

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143850.D
 Acq On : 30 Sep 2025 23:30
 Operator : RC/JU
 Sample : Q3245-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-1

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-BF092325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143850.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	484	494	505	rBV2	29242	53985	2.37%	0.275%
2	5.493	555	561	575	rBV	1718809	2278307	100.00%	11.623%
3	6.498	726	732	753	rBV	1568840	2074116	91.04%	10.582%
4	6.881	792	797	803	rBV	551808	698836	30.67%	3.565%
5	7.440	885	892	903	rBV	1034031	1329760	58.37%	6.784%
6	8.163	1010	1015	1031	rBV	663286	851865	37.39%	4.346%
7	9.239	1193	1198	1210	rBV	1659548	2084715	91.50%	10.636%
8	9.557	1247	1252	1262	rVB	98339	135739	5.96%	0.693%
9	9.922	1309	1314	1324	rBV	663324	825380	36.23%	4.211%
10	10.598	1421	1429	1431	rBV	19982	27096	1.19%	0.138%
11	10.633	1431	1435	1442	rVB	159601	194095	8.52%	0.990%
12	10.710	1442	1448	1465	rBV	1057814	1435093	62.99%	7.322%
13	11.410	1562	1567	1574	rBV	548335	721441	31.67%	3.681%
14	11.933	1648	1656	1668	rBV2	148978	266251	11.69%	1.358%
15	12.498	1744	1752	1767	rVB8	15618	57442	2.52%	0.293%
16	12.622	1767	1773	1778	rBV	52125	76955	3.38%	0.393%
17	12.722	1785	1790	1802	rBV3	26391	49305	2.16%	0.252%
18	12.851	1808	1812	1818	rVB	41933	59591	2.62%	0.304%
19	12.998	1831	1837	1842	rBV	1772188	2274519	99.83%	11.604%
20	13.227	1872	1876	1882	rBV3	22522	48765	2.14%	0.249%
21	13.433	1905	1911	1924	rBV3	65367	169023	7.42%	0.862%
22	13.569	1930	1934	1944	rVB	17675	28333	1.24%	0.145%
23	13.921	1987	1994	2009	rBV4	65937	265006	11.63%	1.352%
