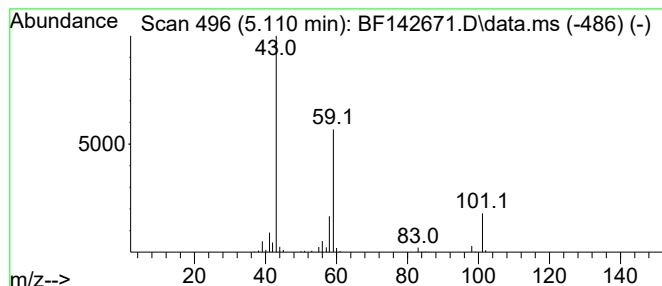
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	7.12 ng	249083	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			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			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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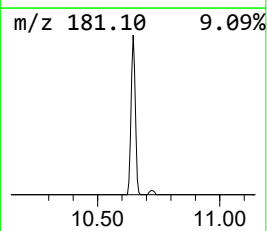
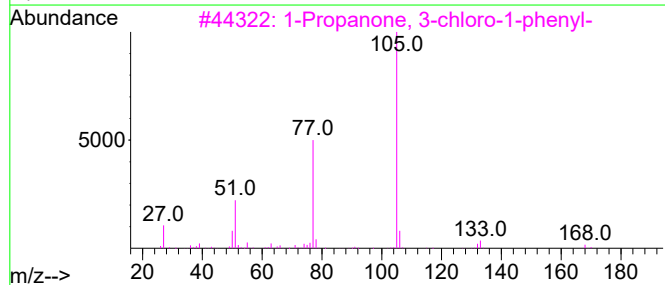
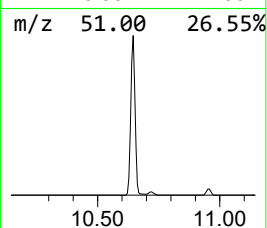
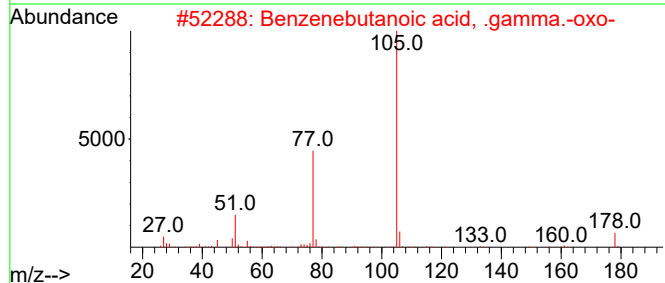
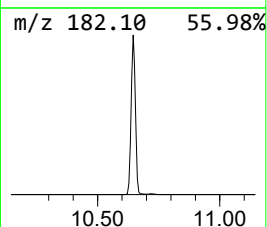
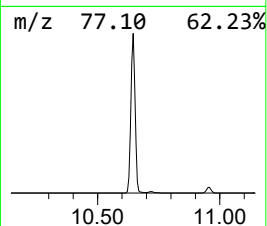
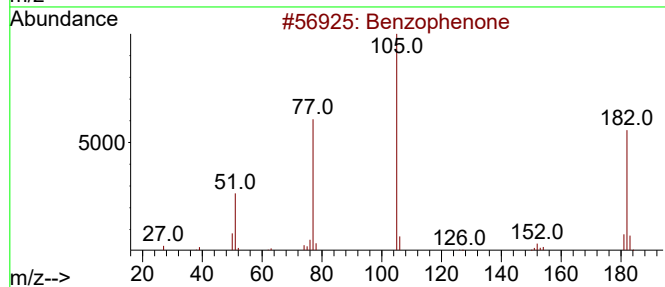
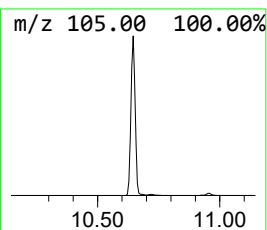
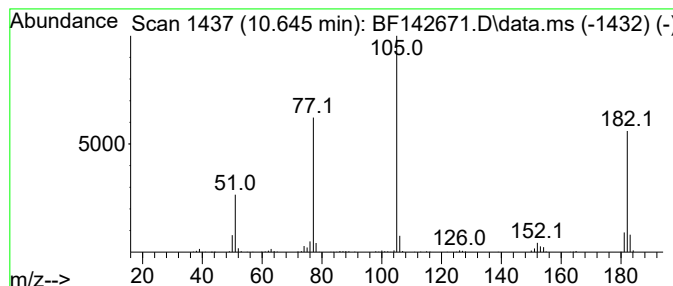
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	9.61 ng	459384	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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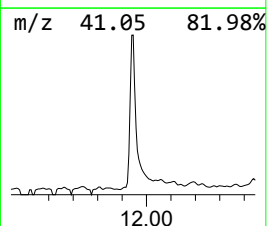
