LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120817\
Data File : BM013291.D
Acq On : 09 Dec 2017 04:44
Operator : SJ/JU
Sample : I6758-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B16

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	4.263	195	200	205	rBV3	43343	69558	1.23%	0.134%
2	4.852	295	300	305	rVB	67634	97083	1.72%	0.186%
3	6.869	636	643	653	rVB2	485228	859935	15.19%	1.651%
4	7.034	663	671	680	rVB	377386	592232	10.46%	1.137%
5	7.228	696	704	714	rVB	510004	805190	14.23%	1.546%
6	7.693	776	783	789	rBV	955141	1498836	26.48%	2.878%
7	8.398	896	903	913	rBV	627510	1016070	17.95%	1.951%
8	8.845	970	979	988	rVB	500671	850260	15.02%	1.633%
9	9.557	1093	1100	1107	rBV	430011	725535	12.82%	1.393%
10	10.098	1185	1192	1201	rBV	635500	1081490	19.11%	2.077%
11	10.469	1247	1255	1263	rBV	1359017	2281231	40.30%	4.381%
12	10.610	1272	1279	1291	rVB	271152	485409	8.58%	0.932%
13	13.745	1806	1812	1817	rBV	1284203	1808932	31.96%	3.474%
14	13.792	1817	1820	1828	rVB	202506	277030	4.89%	0.532%
15	14.022	1848	1859	1869	rBV	1407691	2168030	38.30%	4.164%
16	14.239	1890	1896	1901	rVB3	59928	76044	1.34%	0.146%
17	14.333	1904	1912	1920	rBV2	2194880	3307047	58.43%	6.351%
18	14.545	1939	1948	1963	rBV	415296	720639	12.73%	1.384%
19	15.192	2055	2058	2064	rVB	62020	75643	1.34%	0.145%
20	15.327	2074	2081	2087	rBV	1834765	2583715	45.65%	4.962%
21	15.451	2097	2102	2116	rBV	474596	686261	12.12%	1.318%
22	16.057	2201	2205	2213	rBV2	68753	107247	1.89%	0.206%
23	17.080	2372	2379	2384	rBV2	2926466	4195657	74.13%	8.057%
24	17.121	2384	2386	2390	rVV2	45810	58453	1.03%	0.112%
25	17.180	2390	2396	2406	rVB	2024399	2882101	50.92%	5.535%
26	17.986	2527	2533	2542	rBV	329287	508453	8.98%	0.976%
27	18.551	2624	2629	2635	rBV10	38511	67789	1.20%	0.130%
28	19.139	2721	2729	2737	rBV	230634	392037	6.93%	0.753%
29	19.268	2744	2751	2758	rBV3	202139	314913	5.56%	0.605%
30	19.474	2780	2786	2795	rBV	2548627	3786349	66.89%	7.271%
31	19.921	2858	2862	2867	rBV	129172	176765	3.12%	0.339%
32	19.962	2867	2869	2872	rVV4	41168	58831	1.04%	0.113%
33	20.004	2872	2876	2879	rVB6	68050	107605	1.90%	0.207%
34	20.156	2897	2902	2907	rBV5	53138	112477	1.99%	0.216%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F9B16

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	20.304	2924	2927	2930	rBV3	48052	63402	1.12%	0.122%
36	20.462	2950	2954	2959	rVB	183181	238242	4.21%	0.458%
37	20.527	2961	2965	2969	rBV7	45991	74940	1.32%	0.144%
38	20.751	3000	3003	3008	rVB2	64210	81897	1.45%	0.157%
39	20.956	3035	3038	3040	rBV3	65887	70963	1.25%	0.136%
40	20.986	3040	3043	3049	rVB	795943	958013	16.93%	1.840%
41	21.268	3084	3091	3096	rBV	4165043	5660195	100.00%	10.870%
42	21.433	3115	3119	3124	rBV6	63070	101202	1.79%	0.194%
43	21.880	3190	3195	3200	rVB5	185930	331154	5.85%	0.636%
44	22.827	3351	3356	3361	rBV	514648	941876	16.64%	1.809%
45	23.356	3440	3446	3451	rBV2	1630132	2943224	52.00%	5.652%
46	23.497	3463	3470	3477	rBV2	2449040	4618540	81.60%	8.870%
47	24.039	3557	3562	3569	rVB	277939	540459	9.55%	1.038%
48	24.121	3571	3576	3587	rVB4	284356	612520	10.82%	1.176%

