

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013606.D
 Acq On : 16 Jan 2018 03:42
 Operator : SJ/JU
 Sample : J1080-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJL4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.163	28	30	37	rVB2	43052	55182	1.44%	0.119%
2	6.804	642	649	659	rBV	771466	1368435	35.66%	2.957%
3	6.963	671	676	686	rVB	602694	925159	24.11%	1.999%
4	7.157	703	709	716	rBV	823670	1278453	33.32%	2.763%
5	7.622	781	788	796	rBV	684463	1095625	28.55%	2.368%
6	8.334	903	909	917	rBV	985527	1588794	41.40%	3.433%
7	8.775	976	984	996	rBV	820068	1361757	35.49%	2.943%
8	9.492	1099	1106	1119	rVB	690563	1145115	29.84%	2.475%
9	10.028	1190	1197	1208	rBV	971905	1669408	43.50%	3.608%
10	10.398	1249	1260	1267	rBV	869502	1462086	38.10%	3.160%
11	10.545	1277	1285	1296	rBV	919789	1610813	41.98%	3.481%
12	13.092	1713	1718	1725	rBV2	58418	83124	2.17%	0.180%
13	13.686	1813	1819	1824	rBV	1826202	2484200	64.74%	5.368%
14	13.733	1824	1827	1835	rVV	466814	643904	16.78%	1.391%
15	13.963	1858	1866	1872	rBV	2034846	3033152	79.04%	6.555%
16	14.174	1897	1902	1908	rBV	148977	191432	4.99%	0.414%
17	14.268	1911	1918	1927	rVV2	1231904	1887253	49.18%	4.078%
18	14.492	1949	1956	1971	rBV	642270	1111341	28.96%	2.402%
19	14.798	2003	2008	2014	rVB6	35430	58701	1.53%	0.127%
20	15.133	2060	2065	2070	rVB2	166115	191624	4.99%	0.414%
21	15.268	2082	2088	2095	rVB	2498720	3449642	89.89%	7.455%
22	15.404	2105	2111	2121	rVB	667135	954830	24.88%	2.063%
23	15.510	2124	2129	2131	rBV3	37853	53428	1.39%	0.115%
24	15.998	2207	2212	2220	rBV	126445	194729	5.07%	0.421%
25	16.792	2340	2347	2351	rBV	52455	72427	1.89%	0.157%
26	17.021	2380	2386	2395	rVB2	1511403	2118373	55.20%	4.578%
27	17.121	2395	2403	2412	rBV	2625393	3629354	94.58%	7.843%
28	17.927	2533	2540	2552	rBV2	190599	321041	8.37%	0.694%
