

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122249.D
 Acq On : 3 Nov 2020 19:36
 Operator : JU/CG
 Sample : L4605-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-01

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-BF101220.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122249.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.339	550	553	592	rBV	1008701	1780571	82.44%	10.505%
2	6.369	725	728	755	rBV	1214910	1892978	87.64%	11.169%
3	6.710	783	786	798	rVB	475066	493335	22.84%	2.911%
4	7.281	880	883	911	rBV	1000829	1172784	54.30%	6.919%
5	7.992	1001	1004	1024	rBV	589637	652384	30.20%	3.849%
6	9.063	1183	1186	1204	rBV	1949535	2050213	94.92%	12.096%
7	9.469	1252	1255	1266	rBV	177999	226750	10.50%	1.338%
8	9.745	1298	1302	1314	rBV	740671	756775	35.04%	4.465%
9	10.539	1434	1437	1452	rBV	1112560	1357861	62.87%	8.011%
10	11.233	1552	1555	1558	rBV	793735	757234	35.06%	4.468%
11	11.763	1639	1645	1654	rBV3	50145	117298	5.43%	0.692%
12	12.292	1732	1735	1739	rBV2	20477	26585	1.23%	0.157%
13	12.451	1759	1762	1767	rBV	295025	275111	12.74%	1.623%
14	12.680	1796	1801	1808	rBV	251096	274008	12.69%	1.617%
15	12.815	1820	1824	1827	rBV	2476651	2159868	100.00%	12.743%
16	12.898	1835	1838	1844	rVB2	19728	32335	1.50%	0.191%
17	13.021	1856	1859	1864	rVB3	23124	38060	1.76%	0.225%
18	13.121	1873	1876	1879	rBV2	29660	29905	1.38%	0.176%
19	13.304	1904	1907	1913	rVB2	20215	24710	1.14%	0.146%
20	13.545	1943	1948	1953	rBV	38333	44847	2.08%	0.265%
21	13.657	1962	1967	1970	rBV2	36367	48876	2.26%	0.288%
22	13.710	1970	1976	1983	rBV3	178415	354094	16.39%	2.089%