24	14.051	2010	2016	2025	rBV	793961	1133152	49.74%	5.781%
25	14.521	2093	2096	2100	rBV	29050	37268	1.64%	0.190%
26	15.098	2189	2194	2203	rBV	59395	148775	6.53%	0.759%
27	15.180	2204	2208	2215	rVB2	64238	97604	4.28%	0.498%
28	15.404	2242	2246	2252	rVB	32525	51768	2.27%	0.264%
29	15.468	2253	2257	2261	rVV	35395	53421	2.34%	0.273%
30	15.533	2262	2268	2288	rVB	909358	1516395	66.56%	7.736%
31	15.774	2305	2309	2314	rVB2	31133	46585	2.04%	0.238%
32	16.015	2344	2350	2356	rBV	80945	149315	6.55%	0.762%
33	17.215	2548	2554	2569	rBV3	142620	360970	15.84%	1.842%

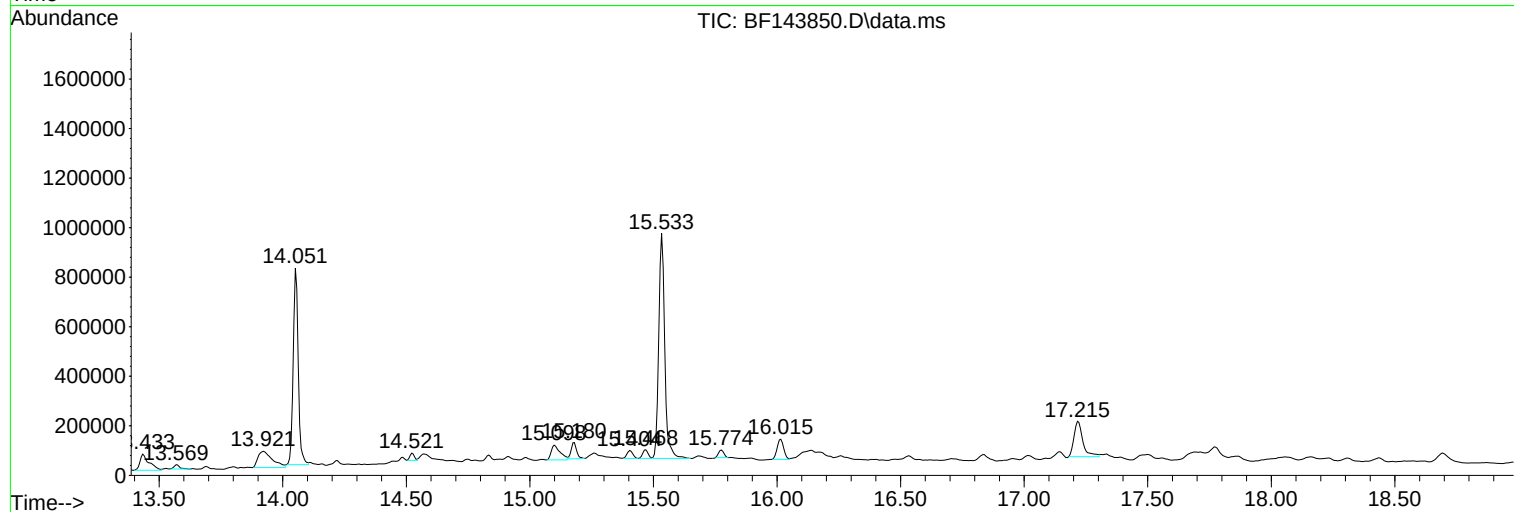
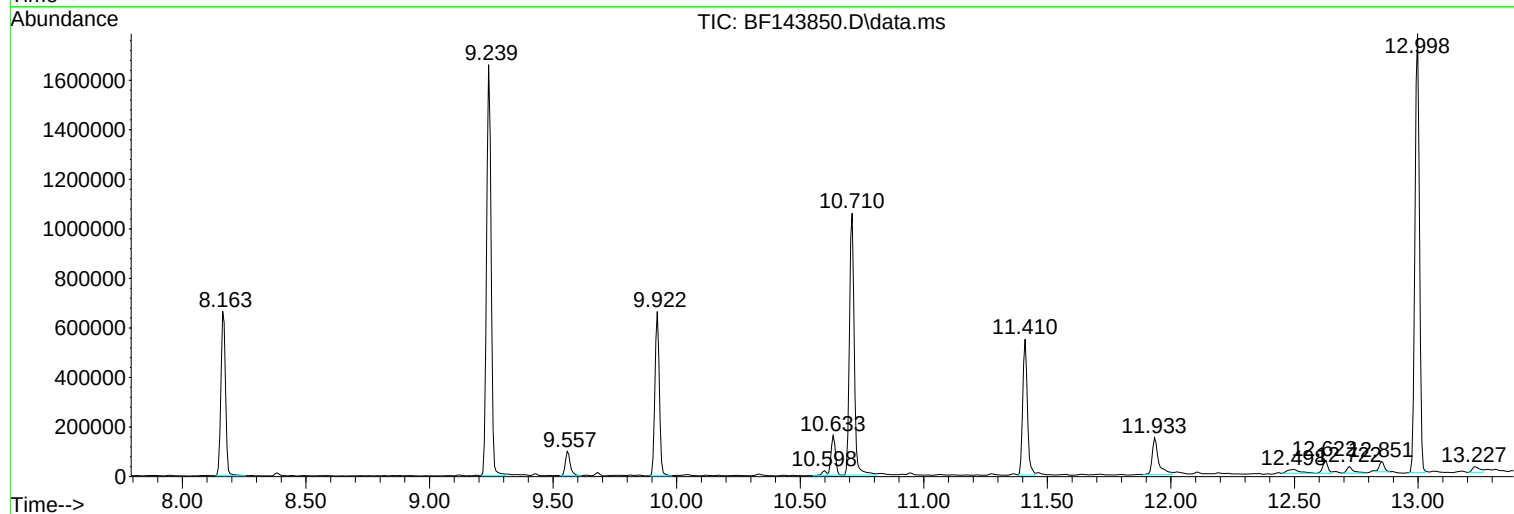
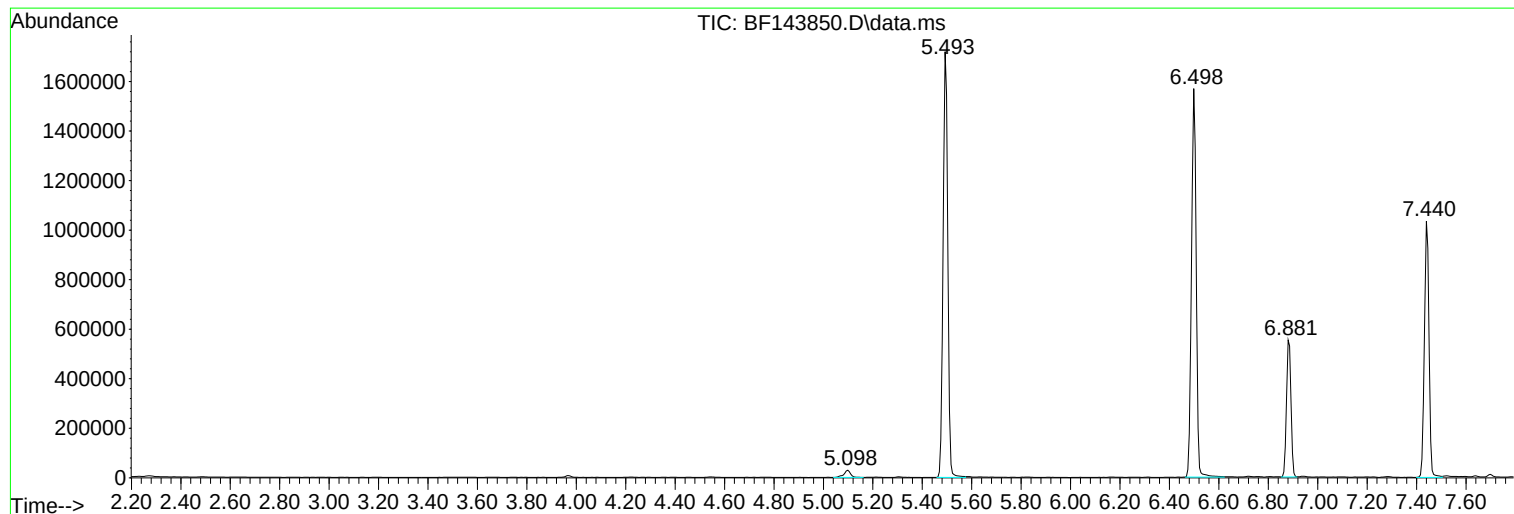
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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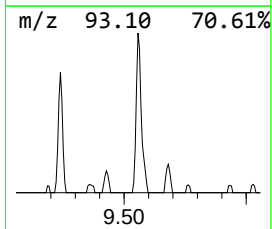