29	19.062	2729	2733	2736	rBV2	41049	48091	1.25%	0.104%
30	19.215	2754	2759	2764	rBV5	72656	109203	2.85%	0.236%
31	19.421	2788	2794	2800	rBV	2833952	3837438	100.00%	8.293%
32	20.939	3045	3052	3057	rBV3	336334	518895	13.52%	1.121%
33	21.215	3094	3099	3107	rBV	1678503	2179538	56.80%	4.710%
34	23.280	3443	3450	3461	rVB2	1967459	3564628	92.89%	7.703%

LSC Area Percent Report

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Stop Thrs : 0 Peak Location: TOP

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35	23.421	3467	3474	3485	rVB	1013639	1978034	51.55%	4.275%
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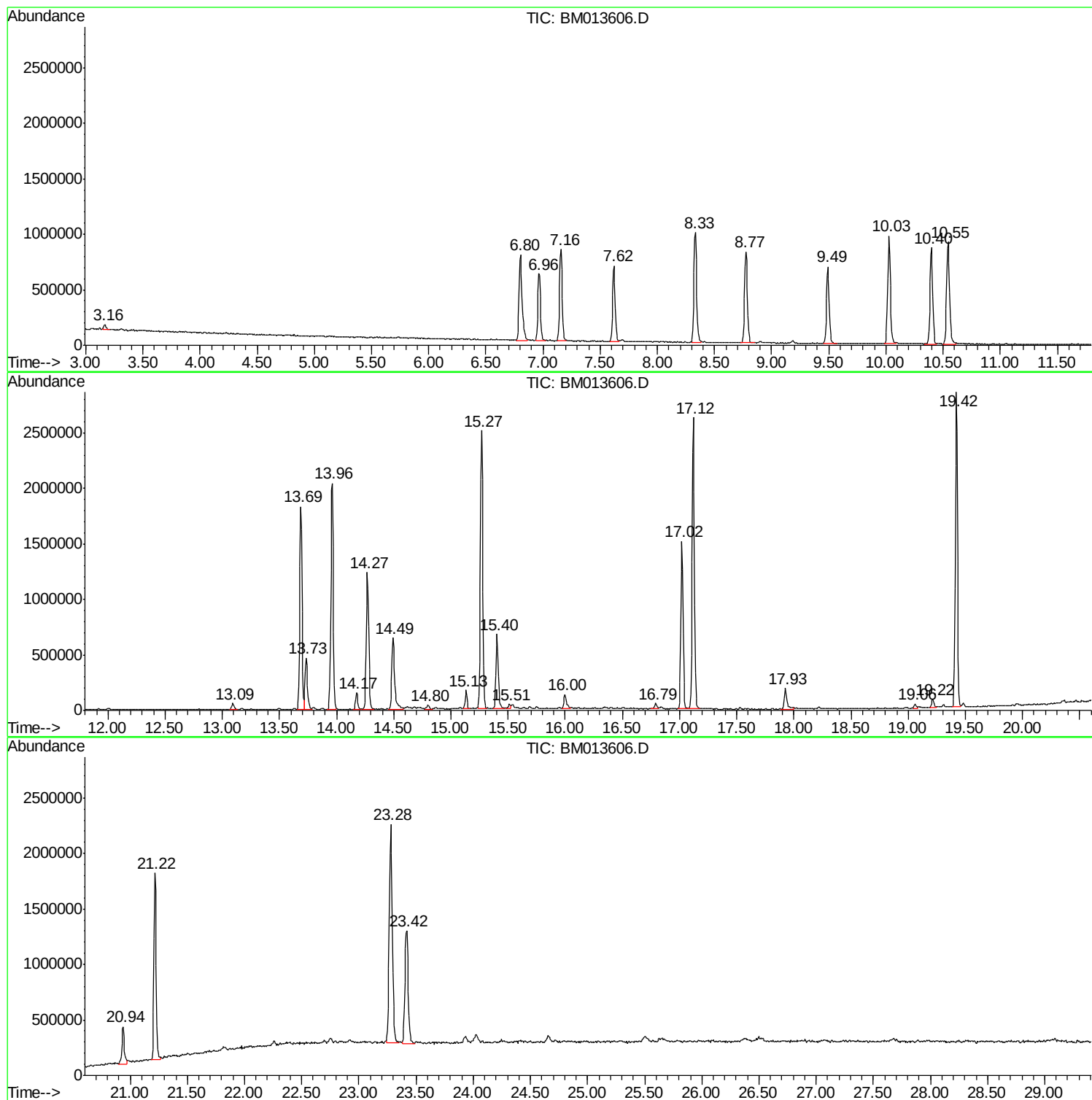
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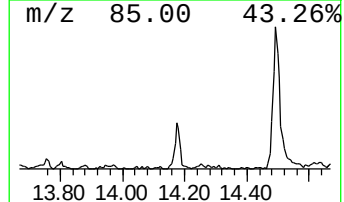
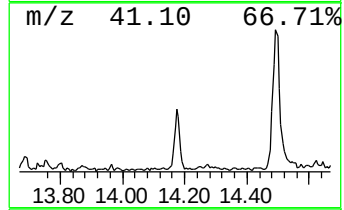
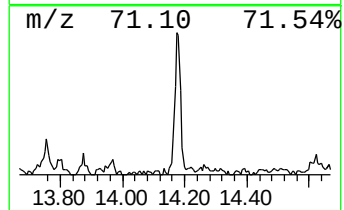
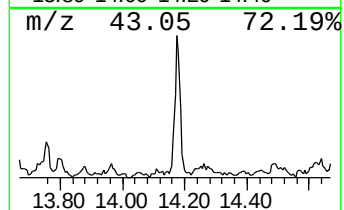
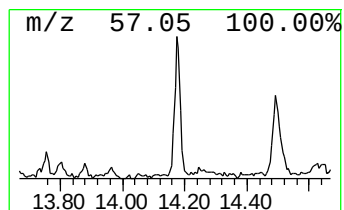