23	13.880	2001	2005	2009	rBV	689481	800377	37.06%	4.722%
24	13.909	2009	2010	2016	rVB	148268	129738	6.01%	0.765%
25	14.109	2041	2044	2047	rBV	24262	25939	1.20%	0.153%
26	14.321	2077	2080	2082	rBV3	44209	42576	1.97%	0.251%
27	14.351	2082	2085	2089	rVV3	48159	61717	2.86%	0.364%
28	14.621	2128	2131	2136	rVB3	25379	28261	1.31%	0.167%
29	14.921	2178	2182	2183	rBV	133376	170837	7.91%	1.008%
30	15.015	2196	2198	2205	rVB2	35004	57278	2.65%	0.338%
31	15.209	2227	2231	2235	rBV	64938	80521	3.73%	0.475%
32	15.274	2238	2242	2246	rBV2	85634	122652	5.68%	0.724%
33	15.321	2246	2250	2259	rVB	412796	579223	26.82%	3.417%
34	15.692	2308	2313	2318	rBV2	79416	115142	5.33%	0.679%
35	16.698	2480	2484	2490	rBV2	22309	36497	1.69%	0.215%
36	16.768	2492	2496	2504	rVB2	30278	57961	2.68%	0.342%

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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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.203	2565	2570	2580	rBV3	28751	73863	3.42%	0.436%
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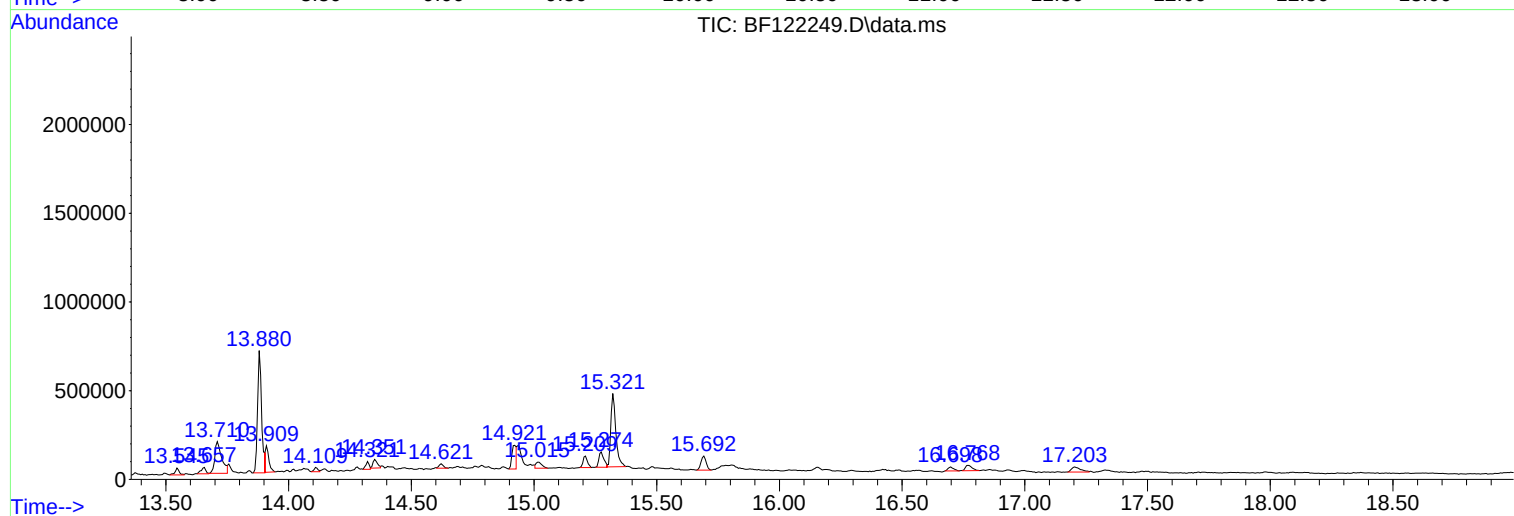
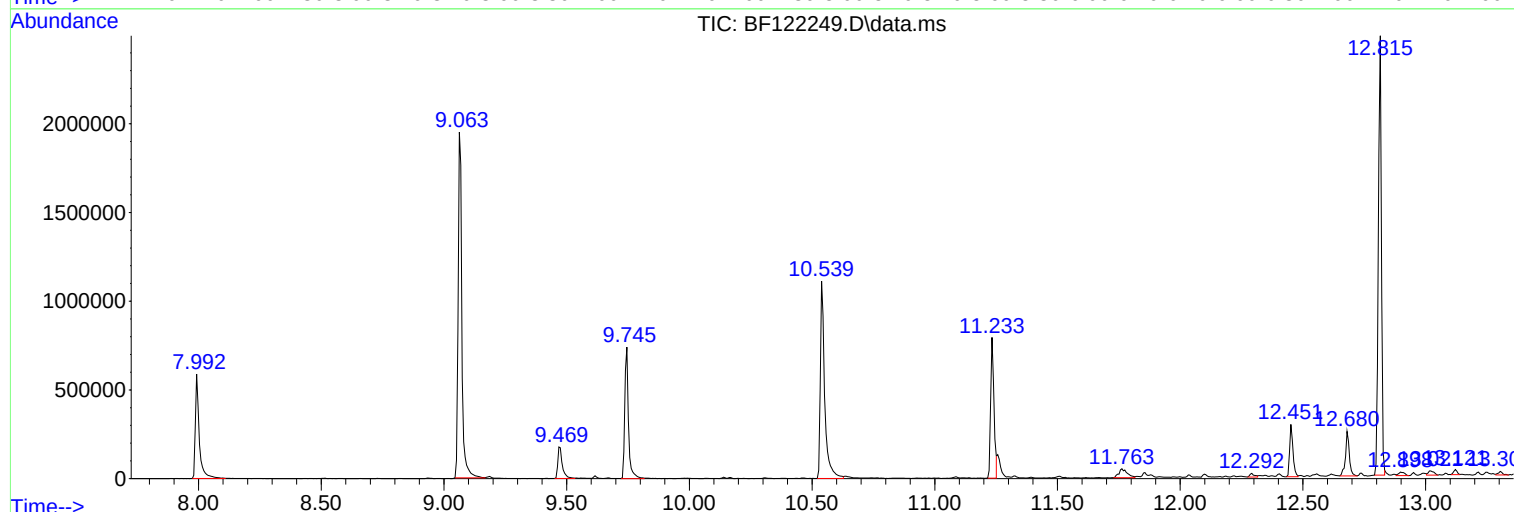
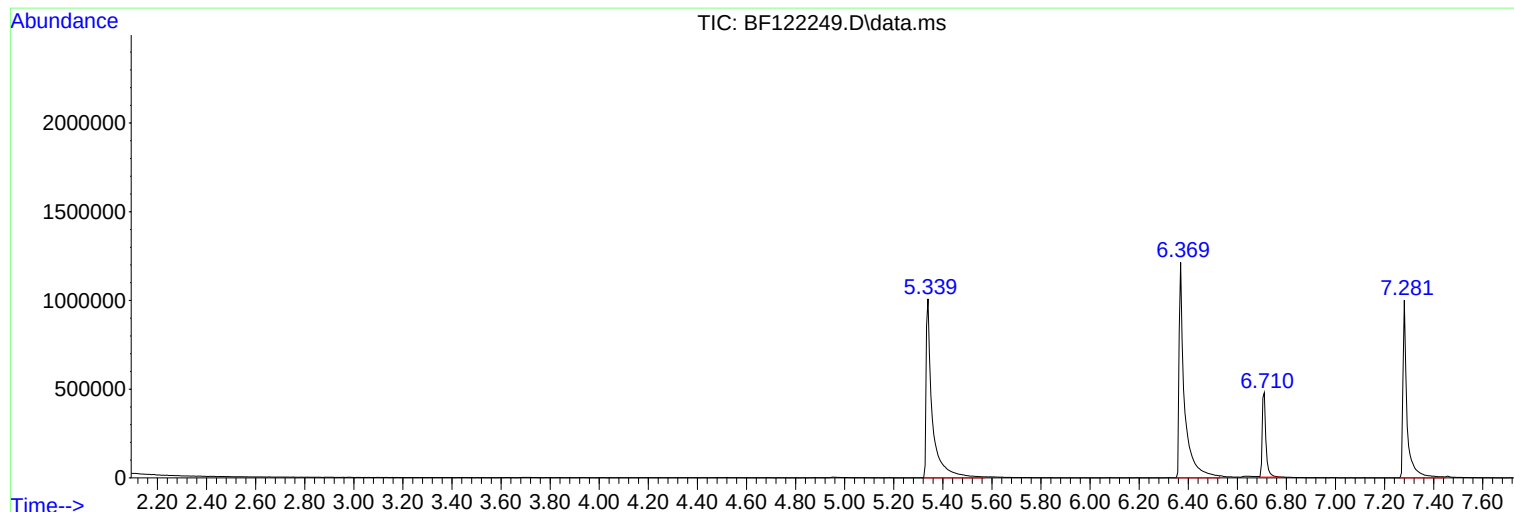
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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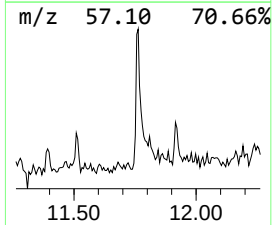
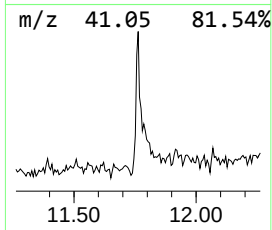
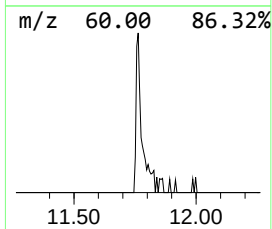
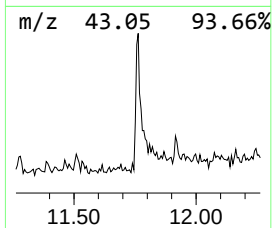
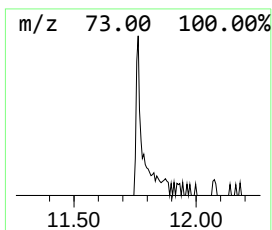
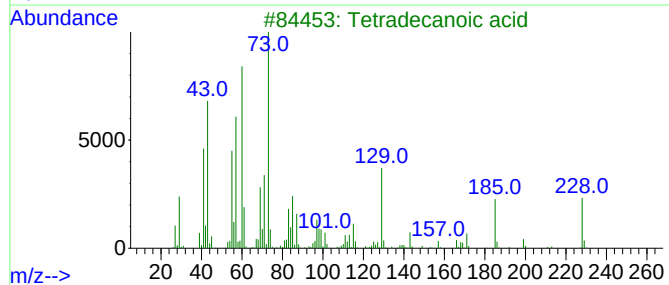
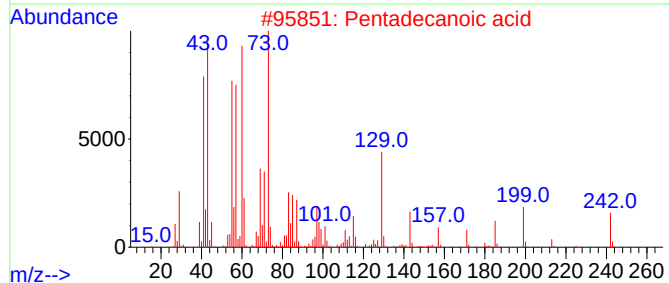