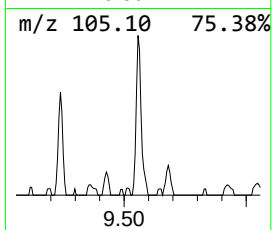
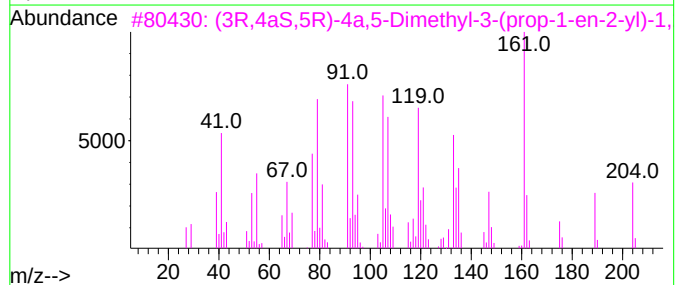
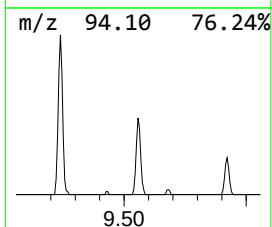
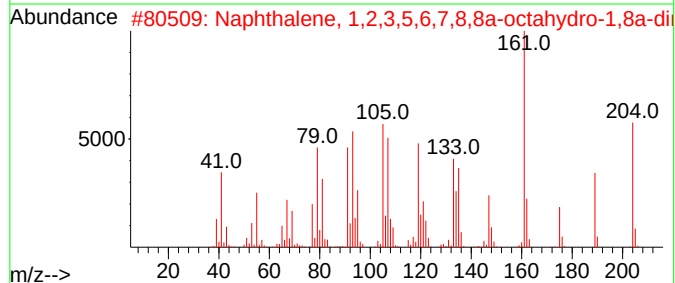
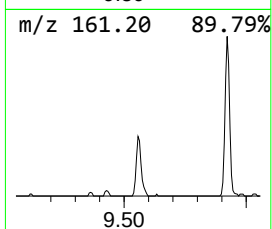
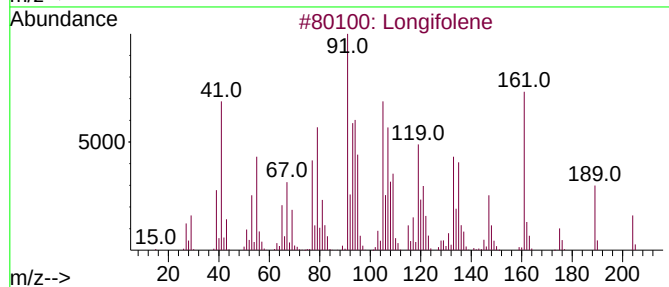
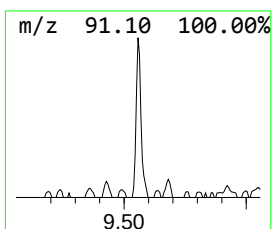
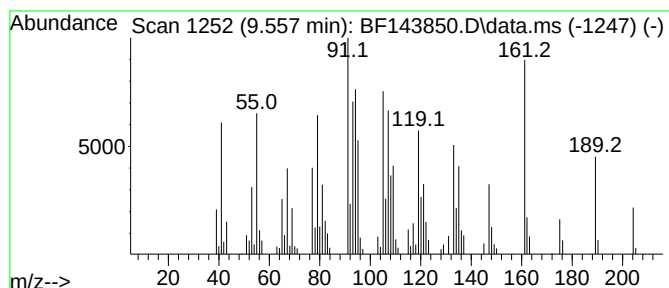
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Longifolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	3.29 ng	135739	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	97
3			(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	95
4			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	93
5			.beta.-Neoclovene	204	C15H24	056684-96-9	90



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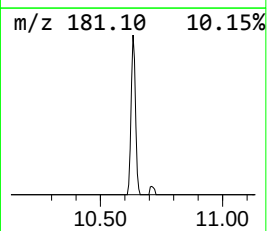