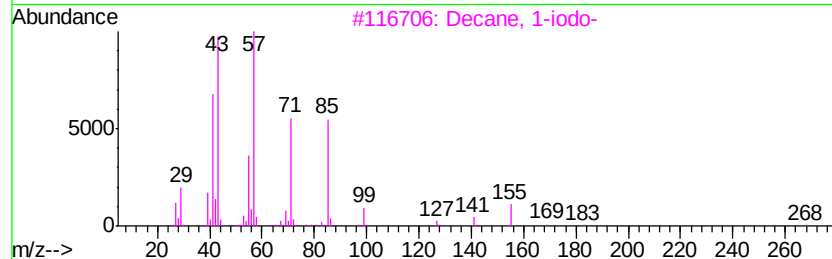
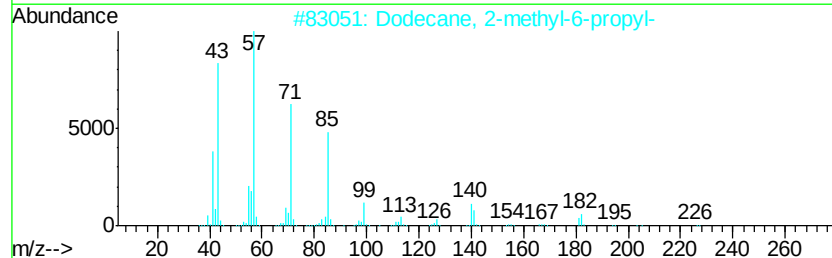
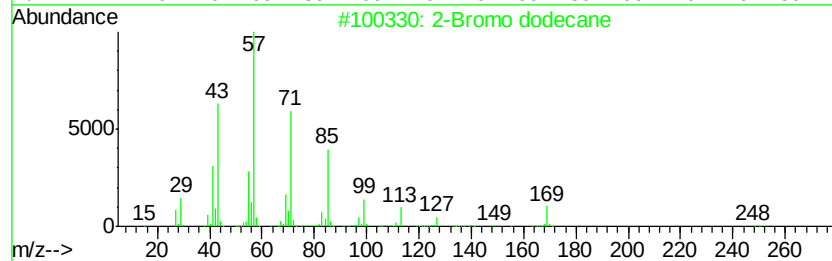
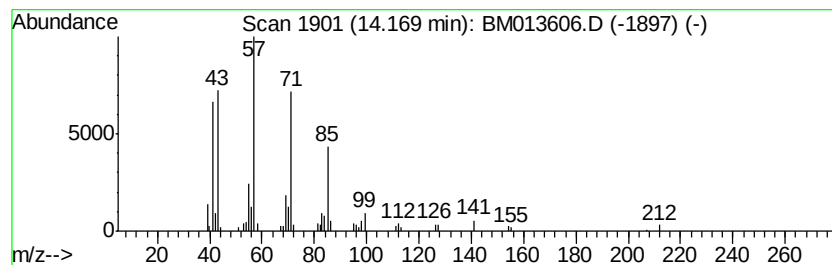
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.03 ng/ul	191432	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	80
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	80
4			Nonadecane	268	C19H40	000629-92-5	80
5			Octacosane	394	C28H58	000630-02-4	80



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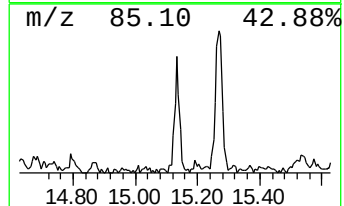
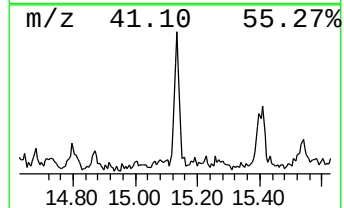
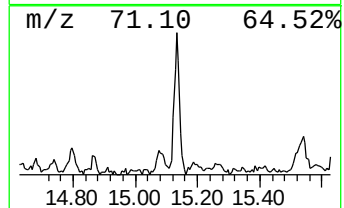
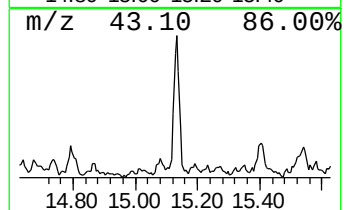
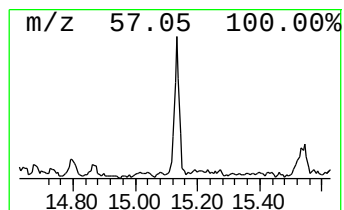
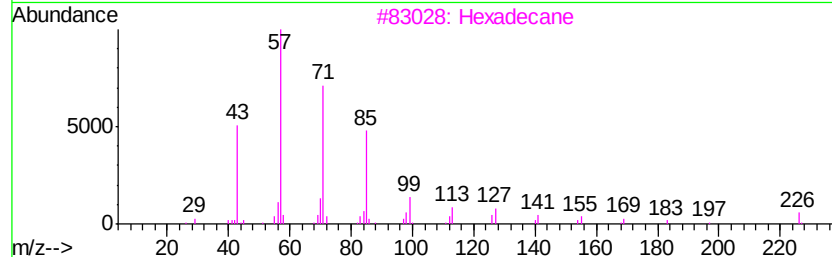
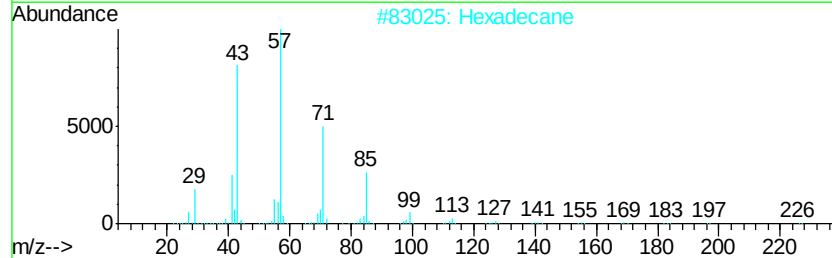
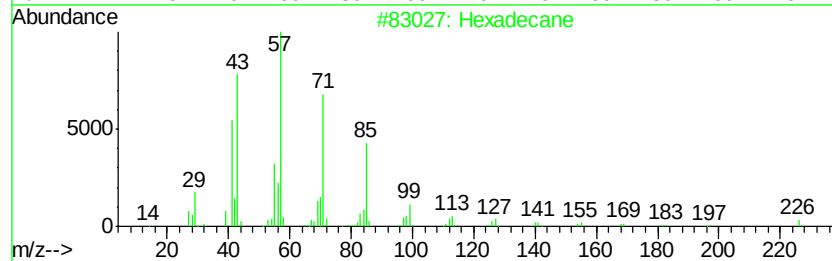
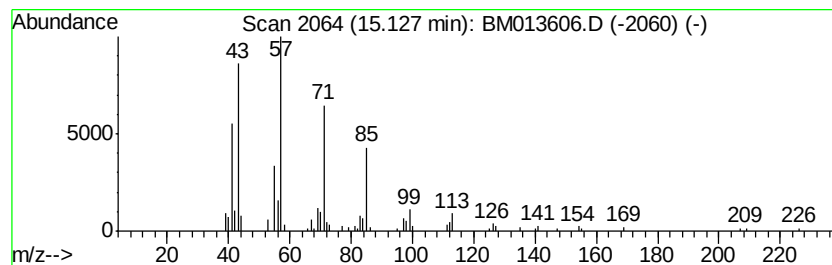