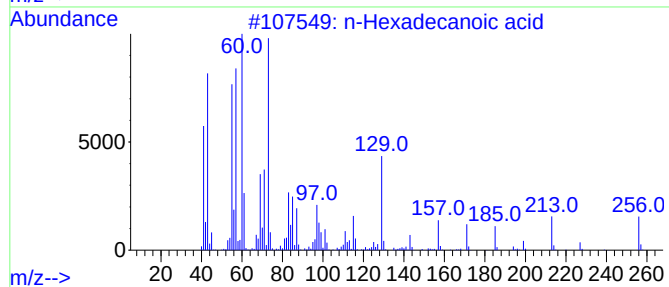
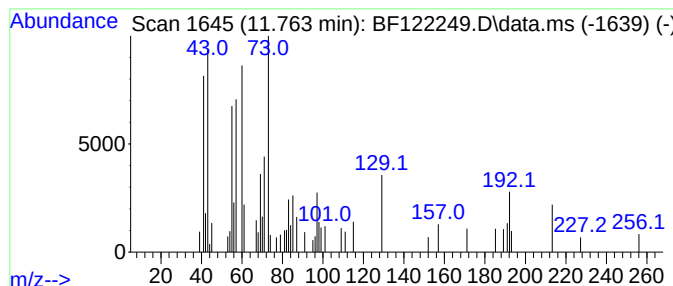
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	3.10 ng	117298	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Dodecanoic acid	200	C12H24O2	000143-07-7	58
5			Tridecanoic acid	214	C13H26O2	000638-53-9	58



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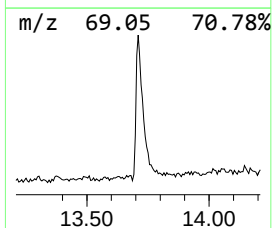
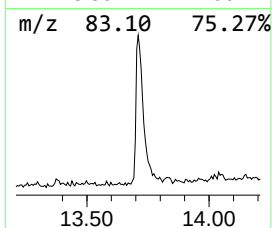
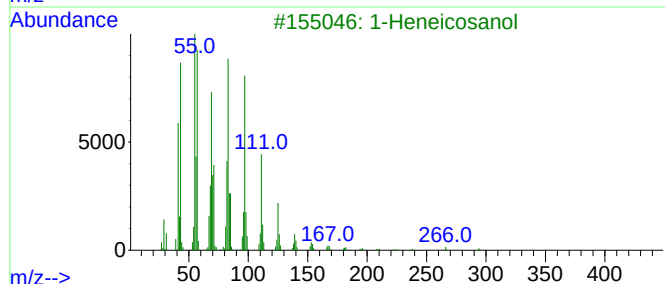
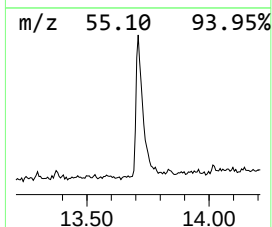
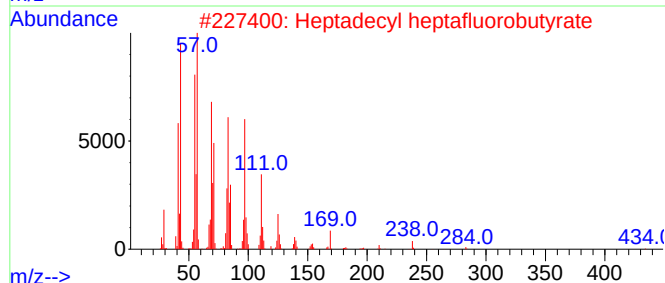
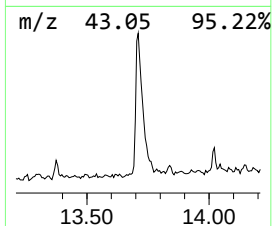
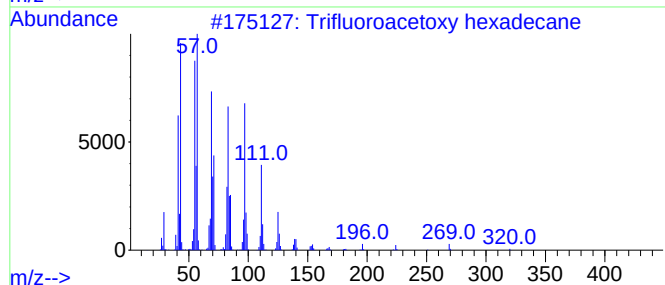
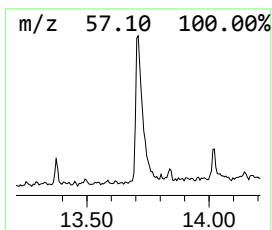
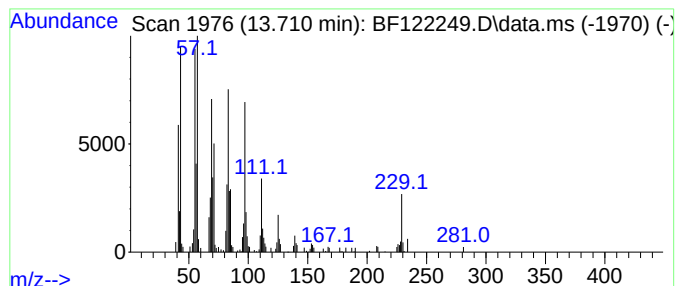
