

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013739.D
 Acq On : 23 Jan 2018 20:10
 Operator : SJ/JU
 Sample : J1221-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A44

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	3.158	26	29	34	rBV2	40874	49986	1.18%	0.105%
2	6.793	640	647	662	rBV	796040	1443421	33.95%	3.029%
3	6.951	668	674	684	rBV	605122	929616	21.86%	1.951%
4	7.145	701	707	718	rVB	842150	1340069	31.52%	2.812%
5	7.604	778	785	795	rBV	568923	945300	22.23%	1.984%
6	8.322	900	907	917	rBV	1019053	1692551	39.81%	3.552%
7	8.763	974	982	993	rBV	824615	1359635	31.98%	2.853%
8	9.163	1045	1050	1059	rVB6	32758	53809	1.27%	0.113%
9	9.481	1097	1104	1118	rVB	690287	1197869	28.17%	2.514%
10	10.016	1188	1195	1211	rBV	1002654	1777465	41.80%	3.730%
11	10.381	1250	1257	1265	rBV	765204	1269515	29.86%	2.664%
12	10.534	1275	1283	1297	rBV	880213	1611803	37.91%	3.382%
13	13.674	1811	1817	1822	rBV	1735245	2431530	57.19%	5.103%
14	13.722	1822	1825	1833	rVB	625587	868332	20.42%	1.822%
