

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135902.D
 Acq On : 19 Oct 2023 23:25
 Operator : CG\JU
 Sample : 04685-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B4A-0-7.5

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-BF101323.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135902.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	487	490	499	rBV	16608	28767	2.47%	0.372%
2	5.375	556	559	582	rBV	891132	1110111	95.45%	14.370%
3	6.392	729	732	758	rBV	1065262	1163057	100.00%	15.055%
4	6.734	787	790	798	rBV	356471	297154	25.55%	3.847%
5	7.304	883	887	899	rBV	712576	639235	54.96%	8.275%
6	8.016	1004	1008	1015	rBV	383494	358995	30.87%	4.647%
7	9.092	1187	1191	1194	rBV	1273691	996494	85.68%	12.899%
8	9.210	1207	1211	1222	rVB	109129	111512	9.59%	1.443%
9	9.769	1303	1306	1315	rBV	404755	341947	29.40%	4.426%
10	10.569	1439	1442	1454	rBV	606954	538199	46.27%	6.967%
11	11.269	1557	1561	1570	rBV	368559	328338	28.23%	4.250%
12	11.798	1648	1651	1667	rBV2	62453	98475	8.47%	1.275%
13	12.368	1745	1748	1751	rVB2	16901	14988	1.29%	0.194%
14	12.498	1767	1770	1774	rBV	9773	14343	1.23%	0.186%
15	12.592	1784	1786	1797	rBV6	15432	29730	2.56%	0.385%
16	12.863	1828	1832	1835	rBV	1055394	856058	73.60%	11.081%
17	13.351	1910	1915	1918	rBV	17348	21910	1.88%	0.284%
18	13.433	1925	1929	1932	rBV2	17866	19145	1.65%	0.248%
19	13.833	1991	1997	2006	rBV2	15202	49571	4.26%	0.642%
20	13.933	2011	2014	2018	rBV	346482	313986	27.00%	4.064%
21	14.086	2037	2040	2044	rVB	18494	17979	1.55%	0.233%
22	14.392	2089	2092	2096	rVB2	20608	19804	1.70%	0.256%