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	8.85 ng	354094	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5			1-Docosene	308	C22H44	001599-67-3	93



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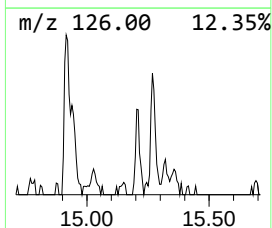
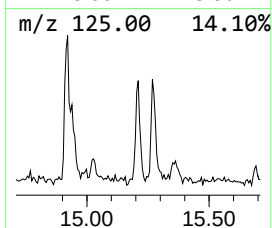
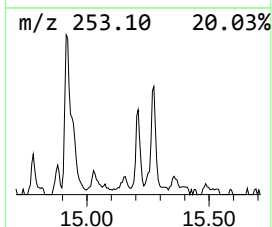
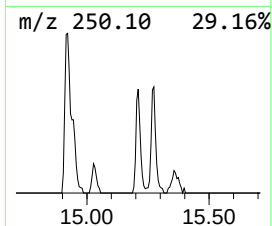
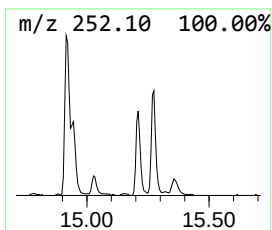
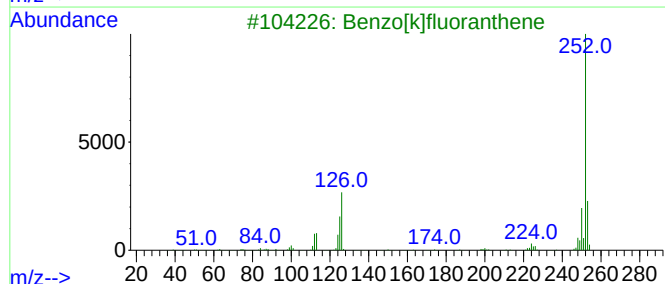
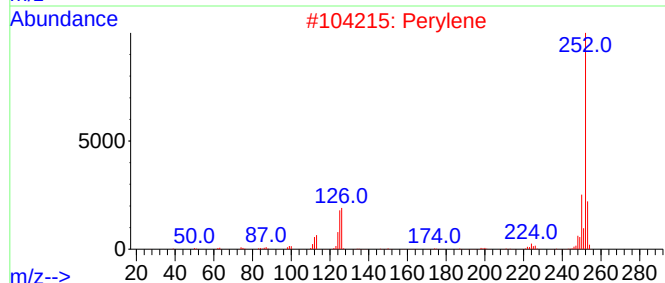
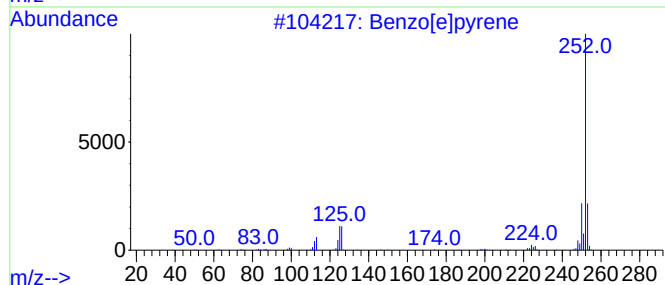
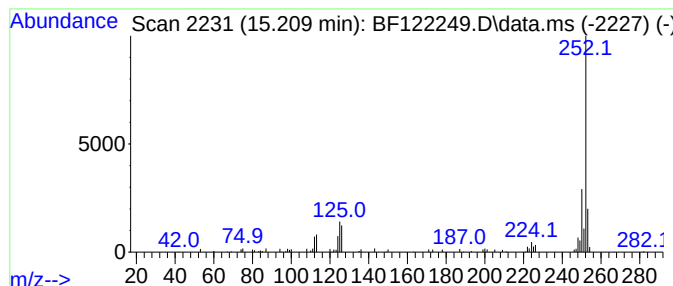
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.209	2.78 ng	80521	Perylene-d12	15.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



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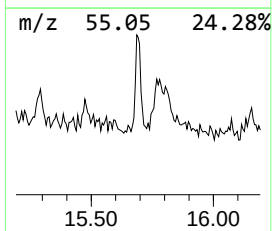
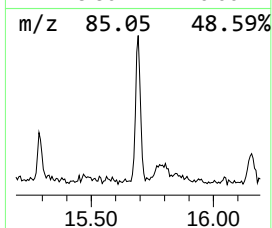