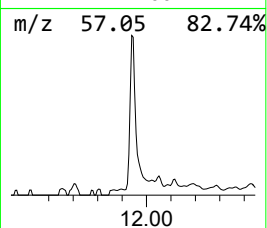
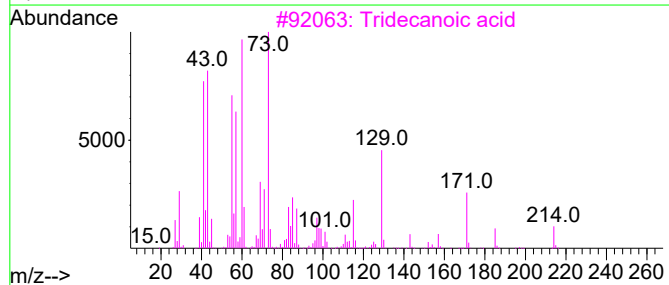
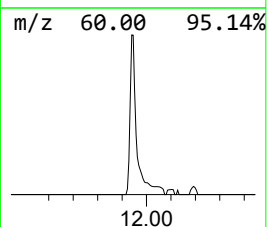
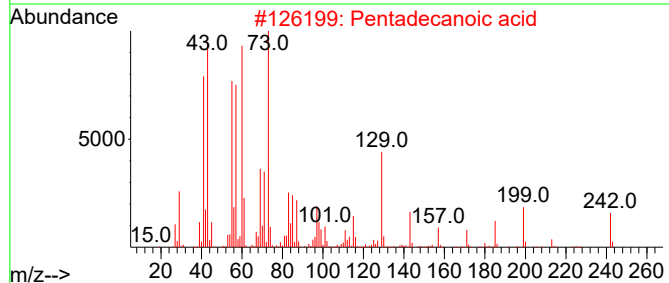
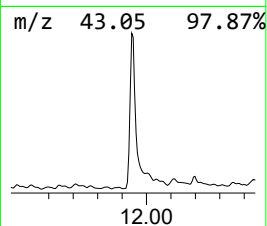
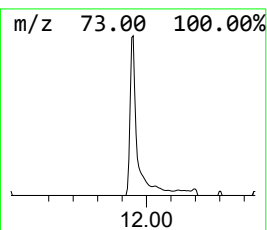
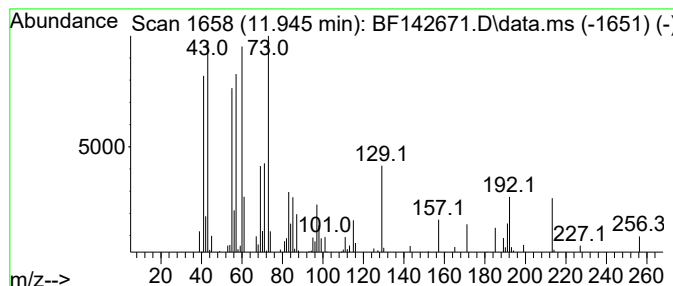
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.58 ng	141019	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5			Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	20



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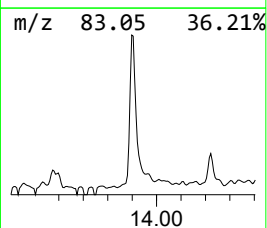
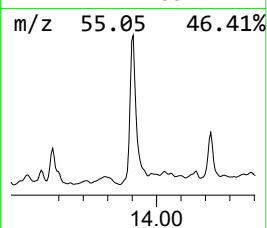
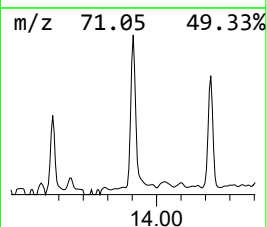
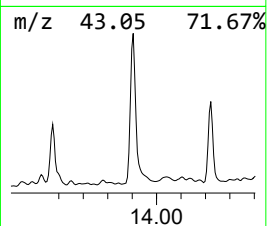
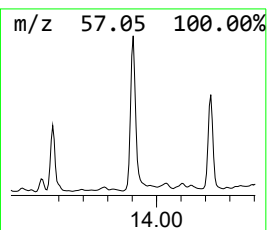
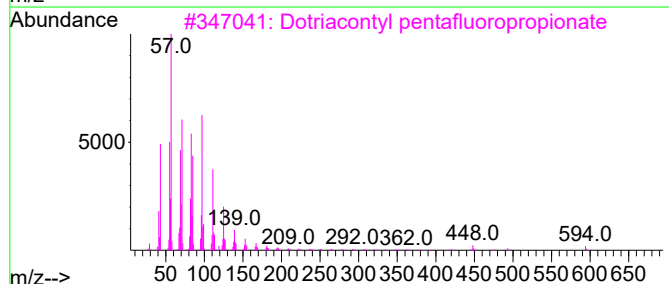