23	14.692	2138	2143	2147	rBV3	23436	42593	3.66%	0.551%
24	15.033	2198	2201	2204	rVB2	17897	21287	1.83%	0.276%
25	15.409	2261	2265	2272	rVB2	204922	271303	23.33%	3.512%
26	15.839	2335	2338	2345	rVB5	13401	20324	1.75%	0.263%

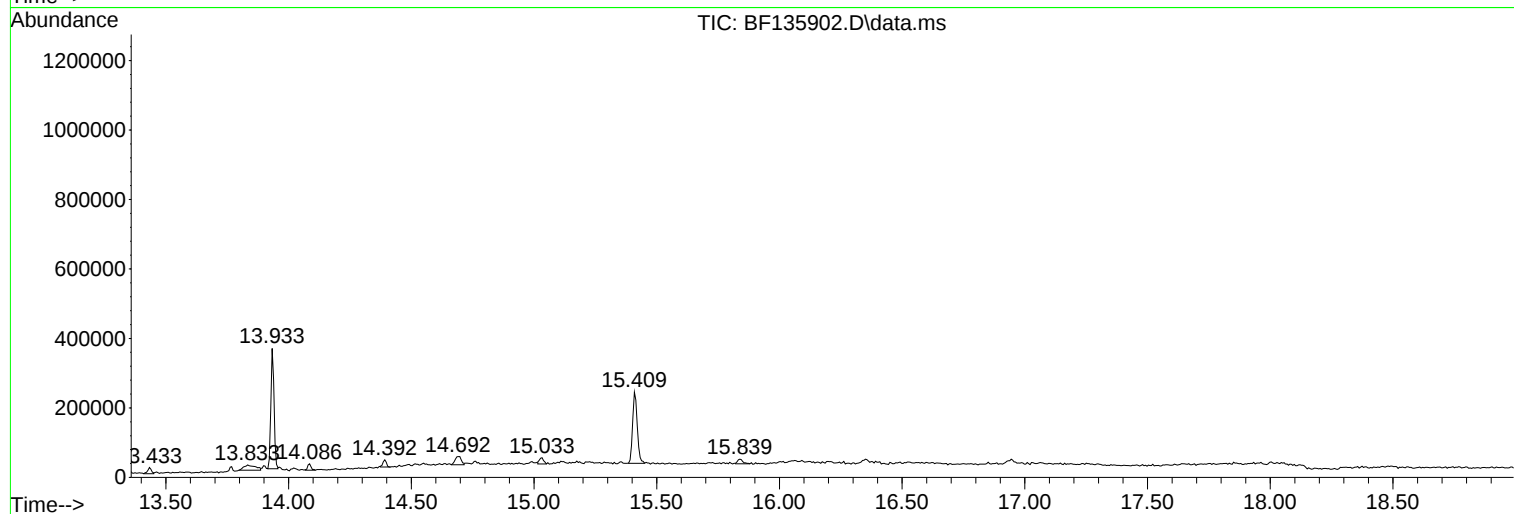
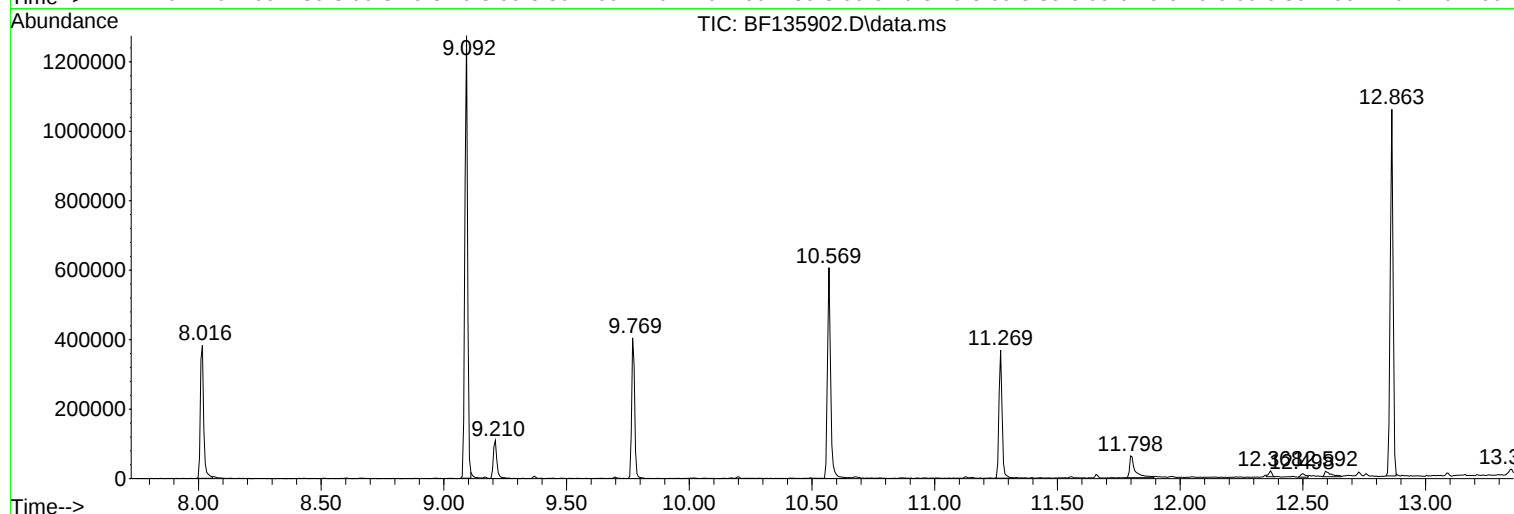
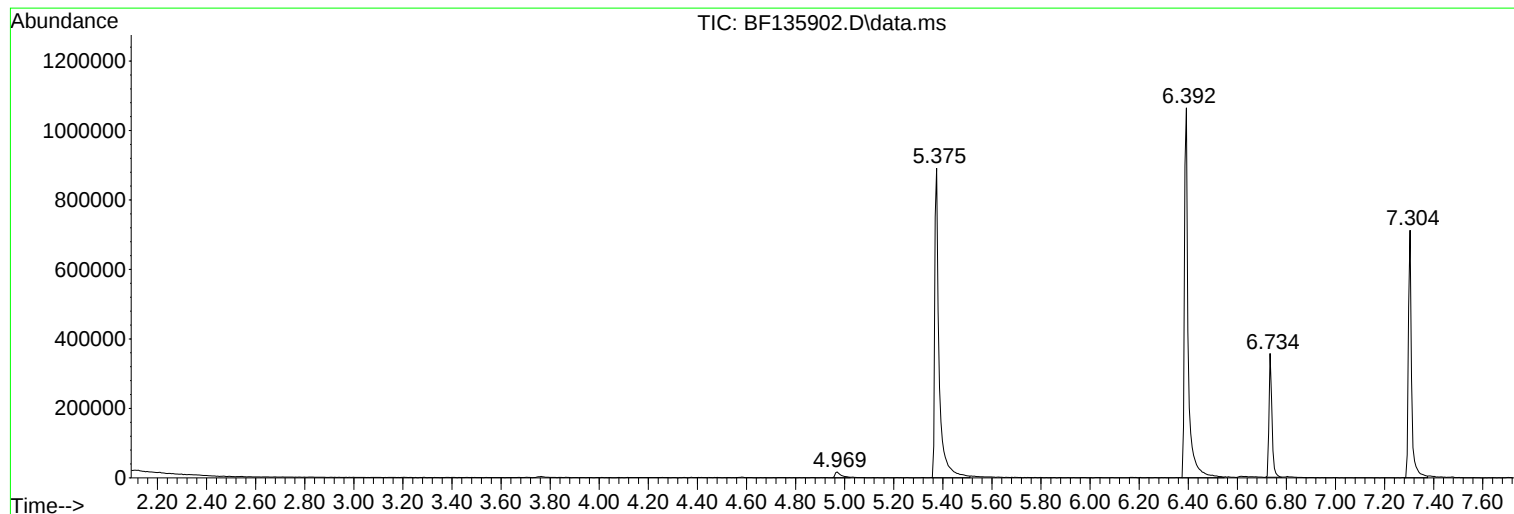
Sum of corrected areas: 7725305

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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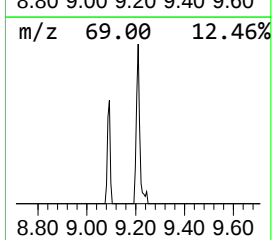
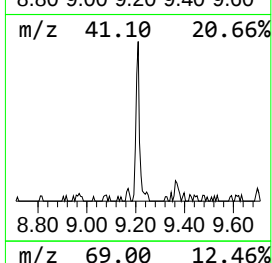
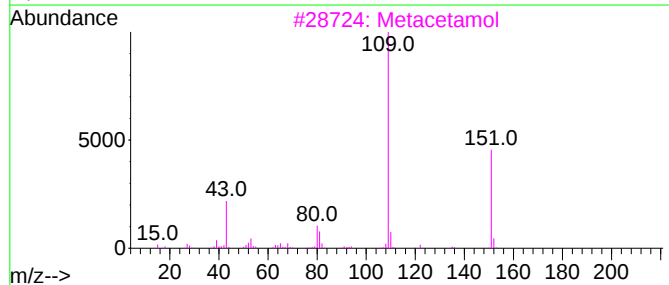
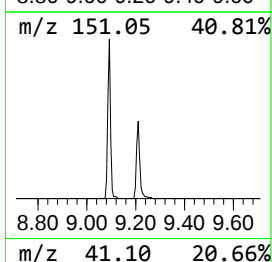
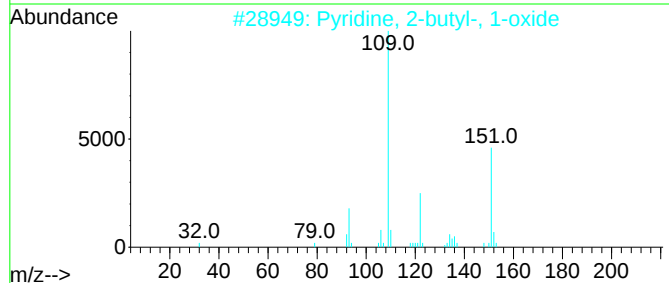
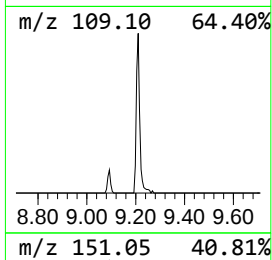
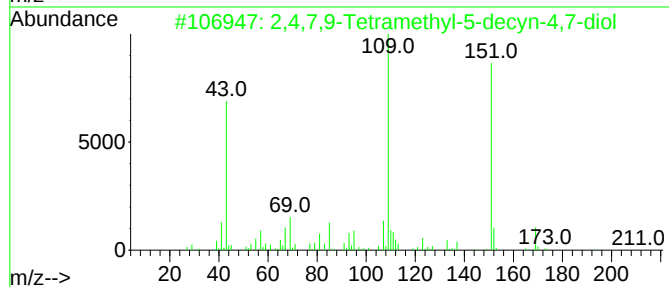