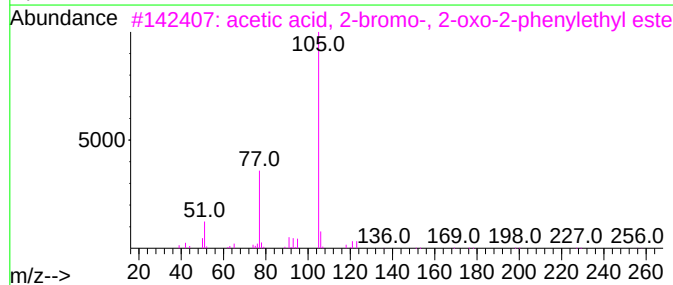
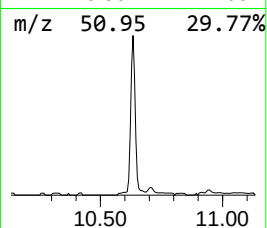
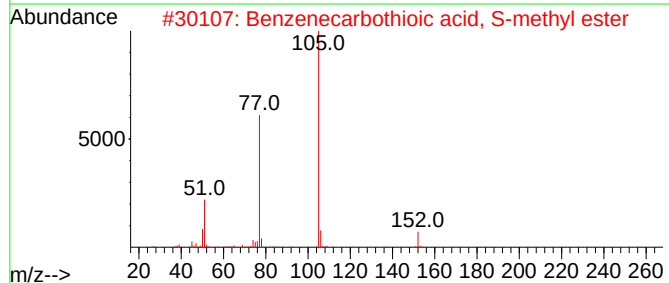
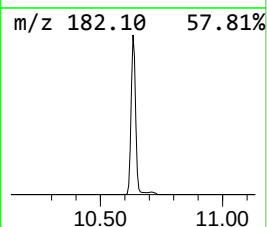
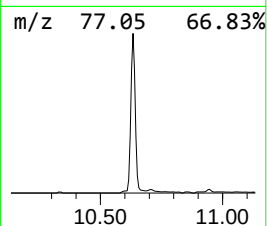
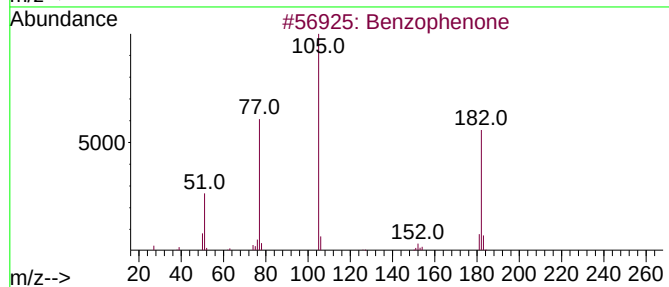
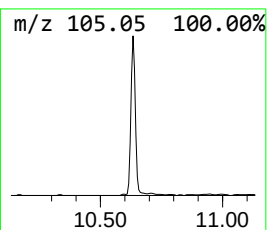
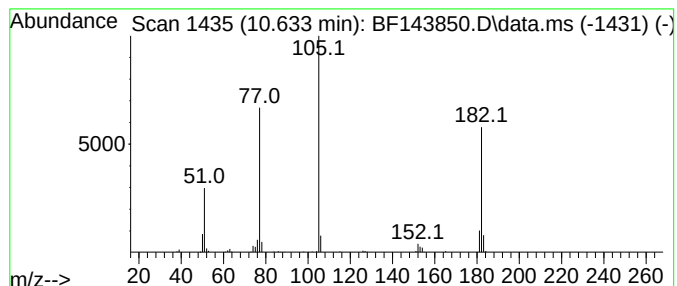
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.633	4.70 ng	194095	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4			2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9N02	037791-41-6	47
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47



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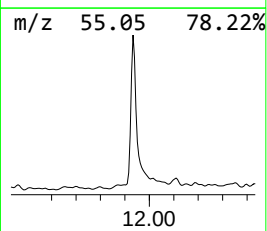
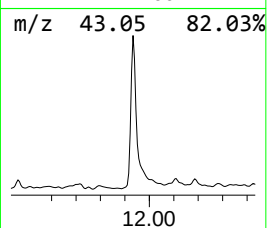
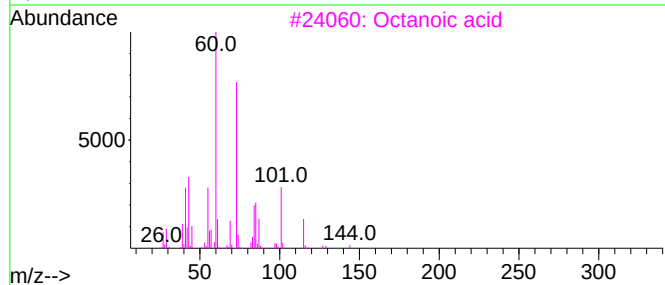