15	13.951	1854	1864	1874	rBV	2070970	3008170	70.75%	6.313%
16	14.163	1894	1900	1905	rBV2	45011	54409	1.28%	0.114%
17	14.257	1910	1916	1926	rBV2	1029863	1599107	37.61%	3.356%
18	14.486	1949	1955	1972	rBV	590068	1108800	26.08%	2.327%
19	15.121	2059	2063	2067	rVB	54774	62605	1.47%	0.131%
20	15.257	2080	2086	2093	rBV	2463906	3456091	81.28%	7.253%
21	15.398	2104	2110	2123	rBV	656221	965062	22.70%	2.025%
22	15.504	2123	2128	2130	rBV3	37473	50754	1.19%	0.107%
23	15.986	2206	2210	2212	rBV3	56594	86451	2.03%	0.181%
24	17.010	2378	2384	2395	rBV	1338532	1872629	44.04%	3.930%
25	17.110	2395	2401	2414	rVV	2596126	3720802	87.51%	7.808%
26	17.915	2534	2538	2550	rBV2	251034	410125	9.65%	0.861%
27	19.051	2728	2731	2735	rBV	33664	47240	1.11%	0.099%
28	19.204	2753	2757	2767	rBV3	114224	208046	4.89%	0.437%
29	19.327	2770	2778	2784	rVV	626742	779188	18.33%	1.635%
30	19.415	2787	2793	2800	rBV	3238060	4251958	100.00%	8.923%
31	20.356	2947	2953	2959	rBV10	60706	139712	3.29%	0.293%
32	20.933	3045	3051	3058	rBV3	283775	459737	10.81%	0.965%