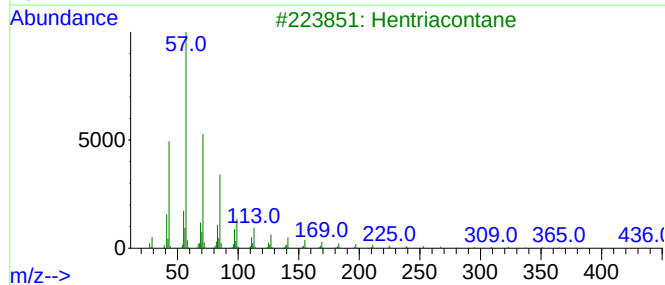
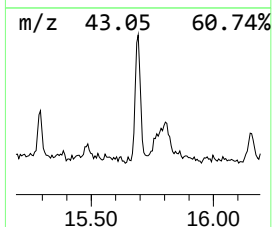
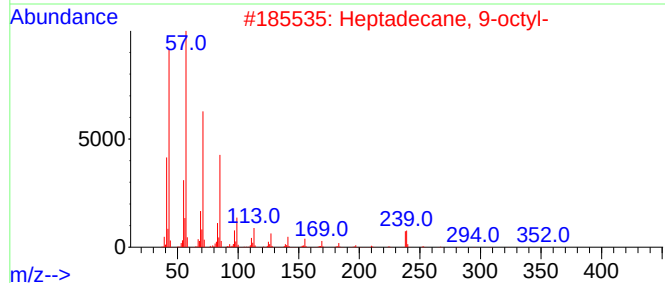
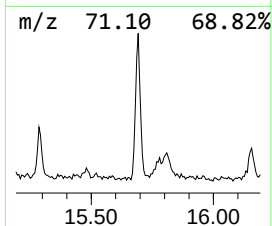
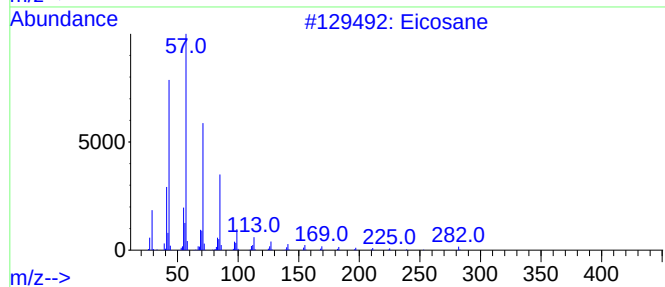
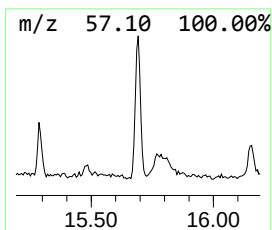
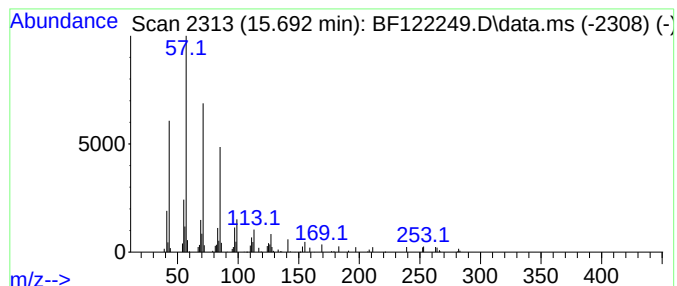
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	3.98 ng	115142	Perylene-d12	15.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			triacontane	422	C30H62	000638-68-6	90



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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.763	3.1	ng	117298	4	11.233	757234	20.0
Trifluoroacetox...	13.710	8.8	ng	354094	5	13.880	800377	20.0
Benzo[e]pyrene	15.209	2.8	ng	80521	6	15.321	579223	20.0
Eicosane	15.692	4.0	ng	115142	6	15.321	579223	20.0