

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141848.D
 Acq On : 05 Mar 2025 17:20
 Operator : RC/JU
 Sample : Q1485-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-41

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-BF022725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141848.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	6	13	27	rVB	1156397	1854757	38.58%	5.239%
2	3.987	311	322	330	rBV	36495	63817	1.33%	0.180%
3	5.110	509	513	519	rVB	38323	61312	1.28%	0.173%
4	5.499	572	579	584	rBV	3258331	4363149	90.75%	12.324%
5	6.498	743	749	758	rBV	3150355	4398855	91.49%	12.425%
6	6.887	809	815	821	rBV	865206	1105448	22.99%	3.122%
7	7.440	900	909	914	rBV	2161176	2834318	58.95%	8.006%
8	7.693	947	952	961	rVB	83027	104801	2.18%	0.296%
9	8.163	1022	1032	1040	rBV	1148770	1501575	31.23%	4.241%
10	8.875	1146	1153	1159	rBV	64959	80940	1.68%	0.229%
11	8.975	1166	1170	1174	rBV	51868	61697	1.28%	0.174%
12	9.239	1209	1215	1220	rBV	3744161	4807903	100.00%	13.580%
13	9.916	1324	1330	1335	rBV	1196950	1489359	30.98%	4.207%
14	10.628	1445	1451	1458	rBV	345789	426474	8.87%	1.205%
15	10.698	1458	1463	1475	rVV	2081873	2794514	58.12%	7.893%
16	10.828	1480	1485	1495	rVB2	34868	60781	1.26%	0.172%
17	11.404	1577	1583	1591	rBV	1004088	1461281	30.39%	4.128%
18	11.922	1664	1671	1683	rBV2	303870	529681	11.02%	1.496%
19	12.610	1783	1788	1794	rBV	157096	200185	4.16%	0.565%
20	12.710	1800	1805	1812	rBV2	39767	70168	1.46%	0.198%
21	12.839	1819	1827	1833	rBV	133485	207739	4.32%	0.587%