Sum of corrected areas: 52071474

LSC Report - Integrated Chromatogram

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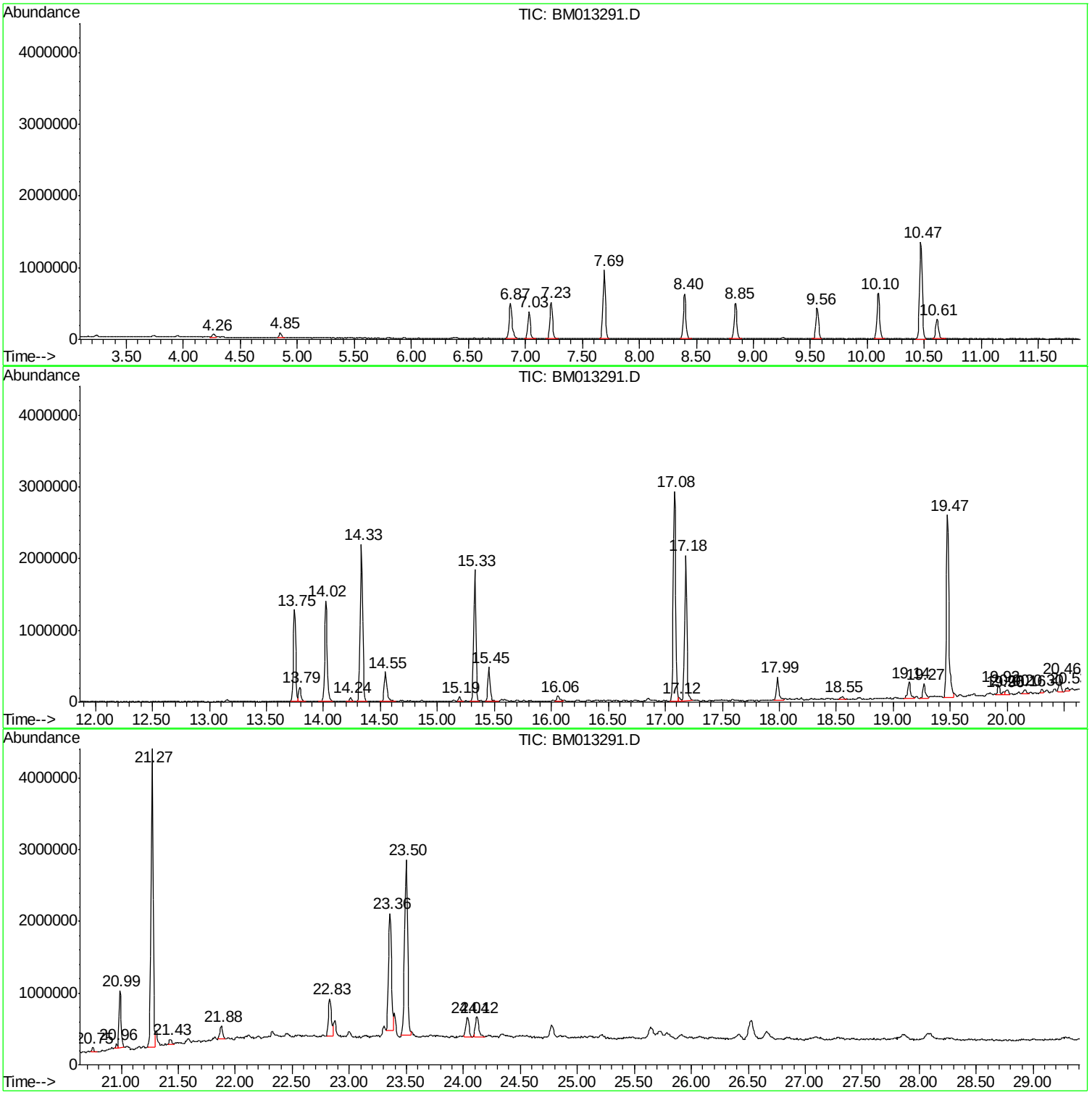
Instrument : BNA_M
ClientSampleId : F9B16

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Acq On : 09 Dec 2017 04:44
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Sample : I6758-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B16