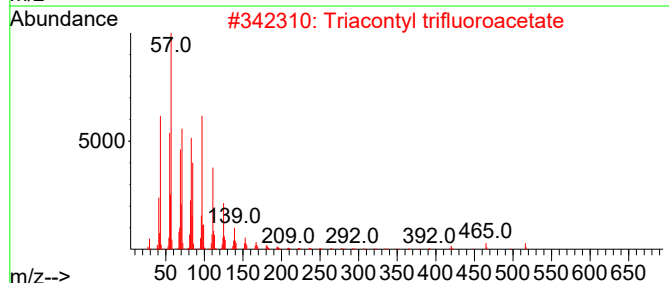
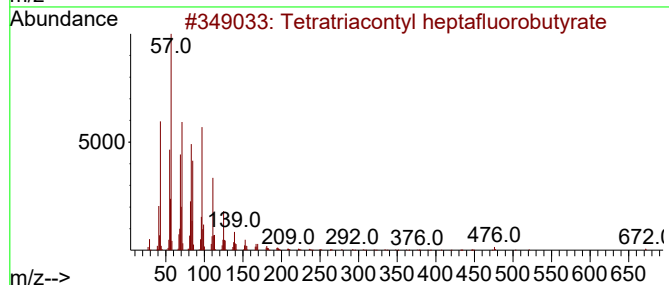
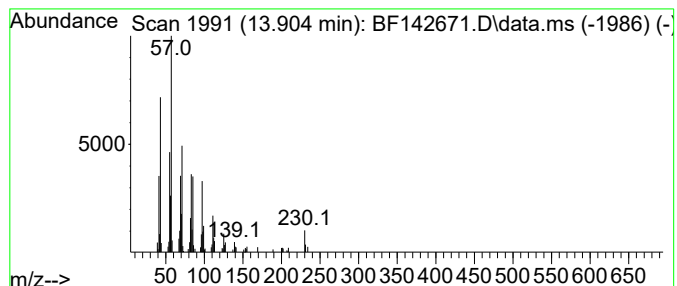
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Peak Number 4 Tetratriacontyl heptafluoro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.78 ng	103308	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
2			Triacetyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
3			Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	91
4			Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
5			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91



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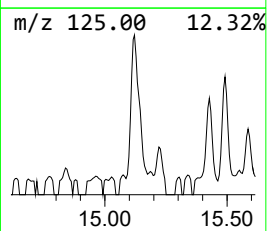
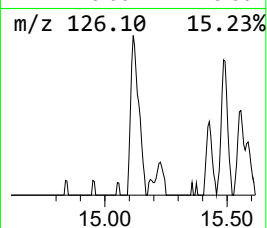
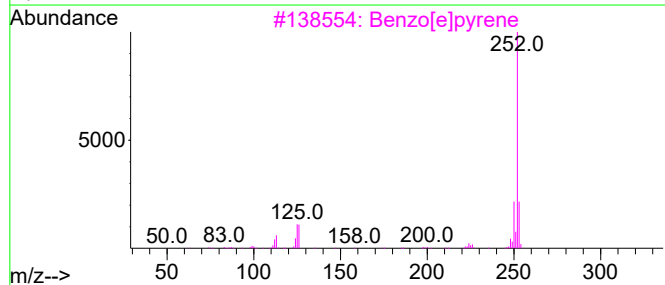
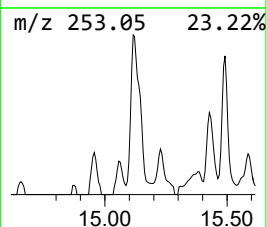