22	12.986	1844	1852	1857	rBV	2793868	3577618	74.41%	10.105%
23	13.463	1929	1933	1941	rVB	52370	74548	1.55%	0.211%
24	13.880	2000	2004	2014	rBV	142833	251139	5.22%	0.709%
25	14.033	2024	2030	2042	rVB	949532	1382162	28.75%	3.904%
26	15.074	2202	2207	2217	rBV	84380	196652	4.09%	0.555%
27	15.380	2255	2259	2264	rVB	44319	66441	1.38%	0.188%
28	15.439	2265	2269	2274	rVV	58875	87088	1.81%	0.246%
29	15.504	2275	2280	2293	rVB	782185	1288902	26.81%	3.641%

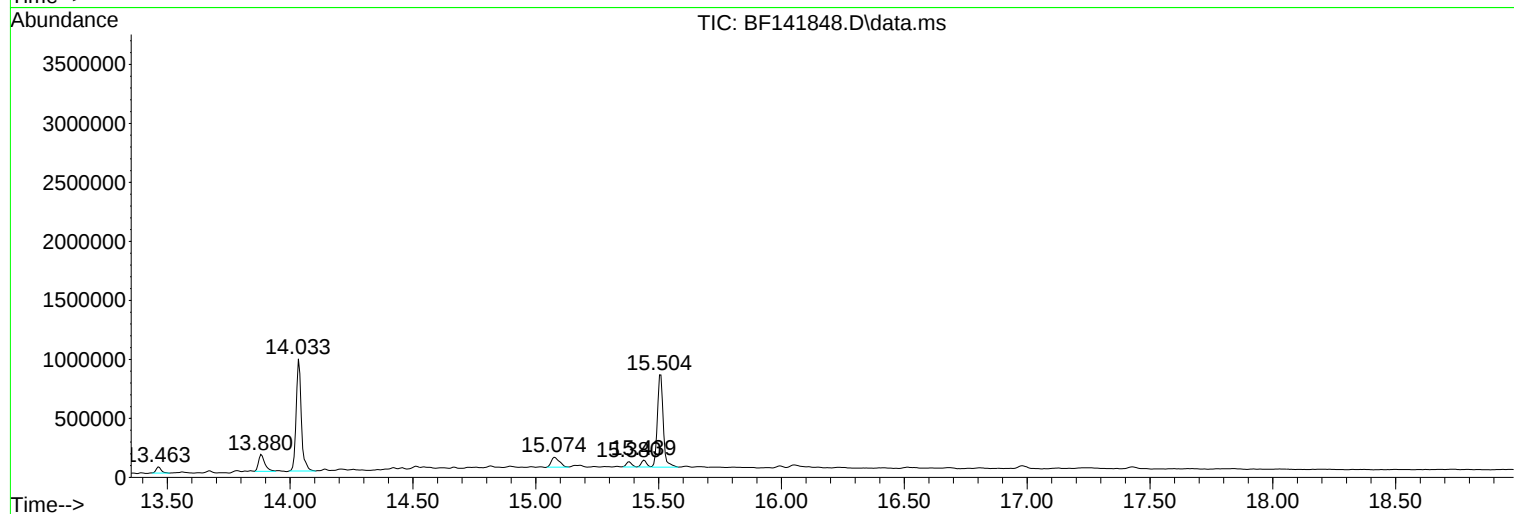
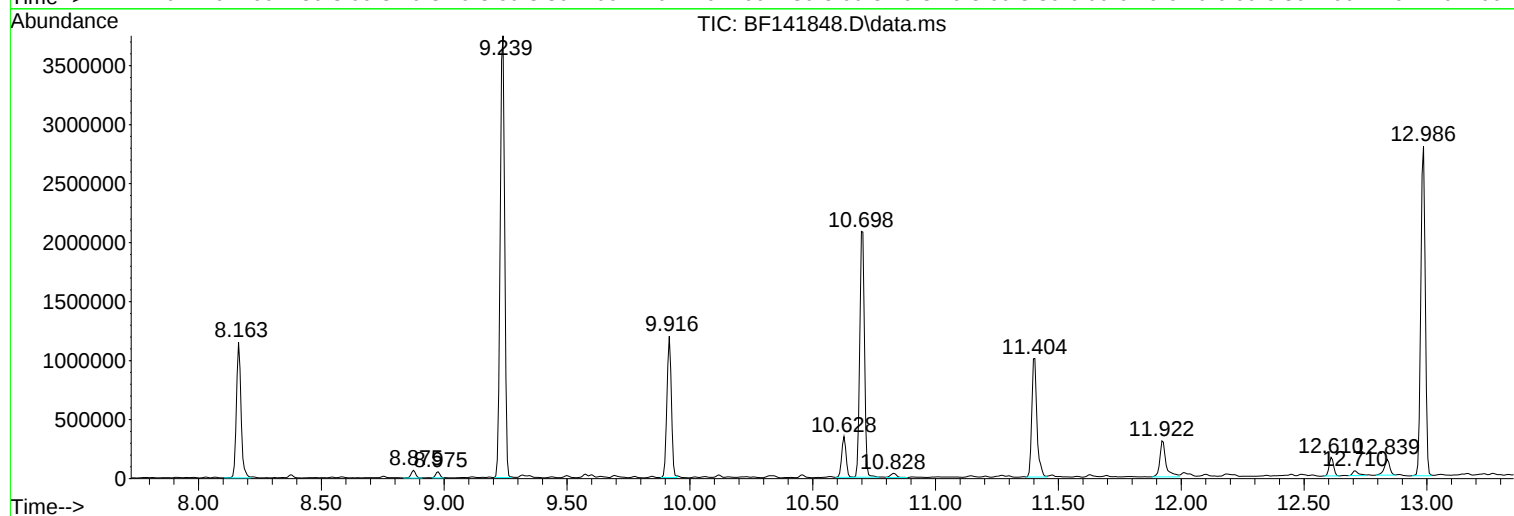
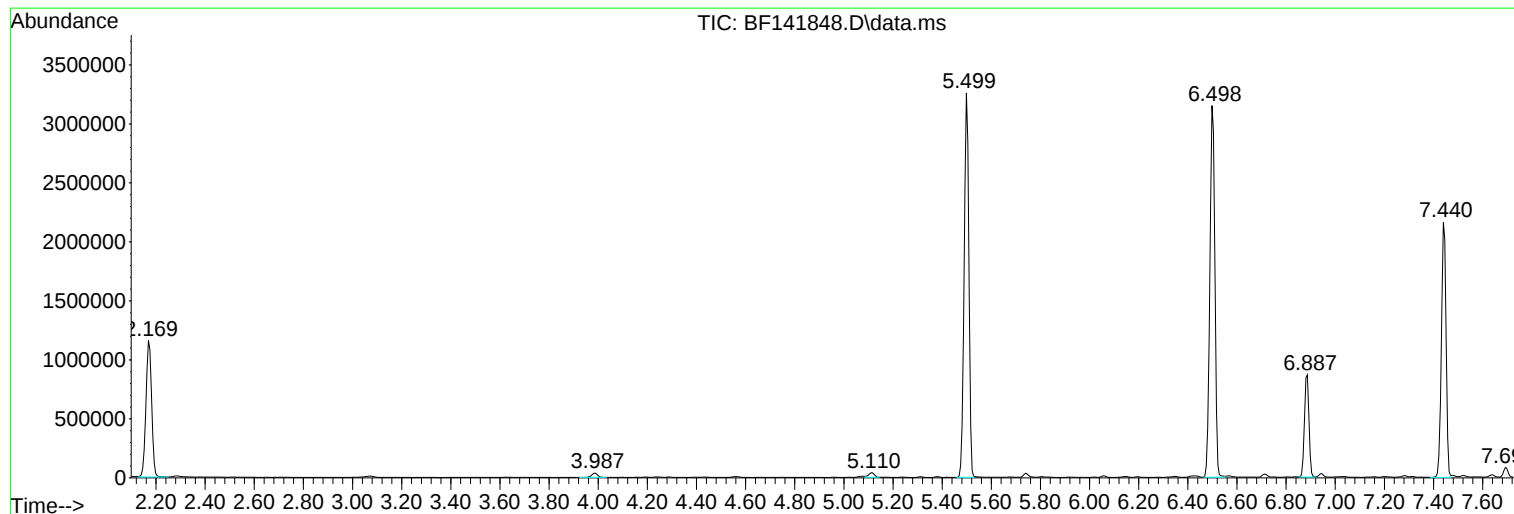
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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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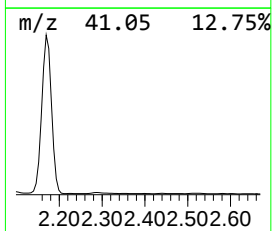