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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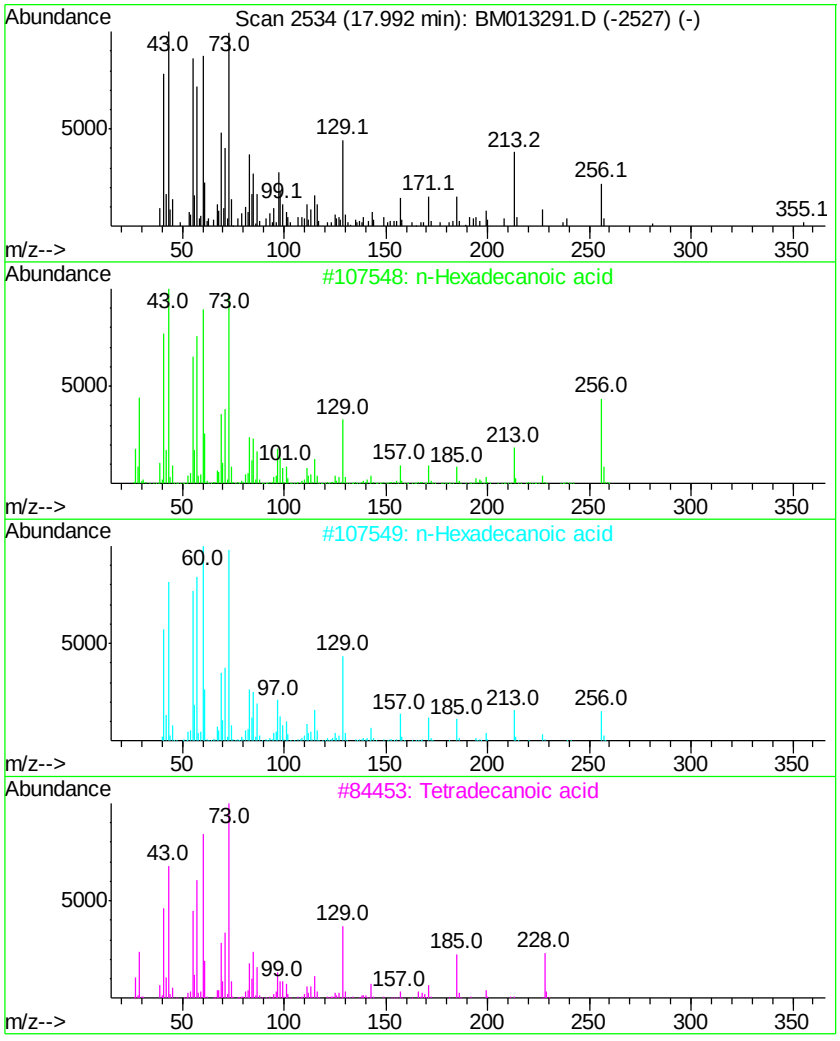
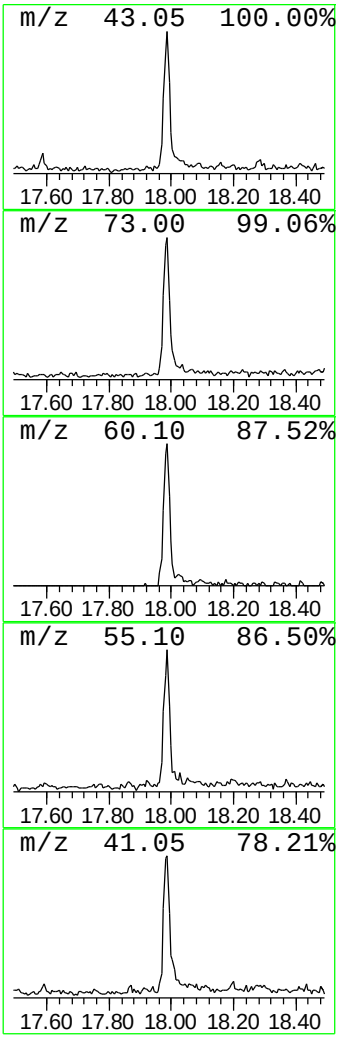
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.42 ng/ul	508453	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Instrument : BNA_M
ClientSampleId : F9B16