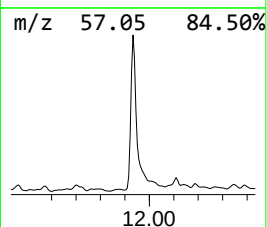
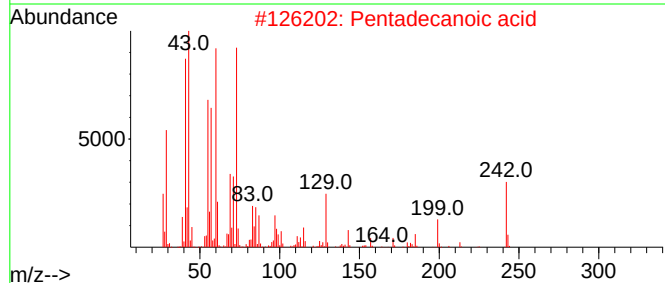
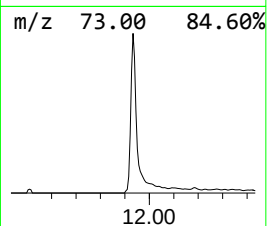
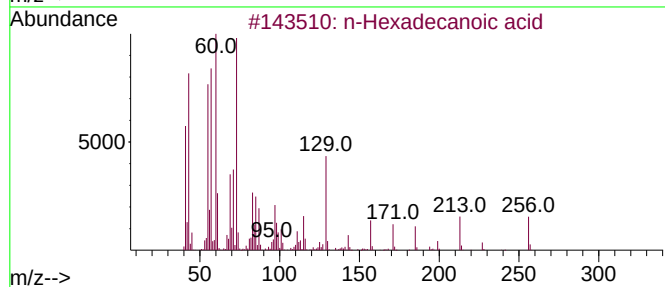
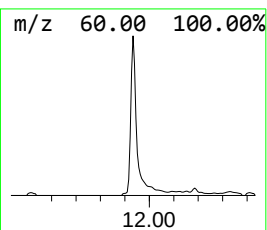
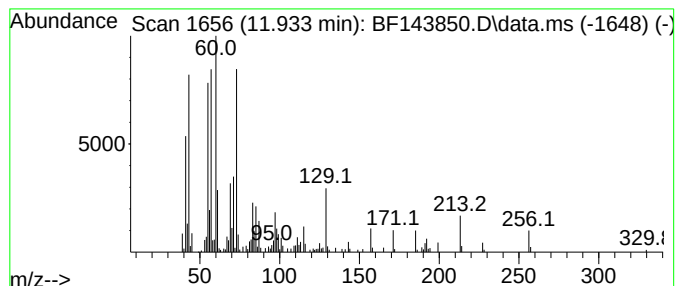
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	7.38 ng	266251	Phenanthrene-d10	11.410

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	80
3			Octanoic acid	144	C8H16O2	000124-07-2	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Nonanoic acid	158	C9H18O2	000112-05-0	60



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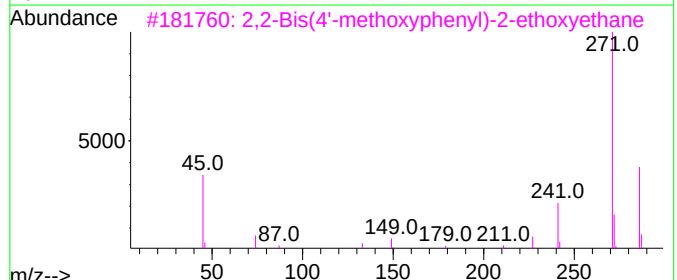
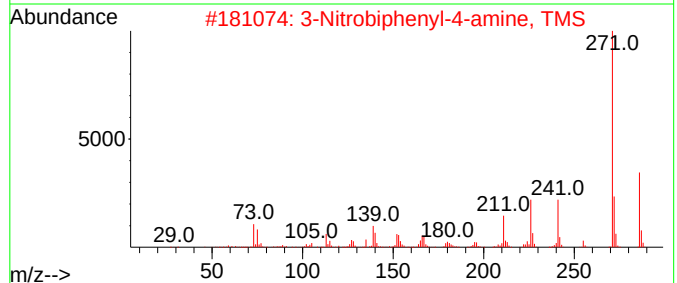
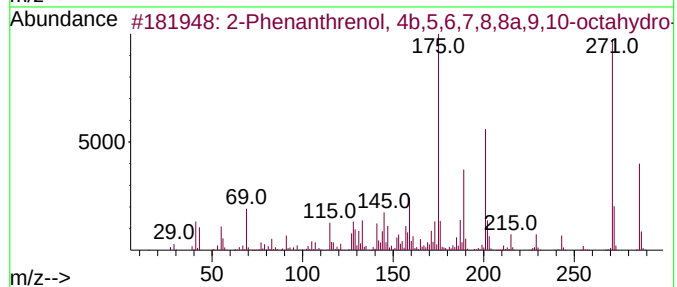
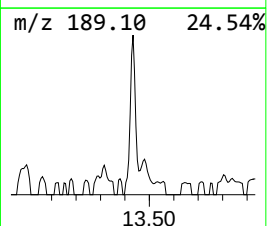
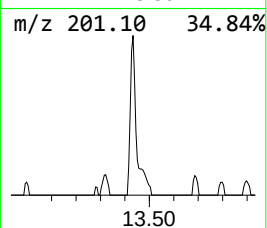