33	21.209	3093	3098	3105	rBV	1629862	2191579	51.54%	4.599%
34	23.274	3442	3449	3459	rVB2	2257566	4210423	99.02%	8.836%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	23.409	3466	3472	3479	rVB	1109628	1998321	47.00%	4.194%
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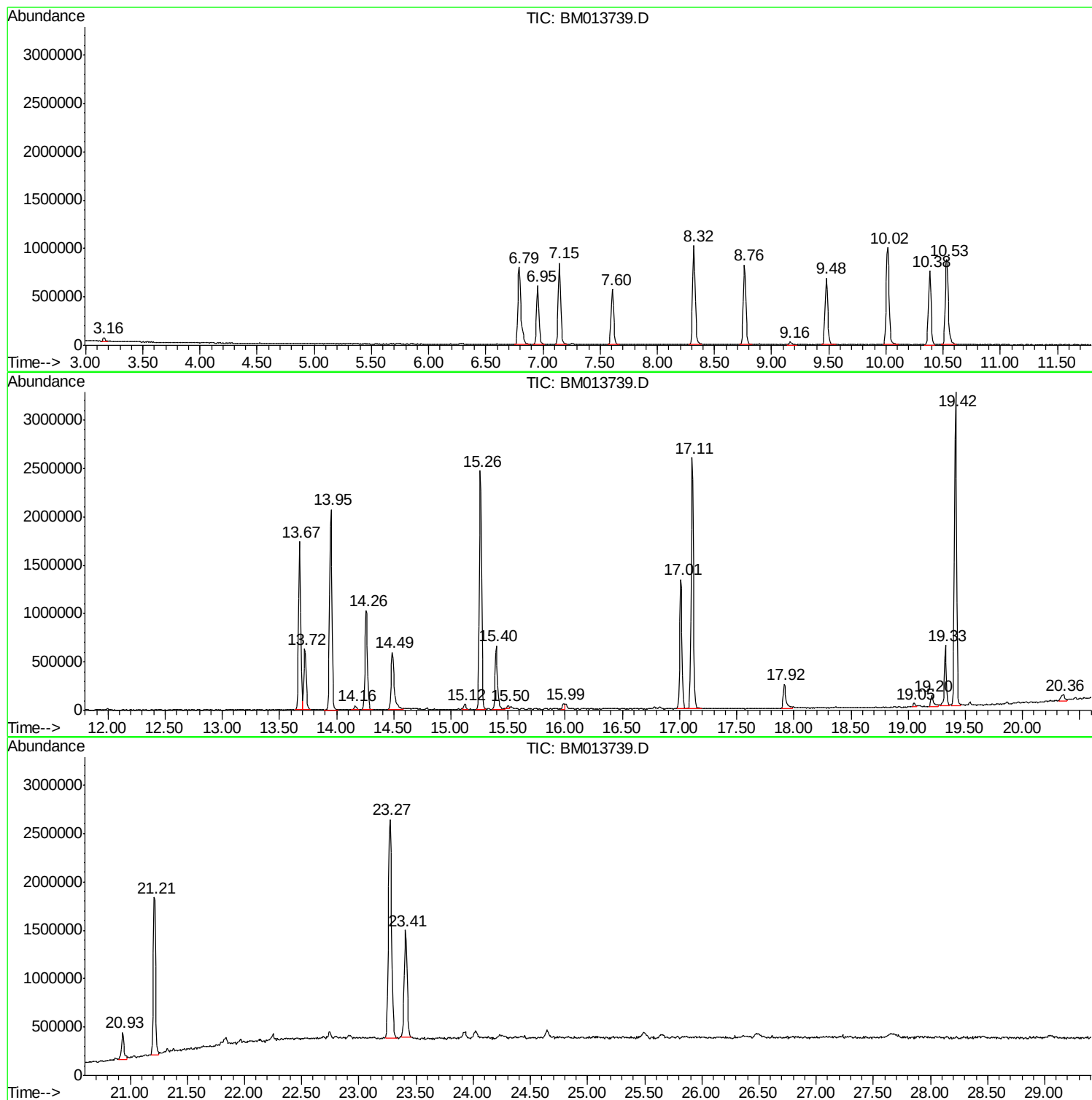
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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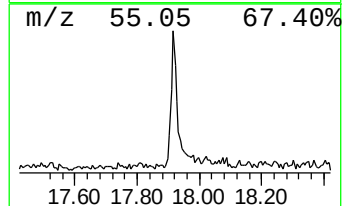
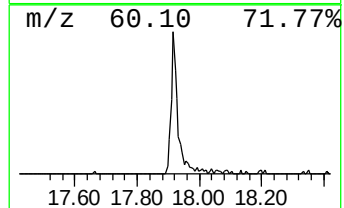
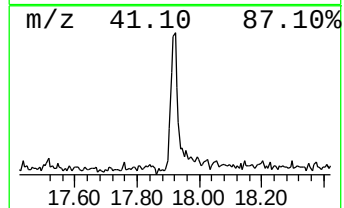
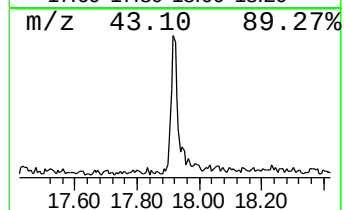
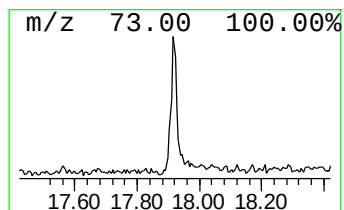
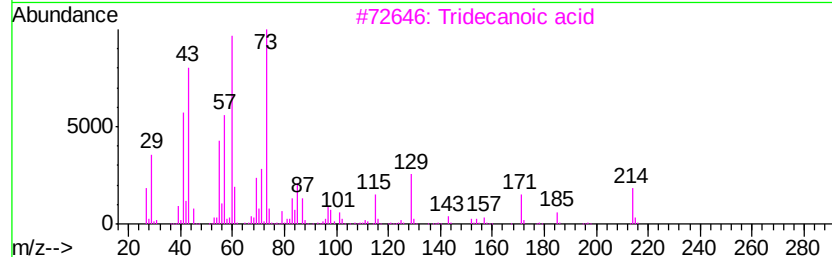
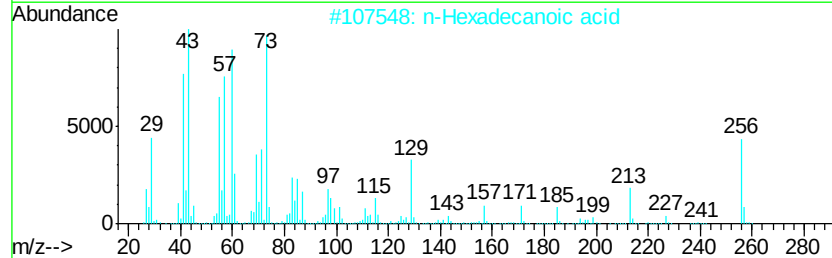
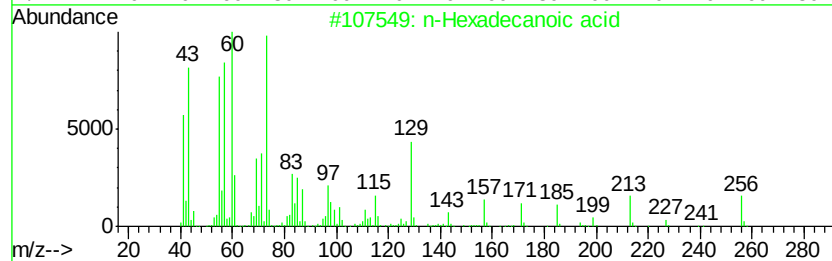
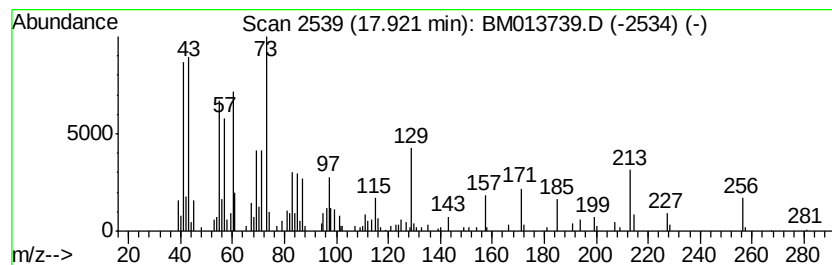
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	4.38 ng/ul	410125	Phenanthrene-d10	17.01	