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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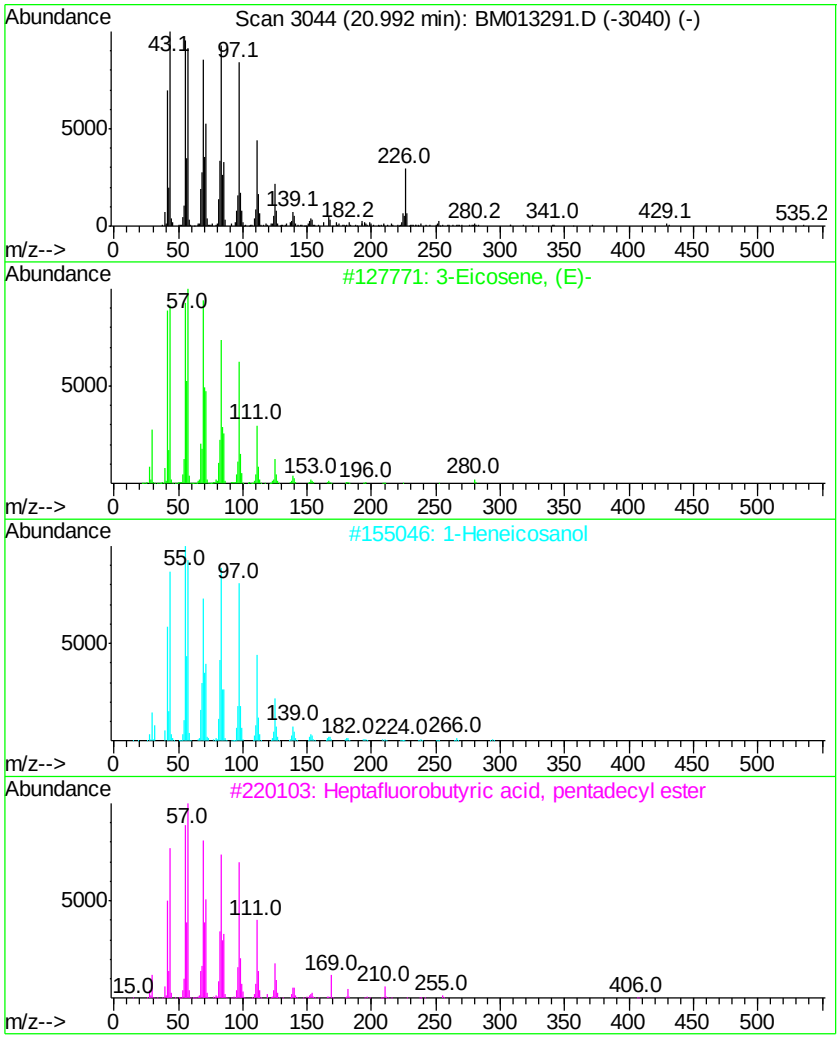
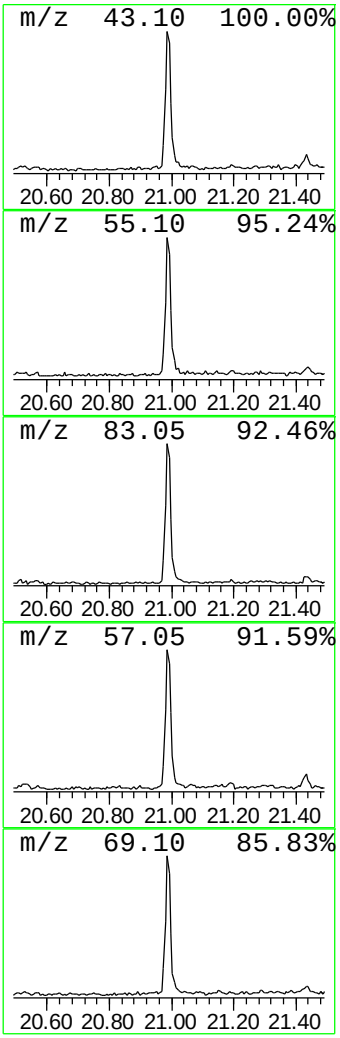
Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.39 ng/ul	958013	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Instrument : BNA_M
ClientSampleId : F9B16

