LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029936.D
Acq On : 11 May 2021 10:35
Operator : CG/JU
Sample : M2197-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARG2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SFAM-EPA-BM050721.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	6.740	651	655	664	rVB2	125341	236812	6.16%	0.699%
2	6.898	677	682	702	rVB	449144	853168	22.20%	2.517%
3	7.087	709	714	727	rVB	541508	923375	24.02%	2.724%
4	7.551	787	793	805	rVB	438188	738425	19.21%	2.179%
5	8.263	909	914	934	rVB	357749	672246	17.49%	1.984%
6	8.704	983	989	1013	rVB	587175	1048112	27.27%	3.093%
7	9.422	1104	1111	1126	rBV	488462	843390	21.94%	2.488%
8	9.957	1196	1202	1226	rBV	590411	1184641	30.82%	3.495%
9	10.322	1257	1264	1279	rVB	648556	1099814	28.61%	3.245%
10	10.492	1287	1293	1305	rBV2	28027	75943	1.98%	0.224%
11	11.933	1533	1538	1545	rBV5	5687	11804	0.31%	0.035%
12	13.028	1720	1724	1732	rBV3	10263	16314	0.42%	0.048%
13	13.616	1818	1824	1830	rBV	1397279	1944631	50.59%	5.738%
14	13.663	1830	1832	1840	rVV	75484	109203	2.84%	0.322%
15	13.733	1842	1844	1850	rVB3	4604	4884	0.13%	0.014%
16	13.886	1864	1870	1882	rBV	1706972	2436289	63.38%	7.188%
17	14.110	1903	1908	1912	rBV	5908	8266	0.22%	0.024%
18	14.198	1915	1923	1934	rBV	1041304	1499918	39.02%	4.426%
19	14.457	1961	1967	1982	rBV6	14989	66306	1.73%	0.196%
20	14.651	1996	2000	2007	rVB10	3514	7896	0.21%	0.023%
21	15.069	2067	2071	2074	rVB4	4358	5562	0.14%	0.016%
22	15.198	2086	2093	2107	rBV	2068021	3019633	78.56%	8.910%
23	15.333	2110	2116	2130	rVV	494266	725391	18.87%	2.140%
24	15.439	2130	2134	2144	rVB2	24612	43799	1.14%	0.129%
25	15.886	2205	2210	2214	rVB5	2856	4447	0.12%	0.013%
26	15.980	2222	2226	2232	rVB5	8502	11241	0.29%	0.033%
27	16.180	2256	2260	2265	rVB2	11665	15394	0.40%	0.045%
28	16.339	2284	2287	2293	rVB5	4036	5754	0.15%	0.017%
29	16.727	2349	2353	2358	rBV6	5475	8942	0.23%	0.026%
30	16.945	2384	2390	2400	rBV	1195808	1657811	43.13%	4.891%
31	17.045	2400	2407	2425	rVV	2365593	3442640	89.57%	10.158%
32	17.627	2504	2506	2510	rVB5	3768	4292	0.11%	0.013%
33	17.851	2539	2544	2553	rBV2	79558	136476	3.55%	0.403%
34	18.657	2673	2681	2683	rBV8	3130	6388	0.17%	0.019%

LSC Area Percent Report

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Sample : M2197-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARG2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SFAM-EPA-BM050721.M
Title : SVOA CALIBRATION

35	18.974	2732	2735	2744	rVB	20633	30632	0.80%	0.090%
36	19.139	2759	2763	2772	rBV2	42337	71038	1.85%	0.210%
37	19.227	2775	2778	2782	rVV2	19302	26166	0.68%	0.077%
38	19.339	2791	2797	2806	rBV	2865104	3843653	100.00%	11.341%
39	20.856	3051	3055	3063	rBV	163454	282606	7.35%	0.834%
40	21.133	3097	3102	3112	rBV	1167622	1574251	40.96%	4.645%
41	22.156	3273	3276	3280	rVB	79527	97412	2.53%	0.287%
42	22.639	3354	3358	3364	rBV	131782	191431	4.98%	0.565%
43	23.150	3438	3445	3459	rBV	1664080	3211028	83.54%	9.474%
44	23.286	3462	3468	3478	rVB	742846	1402393	36.49%	4.138%
45	23.792	3550	3554	3561	rVB	164065	291912	7.59%	0.861%