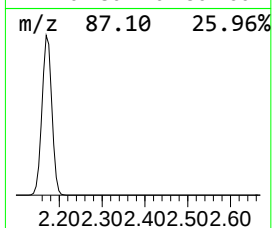
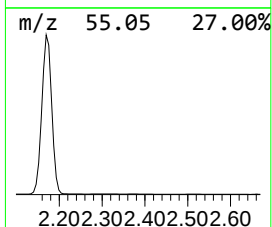
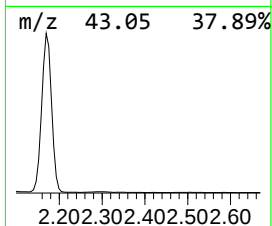
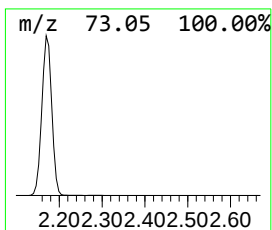
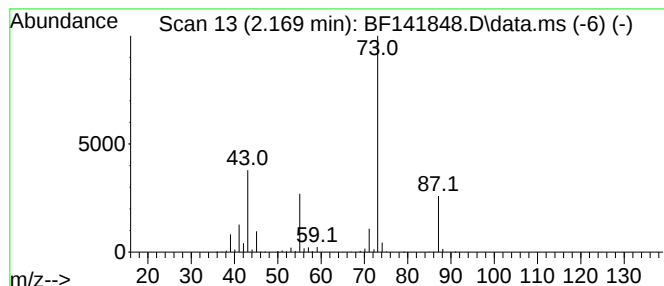
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	33.56 ng	1854760	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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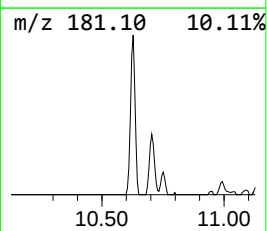
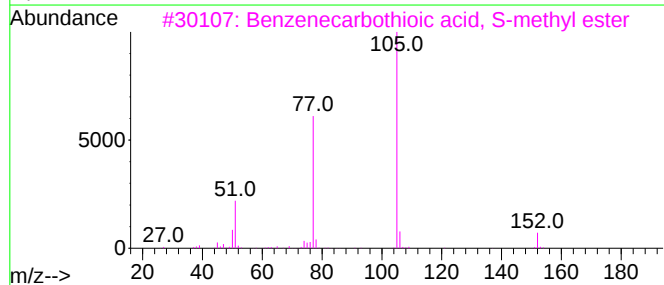
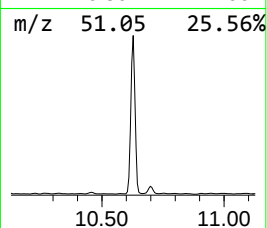
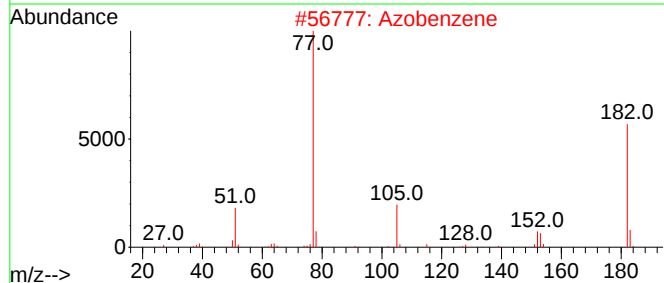
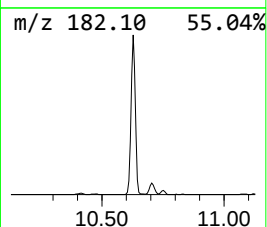
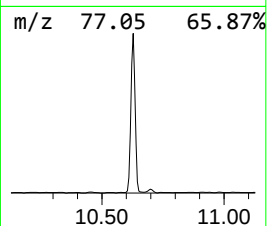
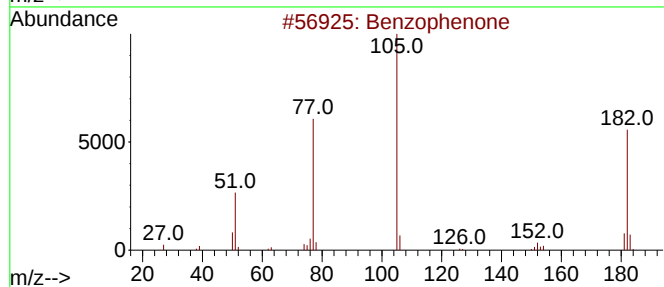
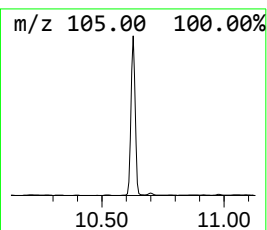