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.03 ng/ul	191624	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Hexadecane	226	C16H34	000544-76-3	89
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72



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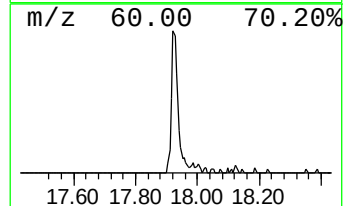
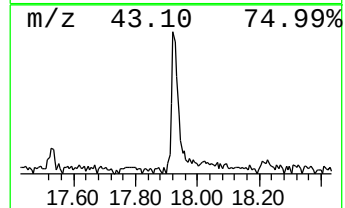
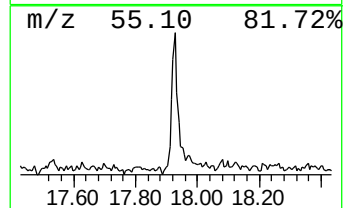
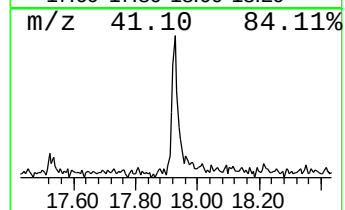
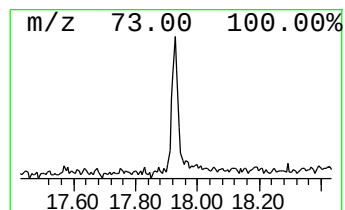
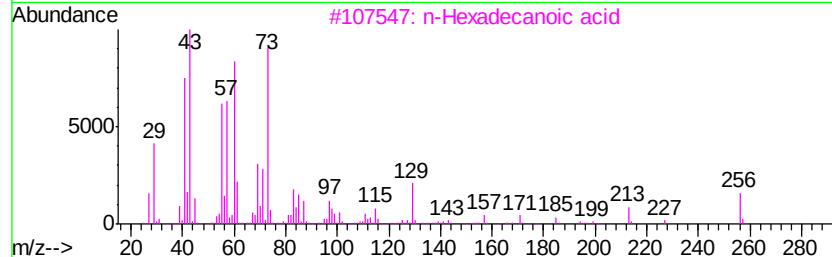
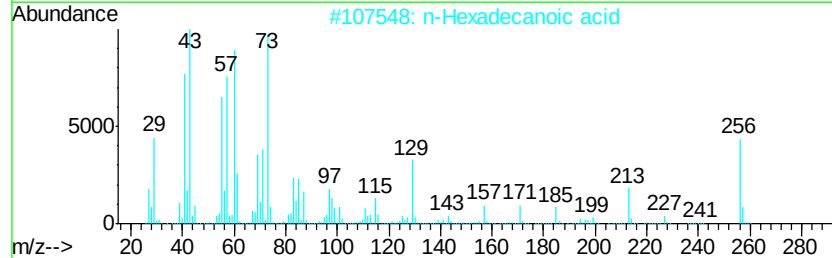
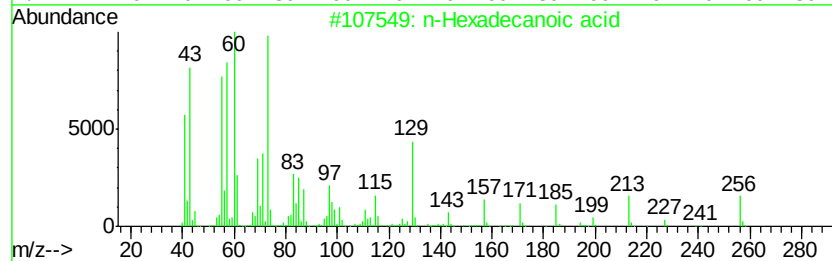
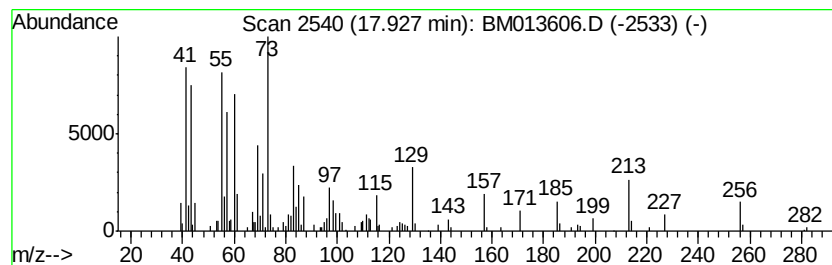
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.03 ng/ul	321041	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4			Dodecanoic acid	200	C12H24O2	000143-07-7	58
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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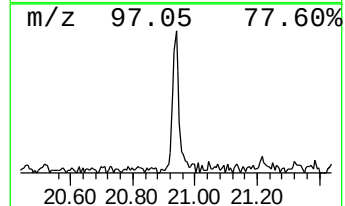