Sum of corrected areas: 33891729

LSC Report - Integrated Chromatogram

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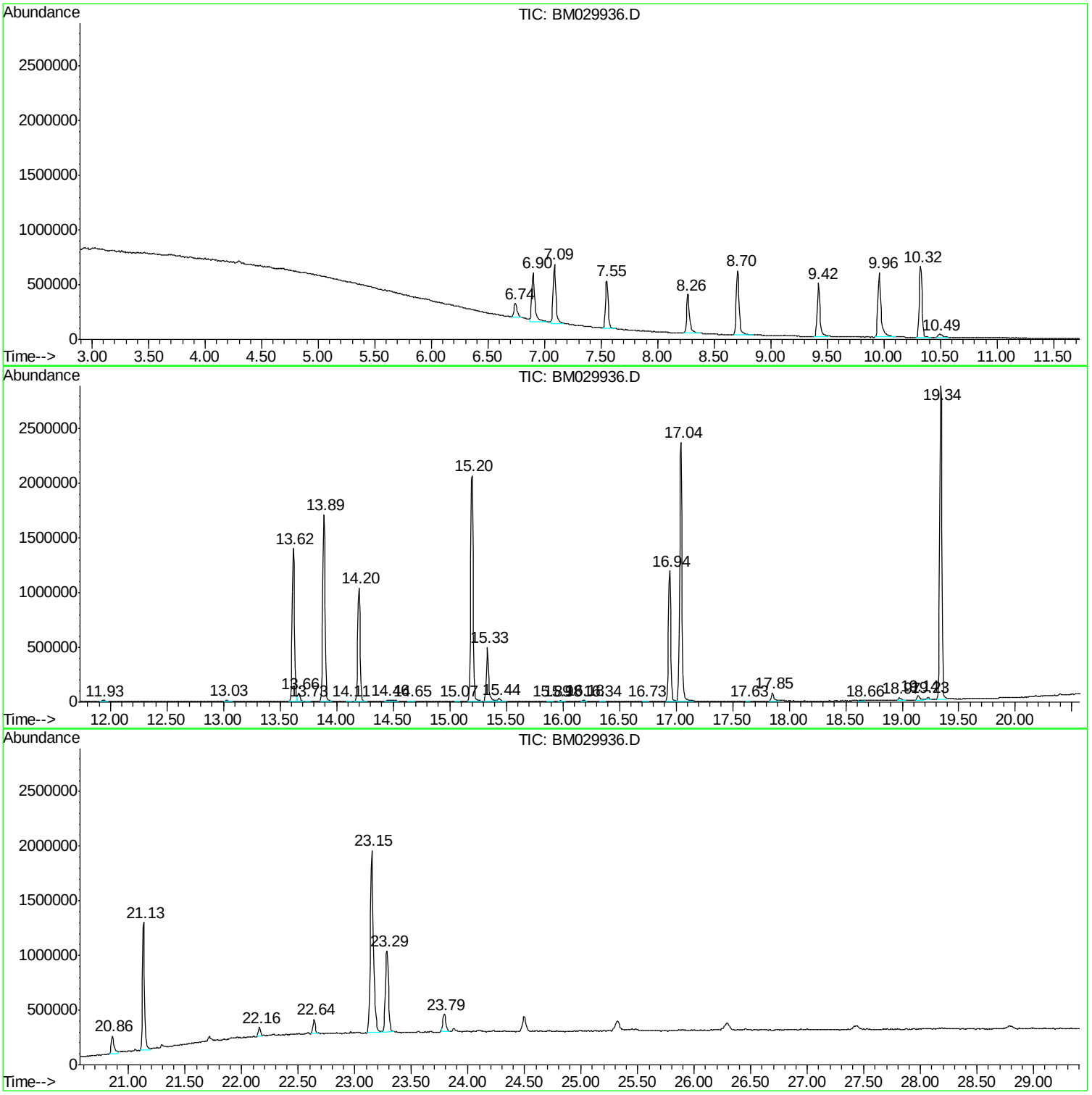
Sample : M2197-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM029936.D
Acq On : 11 May 2021 10:35
Operator : CG/JU
Sample : M2197-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARG2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