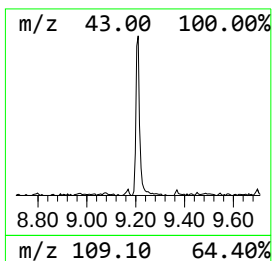
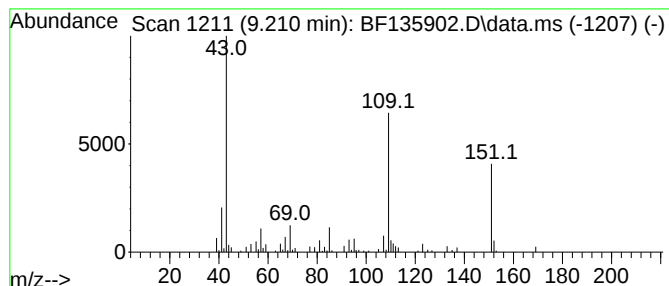
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	6.52 ng	111512	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90	
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59	
3	Metacetamol	151	C8H9NO2	000621-42-1	42	
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	42	
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42	



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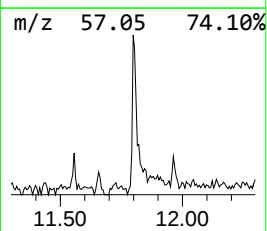
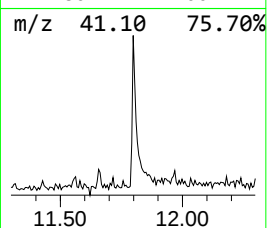
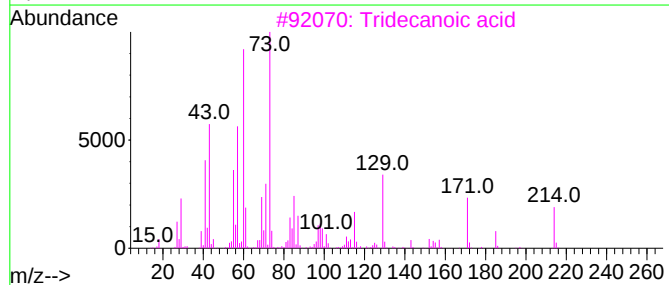
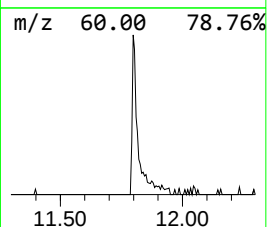
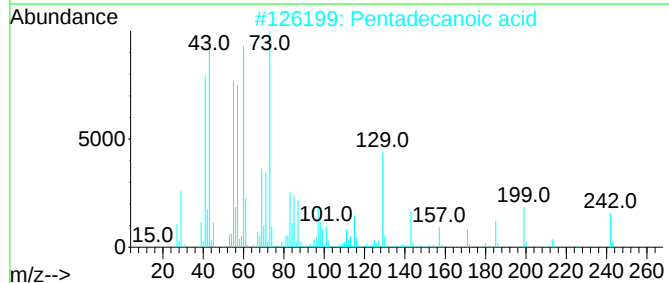
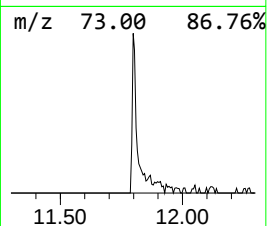
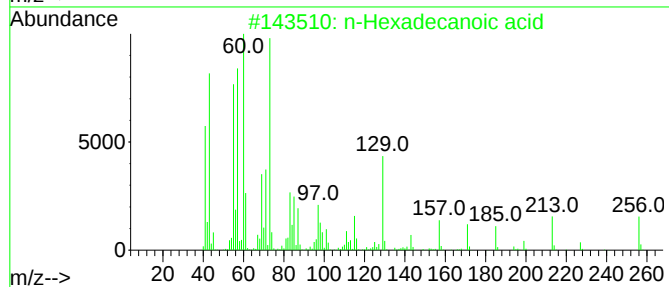
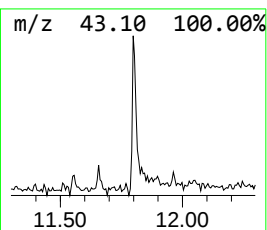