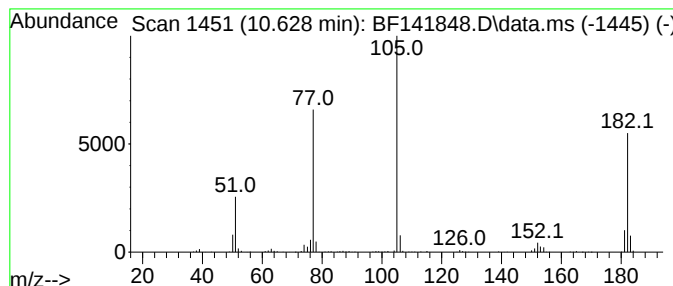
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	5.73 ng	426474	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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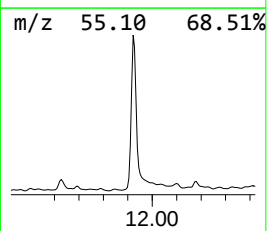
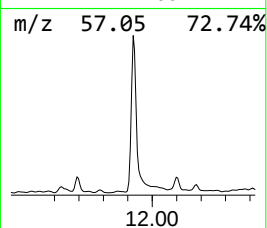
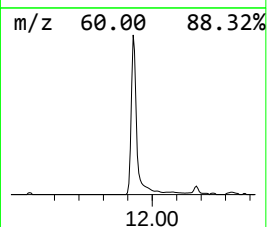
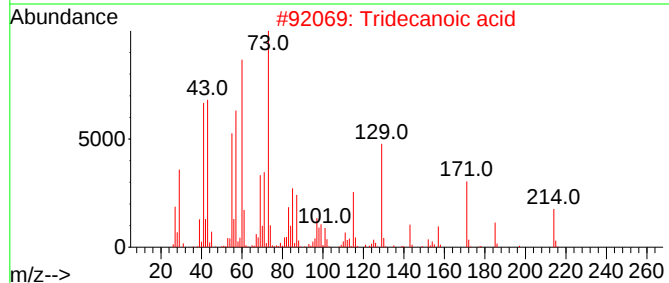
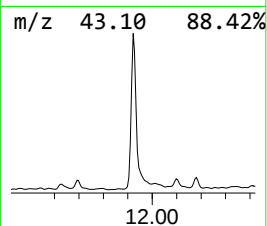
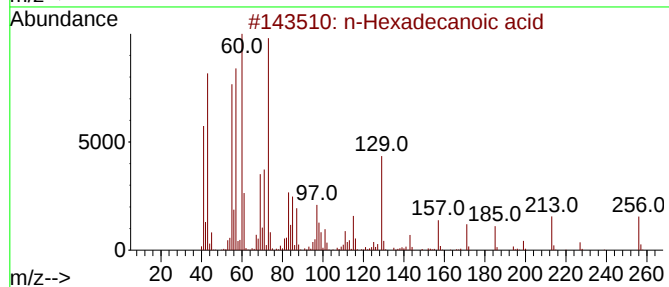
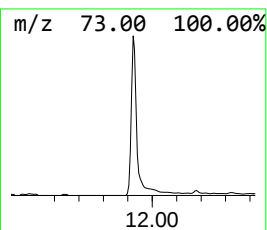
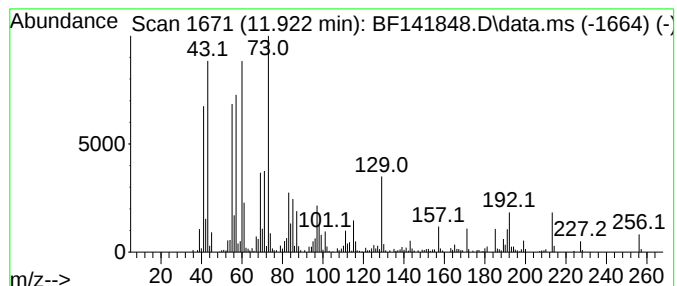
Instrument :
BNA_F
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.922	7.25 ng	529681	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



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Instrument :