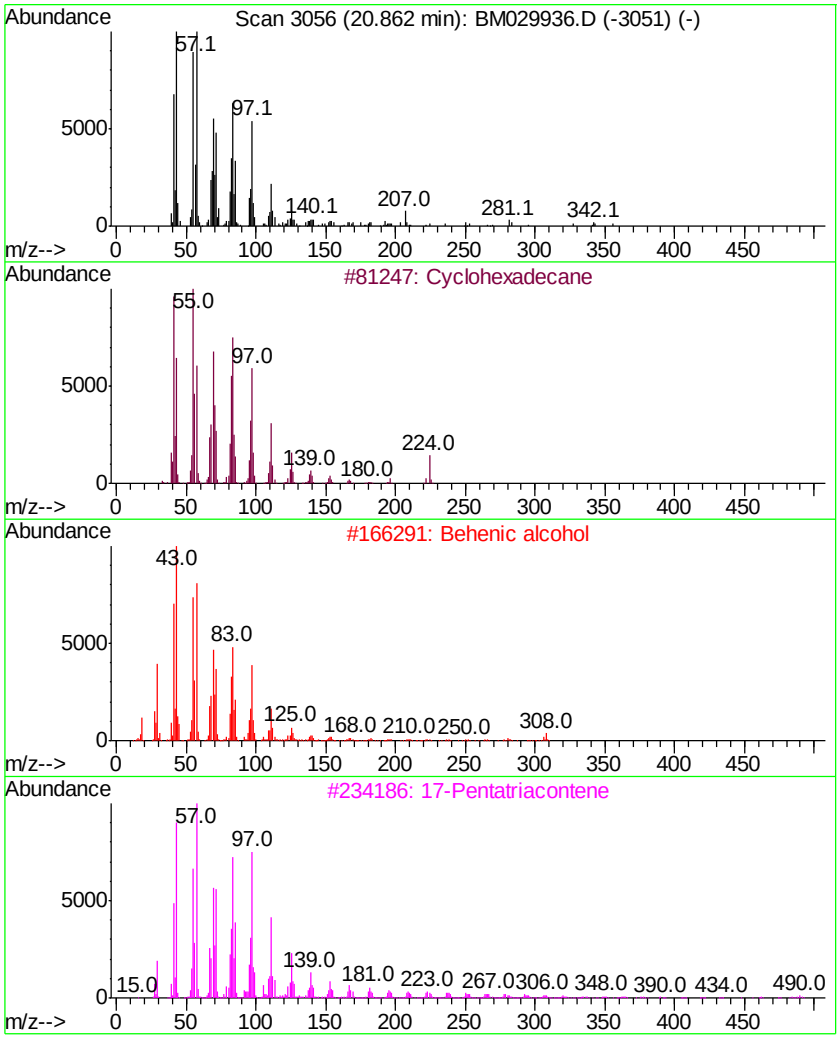
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

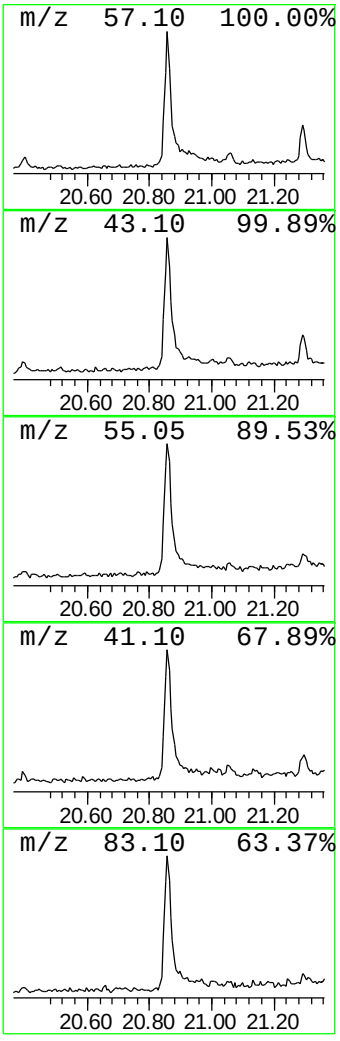
****

Peak Number 1 (DEL) Alkane: Cyclic20.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.59 ng/ul	282606	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