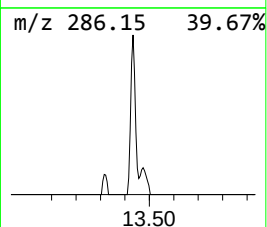
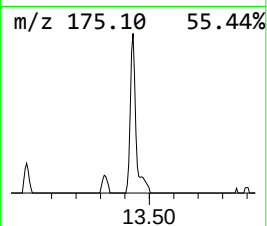
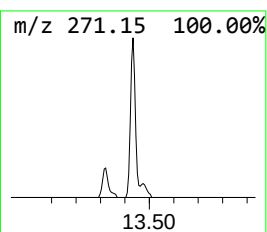
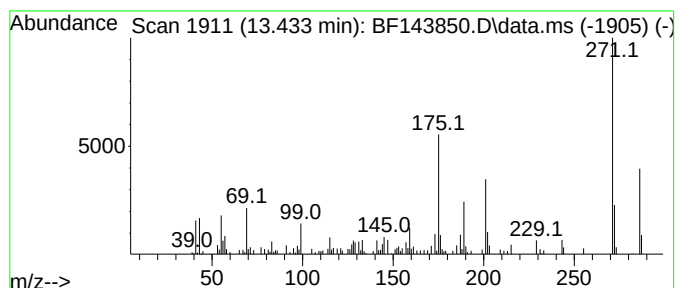
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.433	2.98 ng	169023	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	3-Nitrobiphenyl-4-amine, TMS	286	C15H18N2O2Si	1000514-50-3	47
3	2,2-Bis(4'-methoxyphenyl)-2-etho...	286	C18H22O3	1000283-53-7	43
4	6-Amino-5,8-dimethoxy-4-methyl-2...	286	C13H13F3N2O2	085868-17-3	37
5	Silane, methylvinyl(4,4-dimethyl...	386	C20H42O3Si2	1000420-82-1	35



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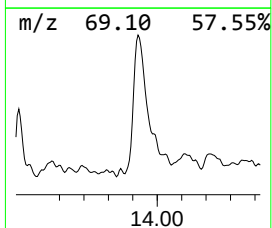
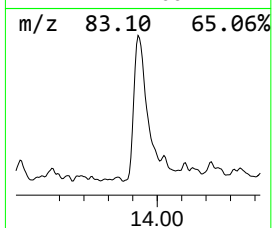
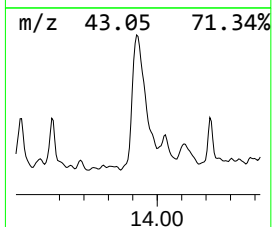
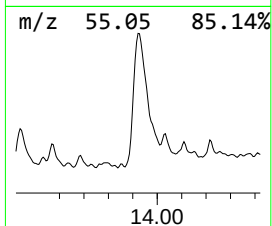
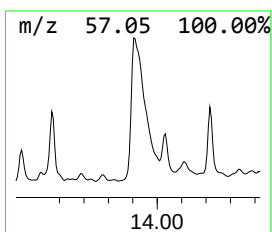