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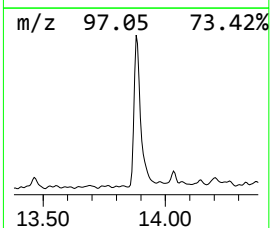
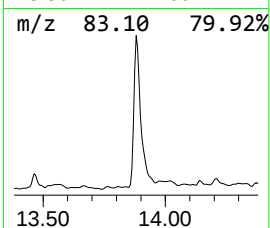
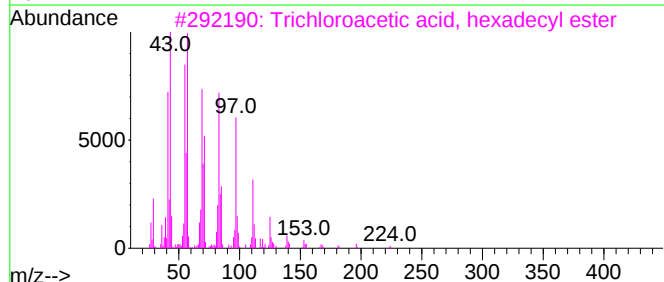
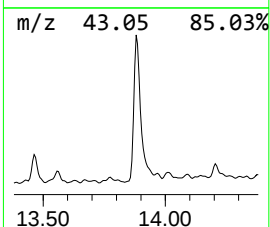
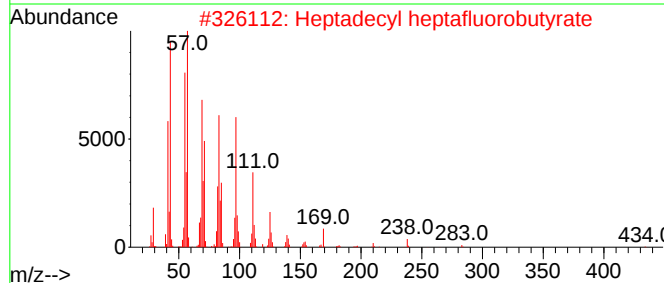
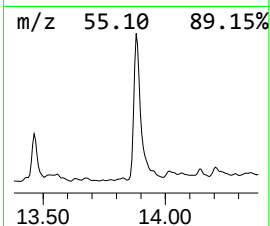
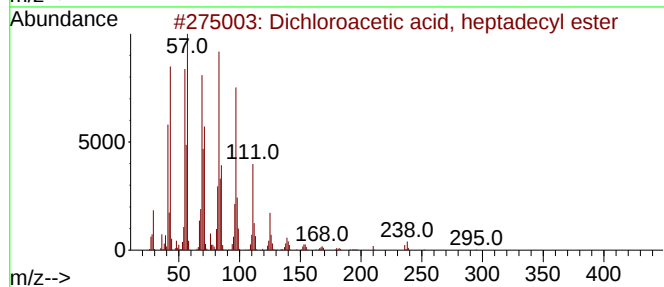
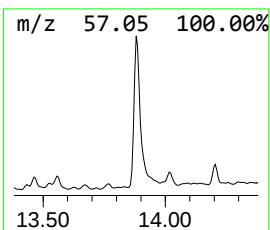
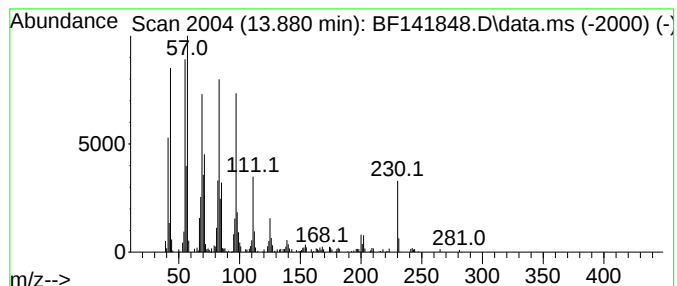
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.63 ng	251139	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			Behenic alcohol	326	C22H46O	000661-19-8	94



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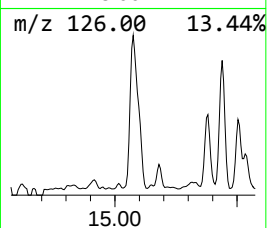
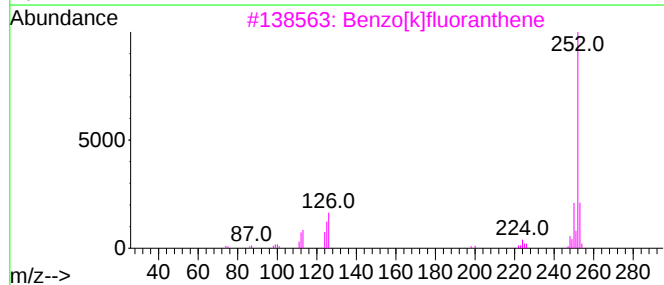
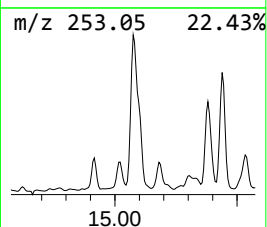