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ClientSampleId : YARG2

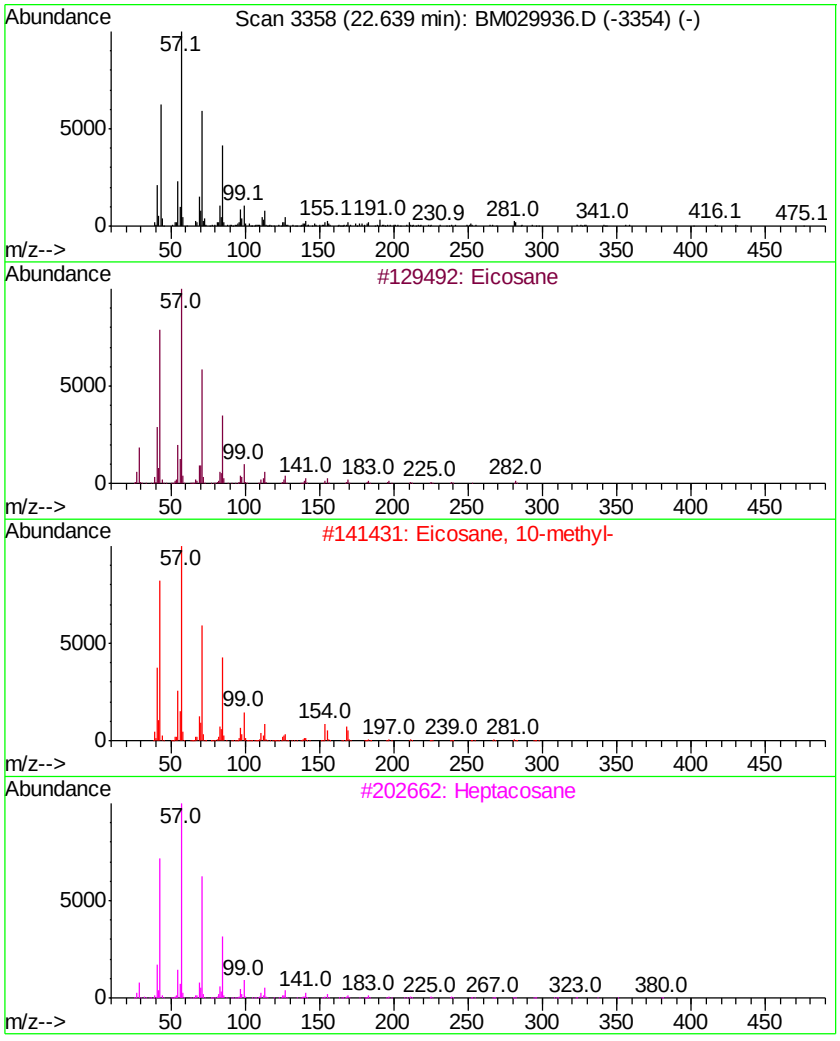
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

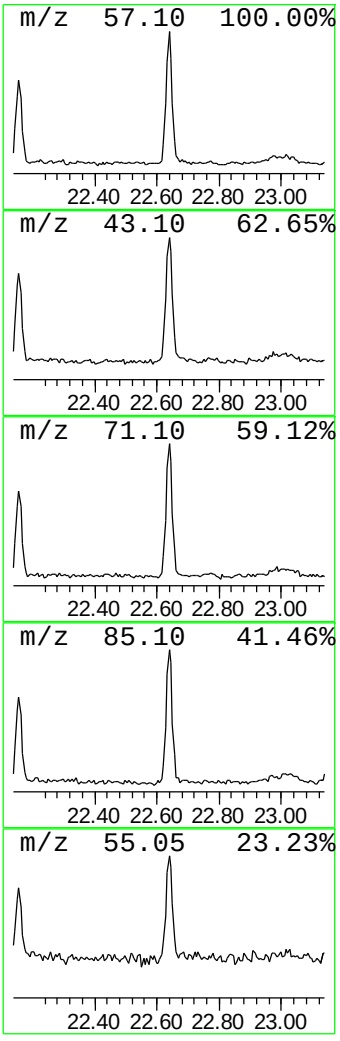
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.73 ng/ul	191431	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5	Pentadecane	212	C15H32	000629-62-9	83





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Quant Title : SVOA CALIBRATION