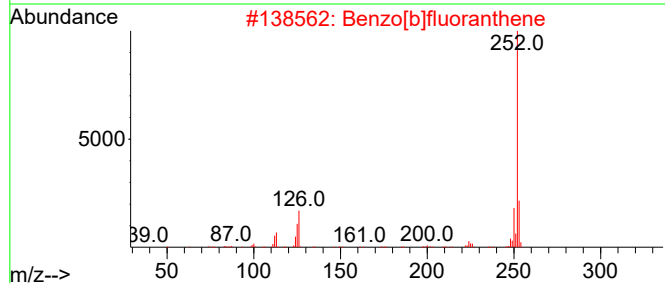
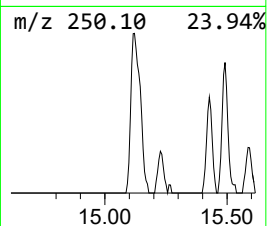
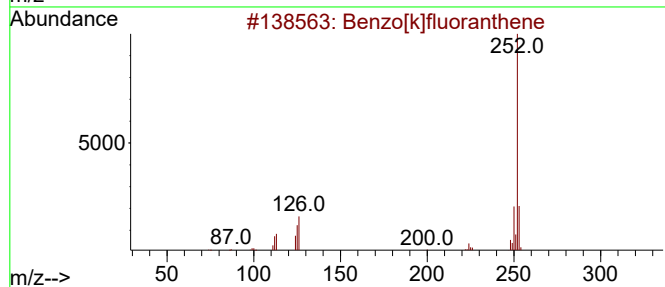
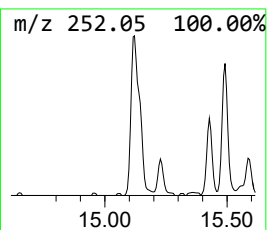
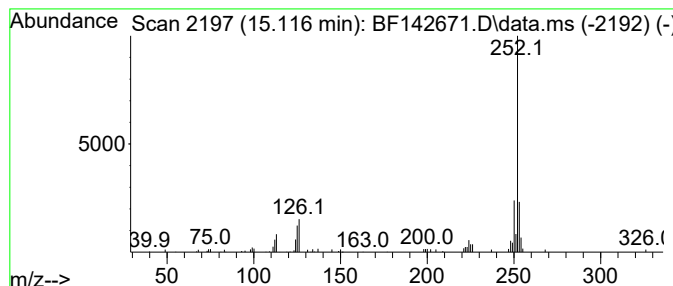
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Peak Number 5 Benzo[k]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	2.11 ng	79442	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[e]pyrene	252	C20H12	000192-97-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5			Perylene	252	C20H12	000198-55-0	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	7.1	ng	249083	1	6.893	699867	20.0
Benzophenone	10.645	9.6	ng	459384	3	9.934	955691	20.0
n-Hexadecanoic ...	11.945	3.6	ng	141019	4	11.422	788401	20.0
Tetratriacontyl...	13.904	2.8	ng	103308	5	14.063	742526	20.0
Benzo[k]fluoran...	15.116	2.1	ng	79442	6	15.557	752147	20.0