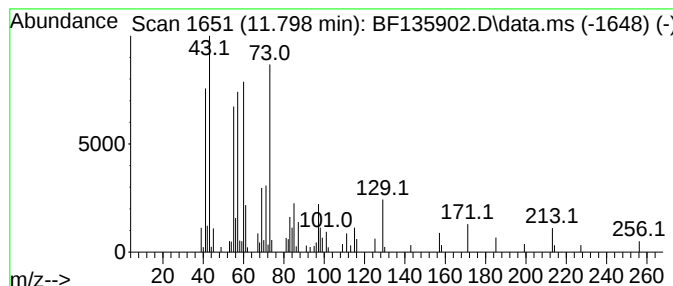
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	6.00 ng	98475	Phenanthrene-d10	11.269

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	83
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Nonanoic acid	158	C9H18O2	000112-05-0	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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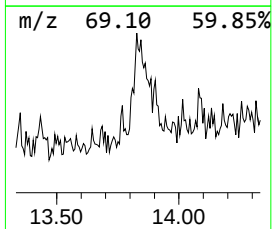
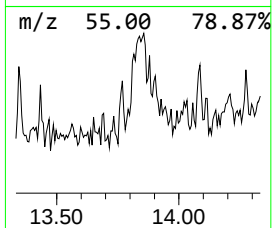
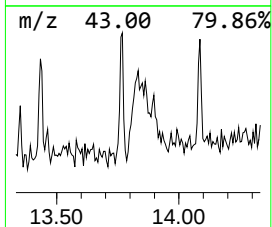
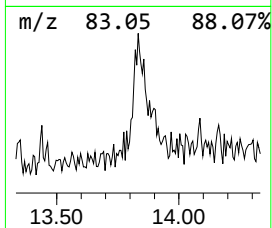
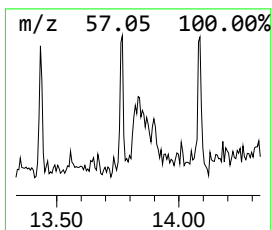
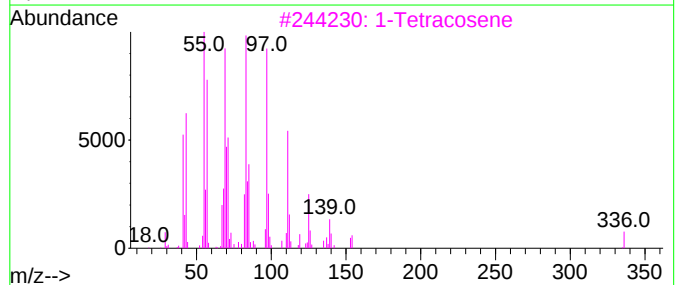
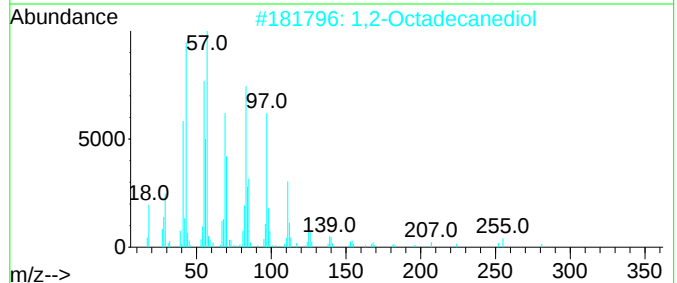
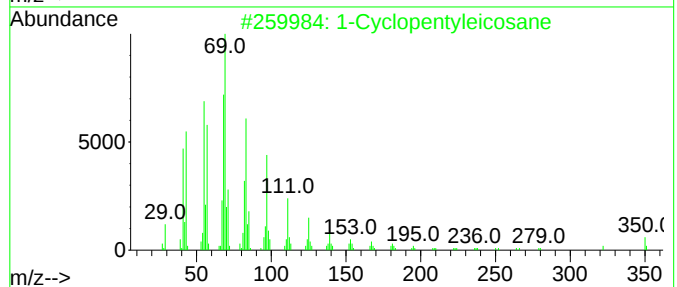
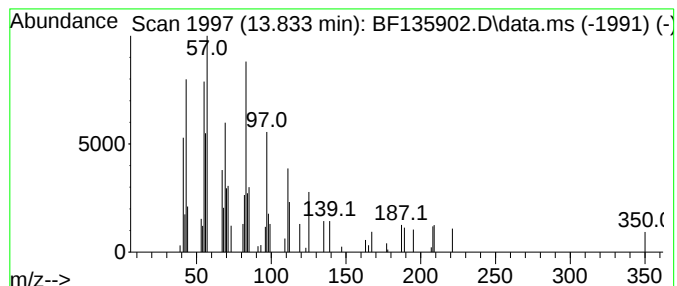