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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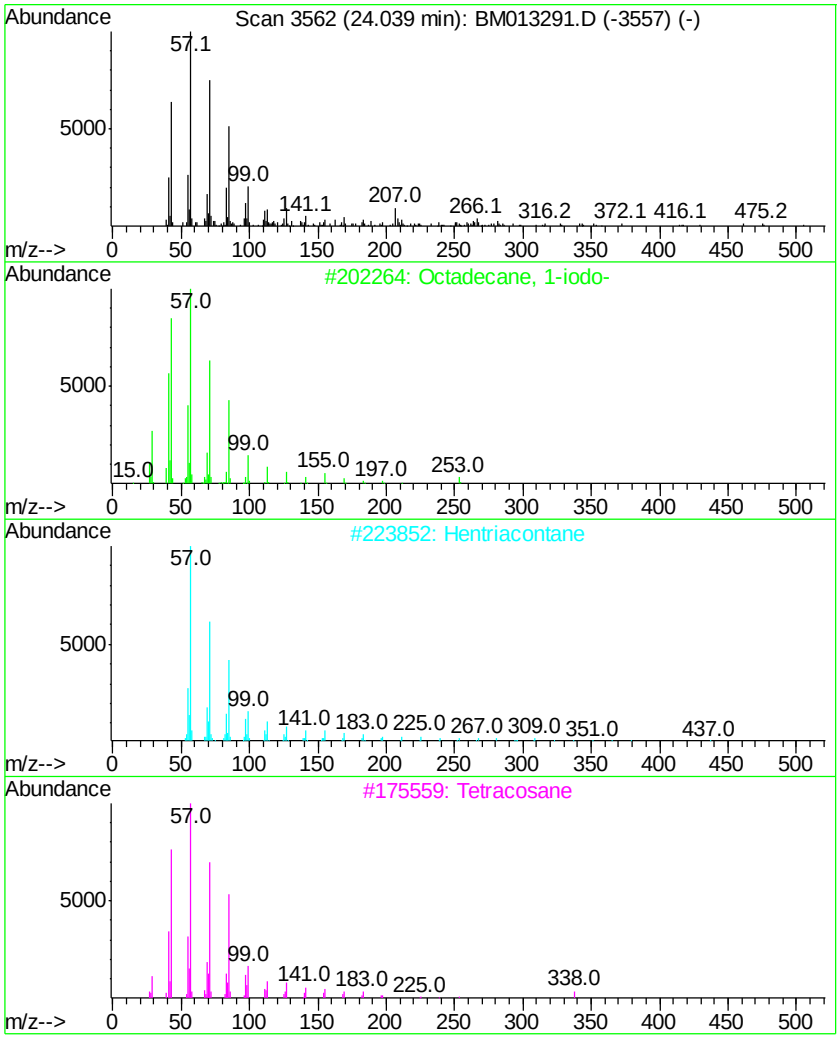
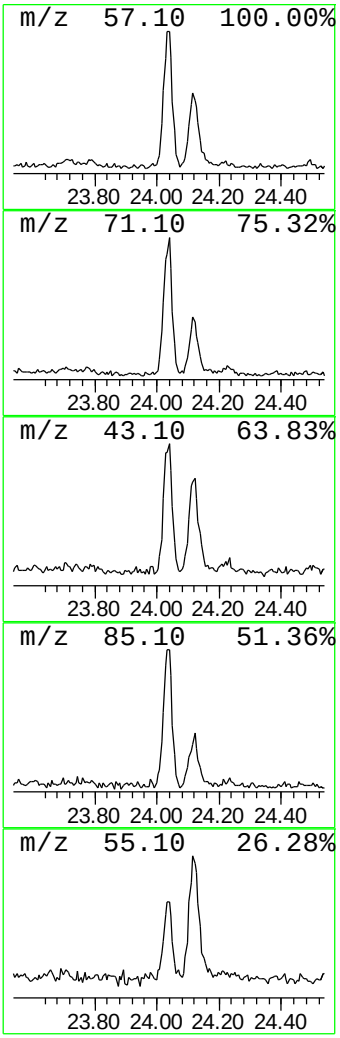
Peak Number 3 Octadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.34 ng/ul	540459	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
2	Hentriacontane	437	C31H64	000630-04-6	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
5	Pentacosane	352	C25H52	000629-99-2	80





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Quant Title : SVOA CALIBRATION