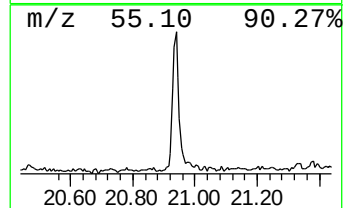
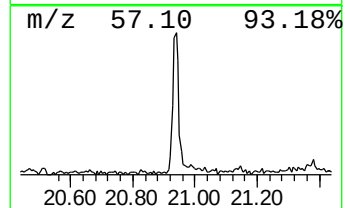
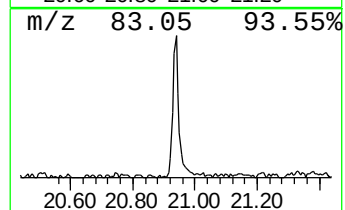
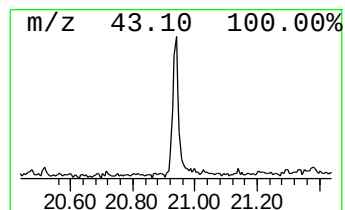
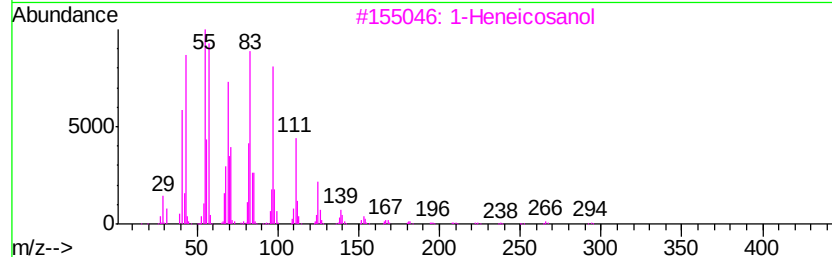
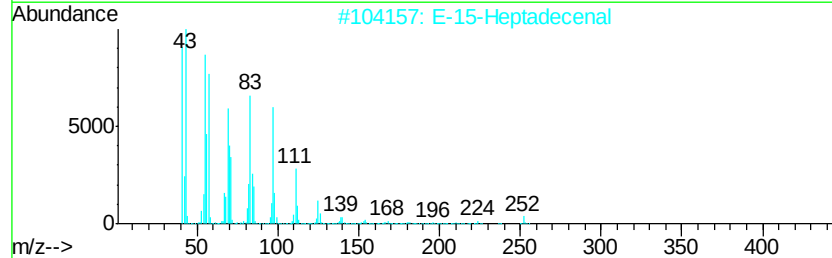
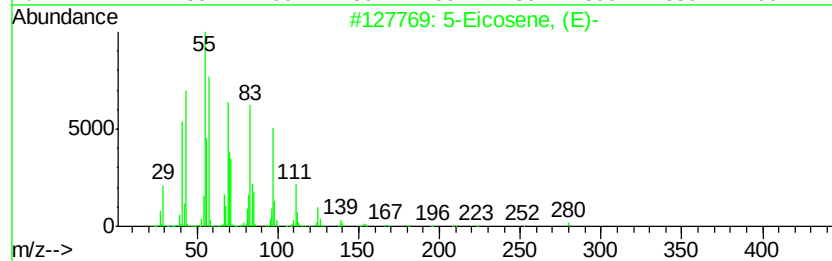
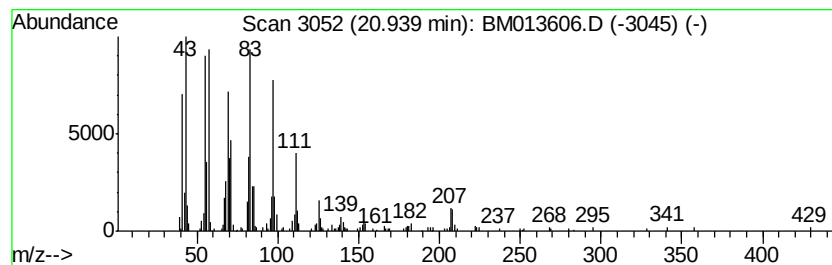
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Peak Number 4 (DEL) Alkane: Cyclic20.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.76 ng/ul	518895	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosene, (E)-	280	C20H40	074685-30-6	99
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Bromo dodecane	14.17	2.0	ng/ul	191432	3	14.27	1887250	20.0
(DEL) Alkane: Str...	15.13	2.0	ng/ul	191624	3	14.27	1887250	20.0
n-Hexadecanoic acid	17.93	3.0	ng/ul	321041	4	17.02	2118370	20.0
(DEL) Alkane: Cyc...	20.94	4.8	ng/ul	518895	5	21.22	2179540	20.0