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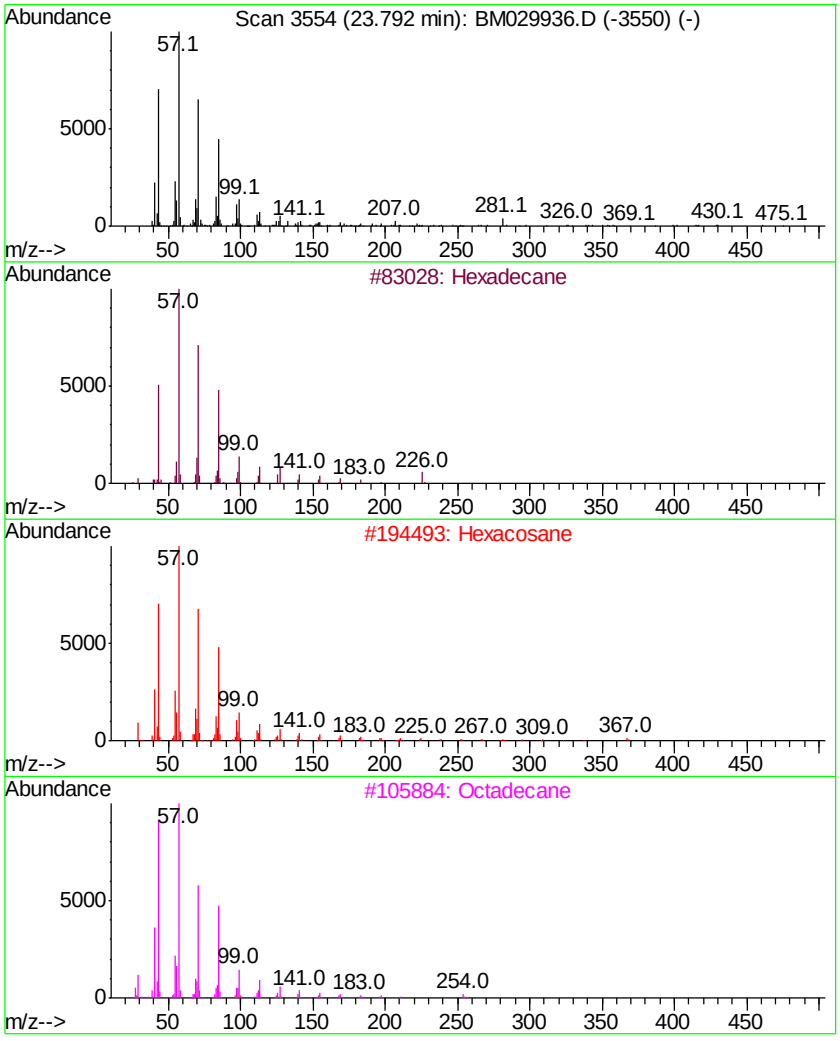
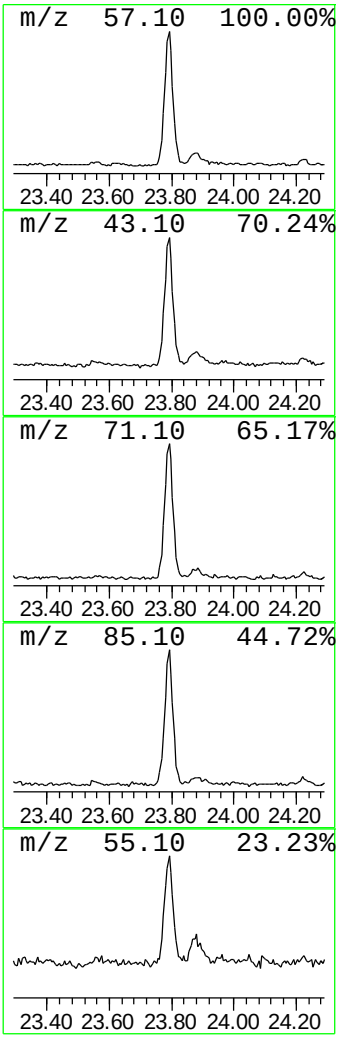
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	4.16 ng/ul	291912	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octadecane	254	C18H38	000593-45-3	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	83
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

						--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	20.86	3.6	ng/ul	282606	5	21.13	1574250	20.0
(DEL) Alkane: Str...	22.64	2.7	ng/ul	191431	6	23.29	1402390	20.0
(DEL) Alkane: Str...	23.79	4.2	ng/ul	291912	6	23.29	1402390	20.0