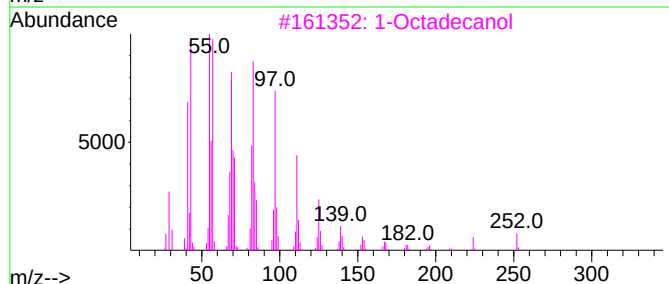
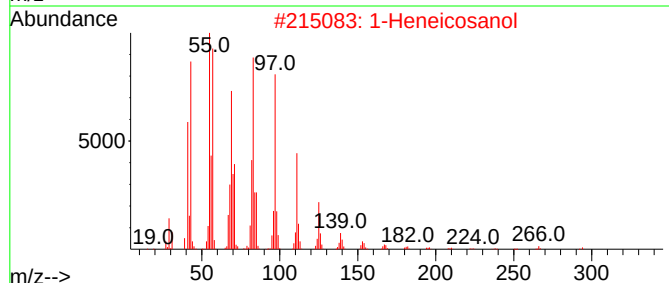
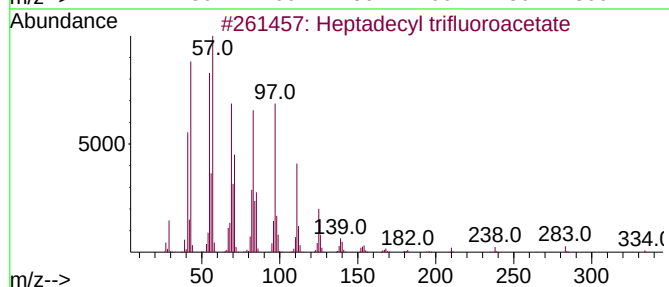
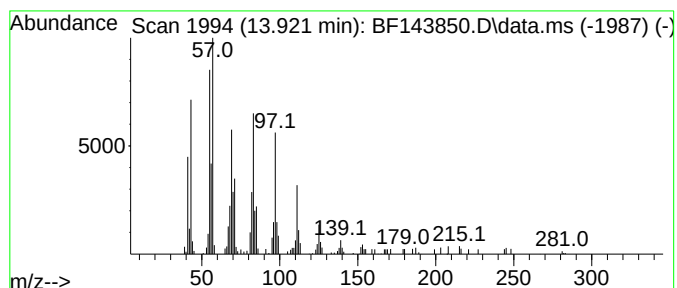
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Peak Number 6 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	4.68 ng	265006	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			1-Octadecanol	270	C18H38O	000112-92-5	93
4			Behenic alcohol	326	C22H46O	000661-19-8	93
5			Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Longifolene	9.557	3.3	ng	135739	3	9.922	825380	20.0
Benzophenone	10.633	4.7	ng	194095	3	9.922	825380	20.0
n-Hexadecanoic ...	11.933	7.4	ng	266251	4	11.410	721441	20.0
2-Phenanthrenol...	13.433	3.0	ng	169023	5	14.051	1133150	20.0
Heptadecyl trif...	13.921	4.7	ng	265006	5	14.051	1133150	20.0