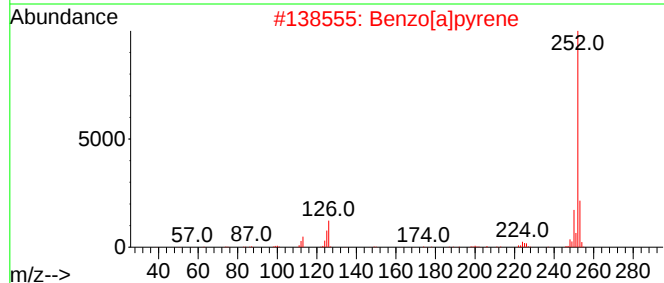
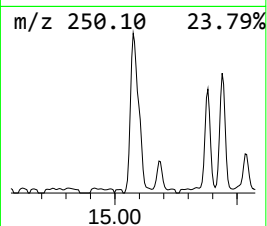
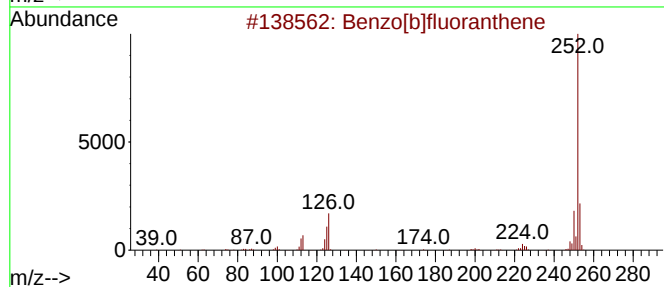
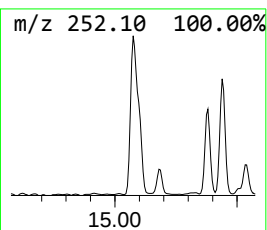
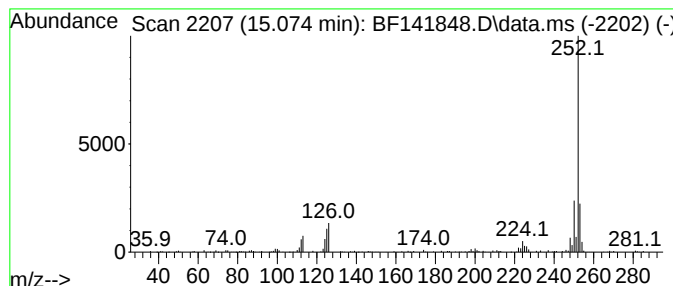
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	3.05 ng	196652	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[e]pyrene	252	C20H12	000192-97-2	95
5			Perylene	252	C20H12	000198-55-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.169	33.6	ng	1854760	1	6.887	1105450	20.0
Benzophenone	10.628	5.7	ng	426474	3	9.916	1489360	20.0
n-Hexadecanoic ...	11.922	7.3	ng	529681	4	11.404	1461280	20.0
Dichloroacetic ...	13.880	3.6	ng	251139	5	14.033	1382160	20.0
Benzo[e]pyrene	15.074	3.0	ng	196652	6	15.510	1288900	20.0