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

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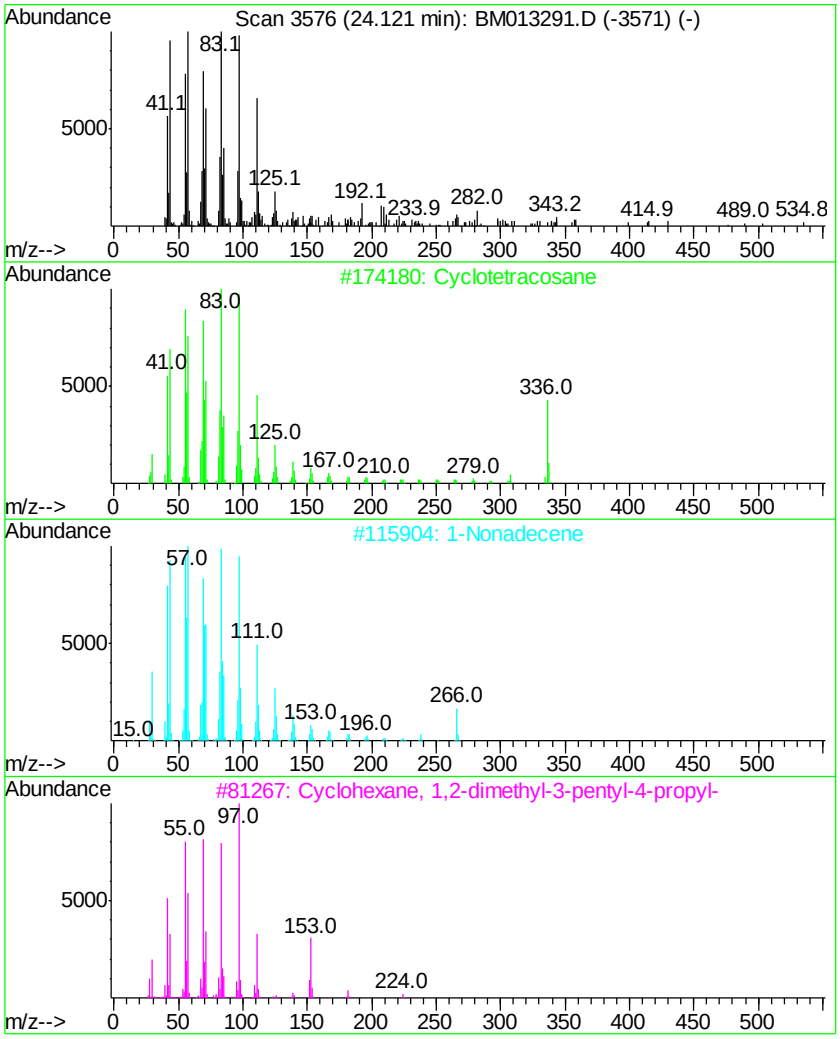
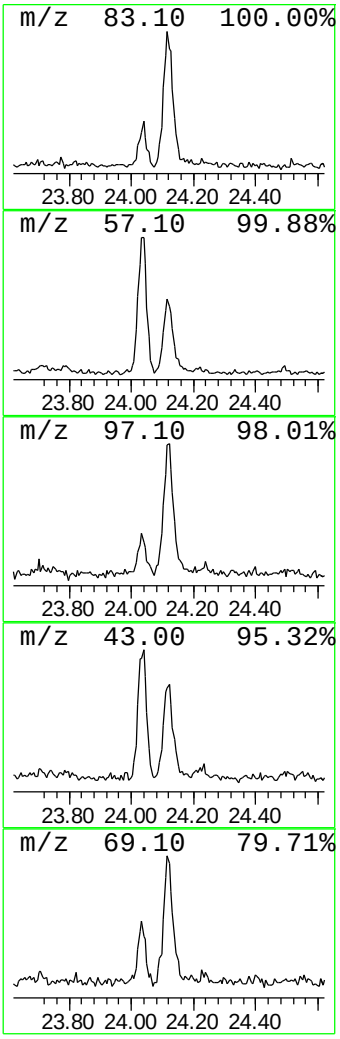
Peak Number 4 (DEL) Alkane: Cyclic24.12 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	2.65 ng/ul	612520	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	1-Nonadecene	266	C19H38	018435-45-5	86
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	76
4	1-Eicosene	280	C20H40	003452-07-1	70
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	64





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
n-Hexadecanoic acid	17.99	2.4	ng/ul	508453	4	17.08	4195660	20.0
(DEL) Alkane: Cyc...	20.99	3.4	ng/ul	958013	5	21.27	5660200	20.0
Octadecane, 1-iodo-	24.04	2.3	ng/ul	540459	6	23.50	4618540	20.0
(DEL) Alkane: Cyc...	24.12	2.6	ng/ul	612520	6	23.50	4618540	20.0