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	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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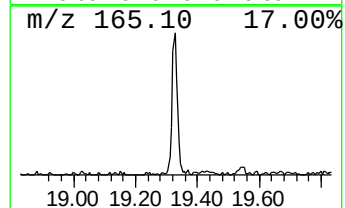
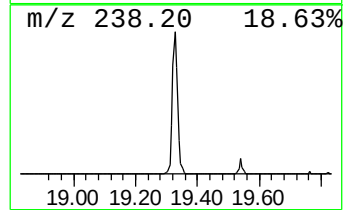
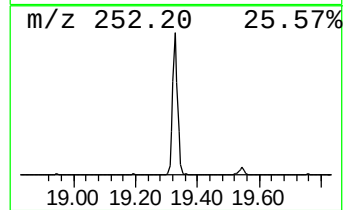
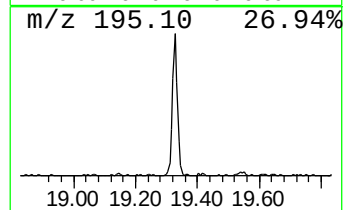
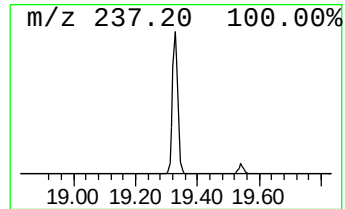
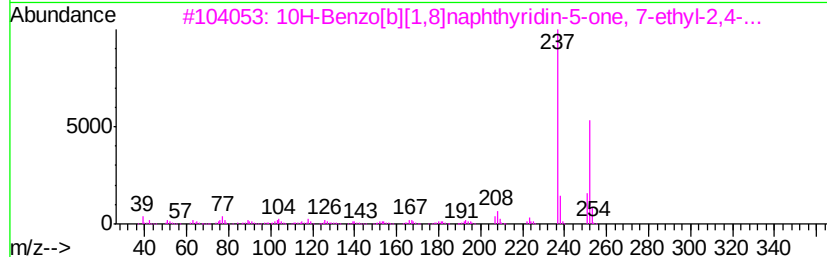
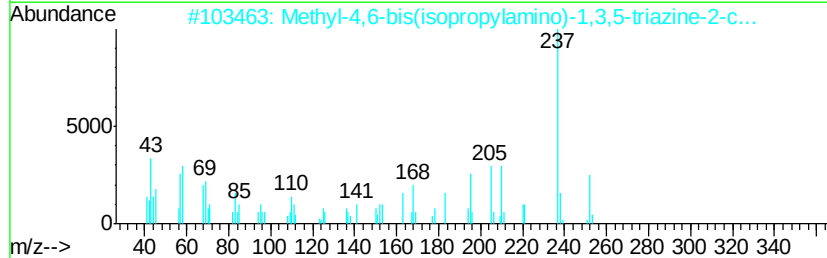
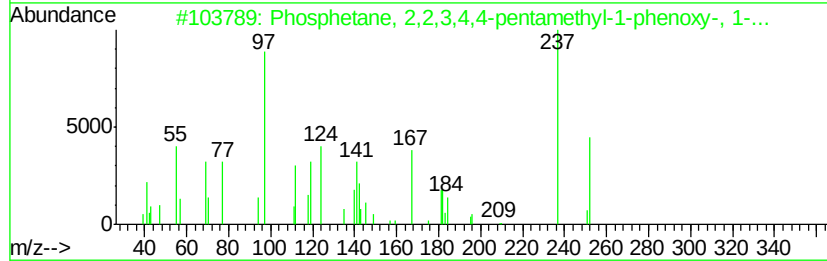
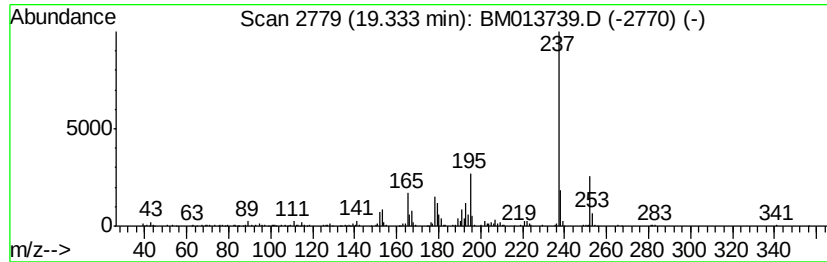
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phosphetane, 2,2,3,4,4-pent... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	7.11 ng/ul	779188	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphetane, 2,2,3,4,4-pentameth...	252	C14H21O2P	050517-26-5	86
2		Methyl-4,6-bis(isopropylamino)-1...	252	C11H20N6O	300587-35-3	64
3		10H-Benzo[b][1,8]naphthyridin-5-...	252	C16H16N2O	1000302-05-2	62
4		Silane, dimethyl(4-acetylphenoxy...	252	C13H20O3Si	1000347-30-8	58
5		Adamantane-1-carboxylic acid, 3-...	237	C13H19NO3	1000303-75-9	53