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Cyclopentyleicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	3.16 ng	49571	Chrysene-d12	13.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclopentyleicosane	350	C25H50	1000357-25-6	81
2			1,2-Octadecanediol	286	C18H38O2	020294-76-2	80
3			1-Tetracosene	336	C24H48	010192-32-2	68
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	53
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	53



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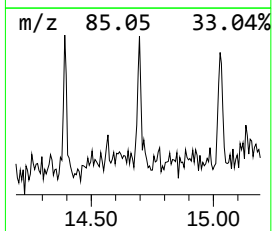
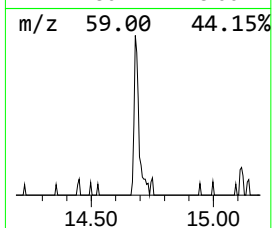
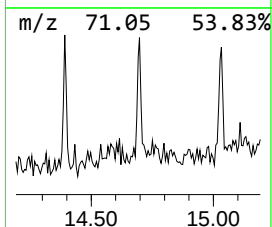
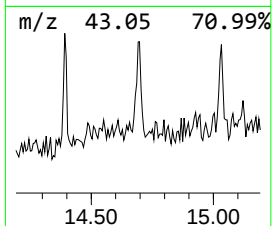
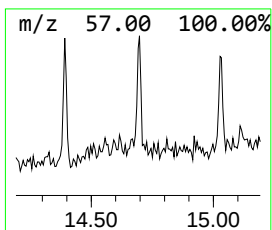
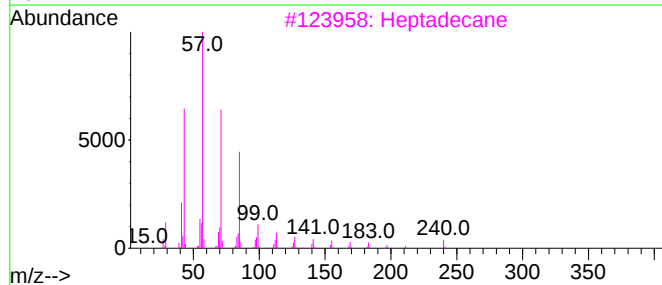
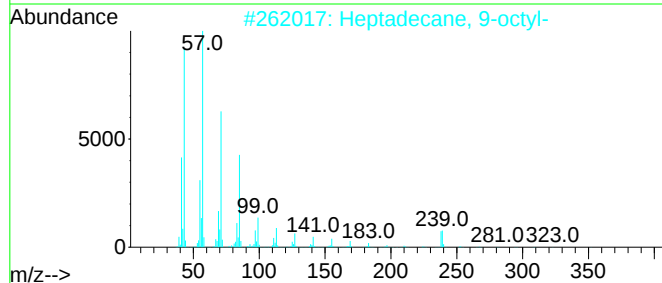