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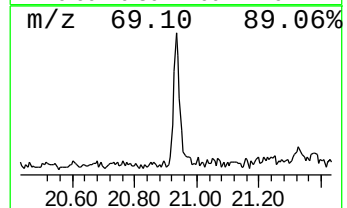
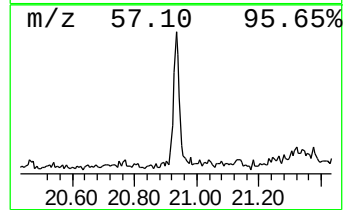
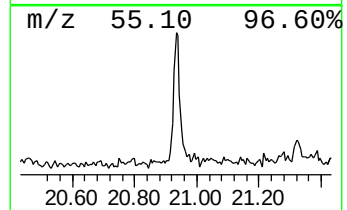
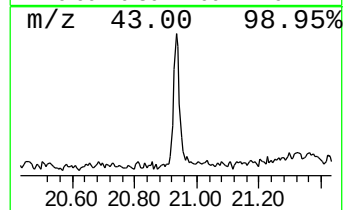
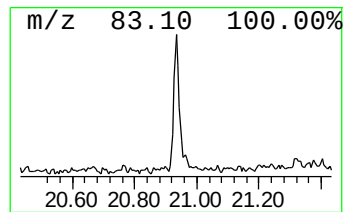
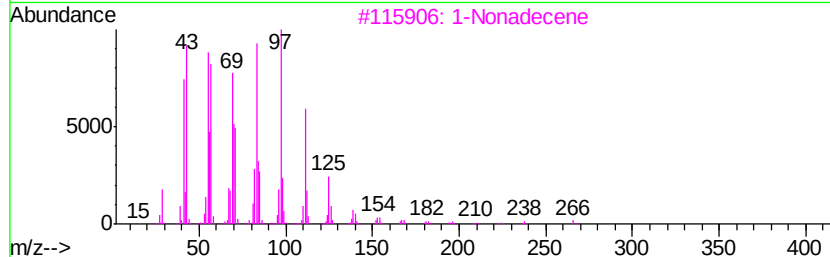
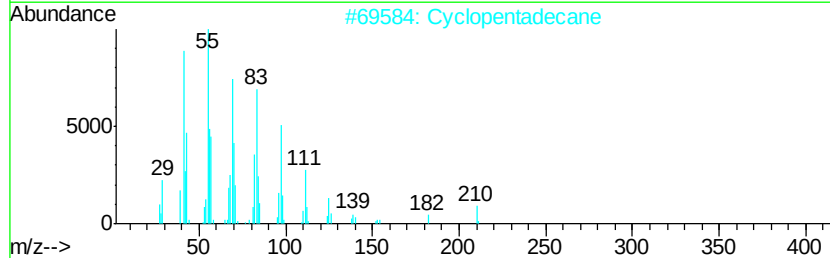
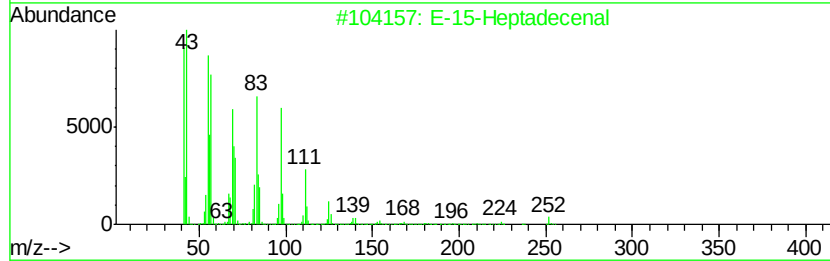
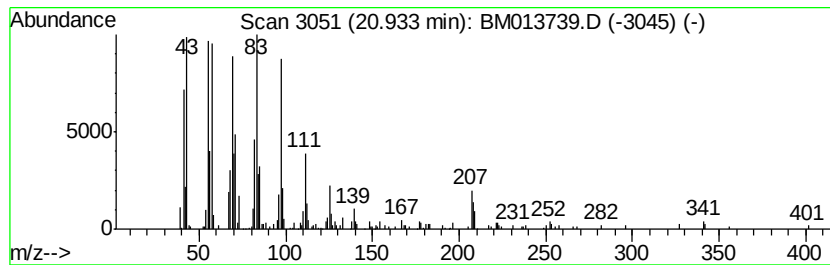
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Peak Number 3 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.20 ng/ul	459737	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2		Cyclopentadecane	210	C15H30	000295-48-7	95
3		1-Nonadecene	266	C19H38	018435-45-5	95
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5		Behenic alcohol	326	C22H46O	000661-19-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	4.4	ng/ul	410125	4	17.01	1872630	20.0
Phosphetane, 2,2,...	19.33	7.1	ng/ul	779188	5	21.21	2191580	20.0
E-15-Heptadecenal	20.93	4.2	ng/ul	459737	5	21.21	2191580	20.0