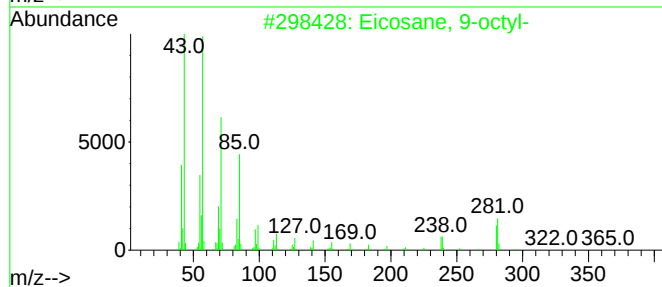
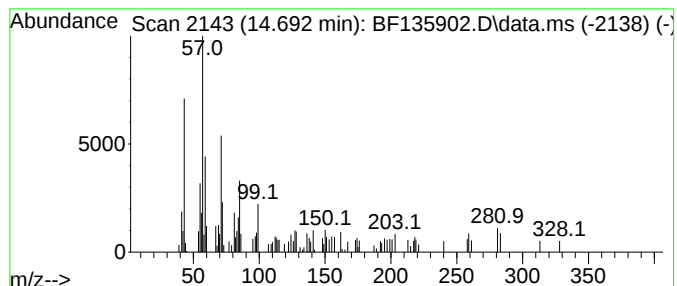
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.692 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.692	3.14 ng	42593	Perylene-d12	15.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 9-octyl-	394	C28H58	013475-77-9	35
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	35
3			Heptadecane	240	C17H36	000629-78-7	30
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	30
5			Heptacosane	380	C27H56	000593-49-7	27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	9.210	6.5	ng	111512	3	9.769	341947	20.0
n-Hexadecanoic ...	11.798	6.0	ng	98475	4	11.269	328338	20.0
1-Cyclopentylei...	13.833	3.2	ng	49571	5	13.933	313986	20.0
unknown14.692	14.692	3.1	ng	42593	6	15.409	271303	20.0