LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016892.D
Acq On : 26 Sep 2018 10:45
Operator : MJ/SJ
Sample : J5013-08RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08M2RX

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\SOM-EPA-BM091018MA.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	4.875	318	321	327	rVB2	34003	47018	1.50%	0.196%
2	5.822	478	482	488	rBV	23606	33649	1.07%	0.140%
3	6.711	630	633	635	rBV4	3084	3856	0.12%	0.016%
4	6.911	656	667	676	rVB2	158473	327556	10.45%	1.367%
5	7.052	685	691	698	rBV	171271	258378	8.25%	1.078%
6	7.246	718	724	737	rVV	177514	280912	8.97%	1.172%
7	7.328	737	738	744	rVB3	3273	3752	0.12%	0.016%
8	7.434	754	756	761	rBV3	2890	4908	0.16%	0.020%
9	7.511	765	769	774	rBV2	4000	7608	0.24%	0.032%
10	7.716	796	804	811	rBV	767867	1245117	39.74%	5.196%
11	7.775	811	814	820	rVB	15403	24470	0.78%	0.102%
12	8.034	854	858	863	rVB5	3528	5731	0.18%	0.024%
13	8.410	917	922	933	rVV	137946	217752	6.95%	0.909%
14	8.499	933	937	940	rVB4	2305	3722	0.12%	0.016%
15	8.863	993	999	1009	rVB	187818	304508	9.72%	1.271%
16	8.975	1014	1018	1021	rVB3	2740	4315	0.14%	0.018%
17	9.287	1065	1071	1076	rVB	24026	35802	1.14%	0.149%
18	9.581	1114	1121	1128	rBV2	118996	189055	6.03%	0.789%
19	10.116	1206	1212	1222	rVB	210328	345813	11.04%	1.443%
20	10.281	1236	1240	1243	rBV3	3675	4862	0.16%	0.020%
21	10.493	1268	1276	1284	rBV	1065034	1739196	55.51%	7.257%
22	10.634	1295	1300	1307	rVB2	19927	34744	1.11%	0.145%
23	11.040	1366	1369	1373	rVB4	2708	4199	0.13%	0.018%
24	11.099	1373	1379	1385	rBV4	2218	4176	0.13%	0.017%
25	11.240	1398	1403	1407	rBV3	8002	11342	0.36%	0.047%
26	11.775	1490	1494	1499	rVB2	4642	6191	0.20%	0.026%
27	12.087	1543	1547	1551	rVB4	4088	6071	0.19%	0.025%
28	12.704	1648	1652	1655	rBV3	4197	5462	0.17%	0.023%
29	12.957	1691	1695	1700	rBV4	7818	11494	0.37%	0.048%
30	13.075	1713	1715	1721	rVB4	5802	8063	0.26%	0.034%
31	13.181	1731	1733	1737	rVB	3483	4437	0.14%	0.019%
32	13.763	1826	1832	1836	rBV	403556	551251	17.59%	2.300%
33	13.810	1836	1840	1849	rVV	535344	721235	23.02%	3.010%
34	14.040	1870	1879	1887	rBV	420677	638860	20.39%	2.666%

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Sample : J5013-08RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08M2RX

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\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	14.263	1912	1917	1922	rVB2	5868	9080	0.29%	0.038%
36	14.351	1926	1932	1942	rVV2	1414120	2113210	67.45%	8.818%
37	14.487	1951	1955	1957	rBV3	2754	3594	0.11%	0.015%
38	14.551	1961	1966	1975	rVV4	16711	27875	0.89%	0.116%
39	14.704	1990	1992	1998	rVB4	2891	3375	0.11%	0.014%
40	14.769	2001	2003	2005	rBV3	3368	3328	0.11%	0.014%
41	14.881	2019	2022	2026	rVB3	3175	4615	0.15%	0.019%
42	14.951	2030	2034	2039	rBV3	4639	6920	0.22%	0.029%
43	15.163	2066	2070	2075	rBV4	6809	9096	0.29%	0.038%
44	15.216	2075	2079	2086	rVB2	10230	15391	0.49%	0.064%
45	15.286	2086	2091	2093	rBV3	3367	5121	0.16%	0.021%
46	15.345	2095	2101	2110	rVB	620030	890040	28.41%	3.714%
47	15.463	2116	2121	2126	rBV2	78767	107163	3.42%	0.447%
48	15.598	2139	2144	2148	rBV4	5887	11856	0.38%	0.049%
49	15.628	2148	2149	2152	rVB	5191	3353	0.11%	0.014%
50	15.663	2152	2155	2158	rVB4	3450	4823	0.15%	0.020%
51	15.716	2158	2164	2171	rBV5	4751	9446	0.30%	0.039%
52	15.775	2171	2174	2179	rBV2	5080	8482	0.27%	0.035%
53	15.910	2192	2197	2198	rBV2	4735	6500	0.21%	0.027%
54	16.081	2223	2226	2231	rVV3	11336	14479	0.46%	0.060%
55	16.245	2250	2254	2256	rBV4	3403	4876	0.16%	0.020%
56	16.516	2296	2300	2302	rBV4	8624	12787	0.41%	0.053%
57	16.663	2321	2325	2326	rBV4	2714	3243	0.10%	0.014%
58	16.733	2332	2337	2339	rBV3	2266	3521	0.11%	0.015%
59	16.880	2359	2362	2367	rBV5	10064	15477	0.49%	0.065%
60	16.928	2367	2370	2373	rVB3	4580	4782	0.15%	0.020%
61	17.098	2393	2399	2406	rBV2	1750200	2441360	77.92%	10.187%
62	17.198	2410	2416	2427	rVV2	632474	924666	29.51%	3.858%
63	17.345	2438	2441	2445	rBV5	3370	4825	0.15%	0.020%
64	17.404	2448	2451	2453	rBV4	3245	4177	0.13%	0.017%
65	17.616	2483	2487	2489	rVV3	6263	7253	0.23%	0.030%
66	17.875	2526	2531	2535	rBV4	19816	28994	0.93%	0.121%
67	17.963	2544	2546	2548	rBV3	3230	3232	0.10%	0.013%
68	18.004	2548	2553	2563	rBV	218249	318708	10.17%	1.330%
69	18.186	2583	2584	2586	rBV2	5426	3223	0.10%	0.013%
70	18.204	2586	2587	2590	rVB3	5631	3558	0.11%	0.015%
71	18.304	2601	2604	2607	rBV3	7990	8022	0.26%	0.033%

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08M2RX

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

72	18.674	2664	2667	2670	rVB5	5522	6200	0.20%	0.026%
73	18.810	2686	2690	2695	rBV7	6539	14657	0.47%	0.061%
74	19.286	2767	2771	2776	rBV3	48985	69884	2.23%	0.292%
75	19.380	2785	2787	2792	rVB5	8468	7546	0.24%	0.031%
76	19.498	2801	2807	2814	rBV	788732	1136507	36.27%	4.742%
77	21.016	3060	3065	3071	rBV	318157	484233	15.46%	2.021%
78	21.286	3106	3111	3120	rBV	2357527	3062708	97.75%	12.780%
79	22.480	3310	3314	3322	rVB	544460	680013	21.70%	2.838%
80	22.857	3376	3378	3383	rVB	115305	142359	4.54%	0.594%
81	23.374	3461	3466	3472	rBV	563052	1082039	34.54%	4.515%
82	23.521	3484	3491	3500	rBV2	1684094	3133045	100.00%	13.073%

Sum of corrected areas: 23965147

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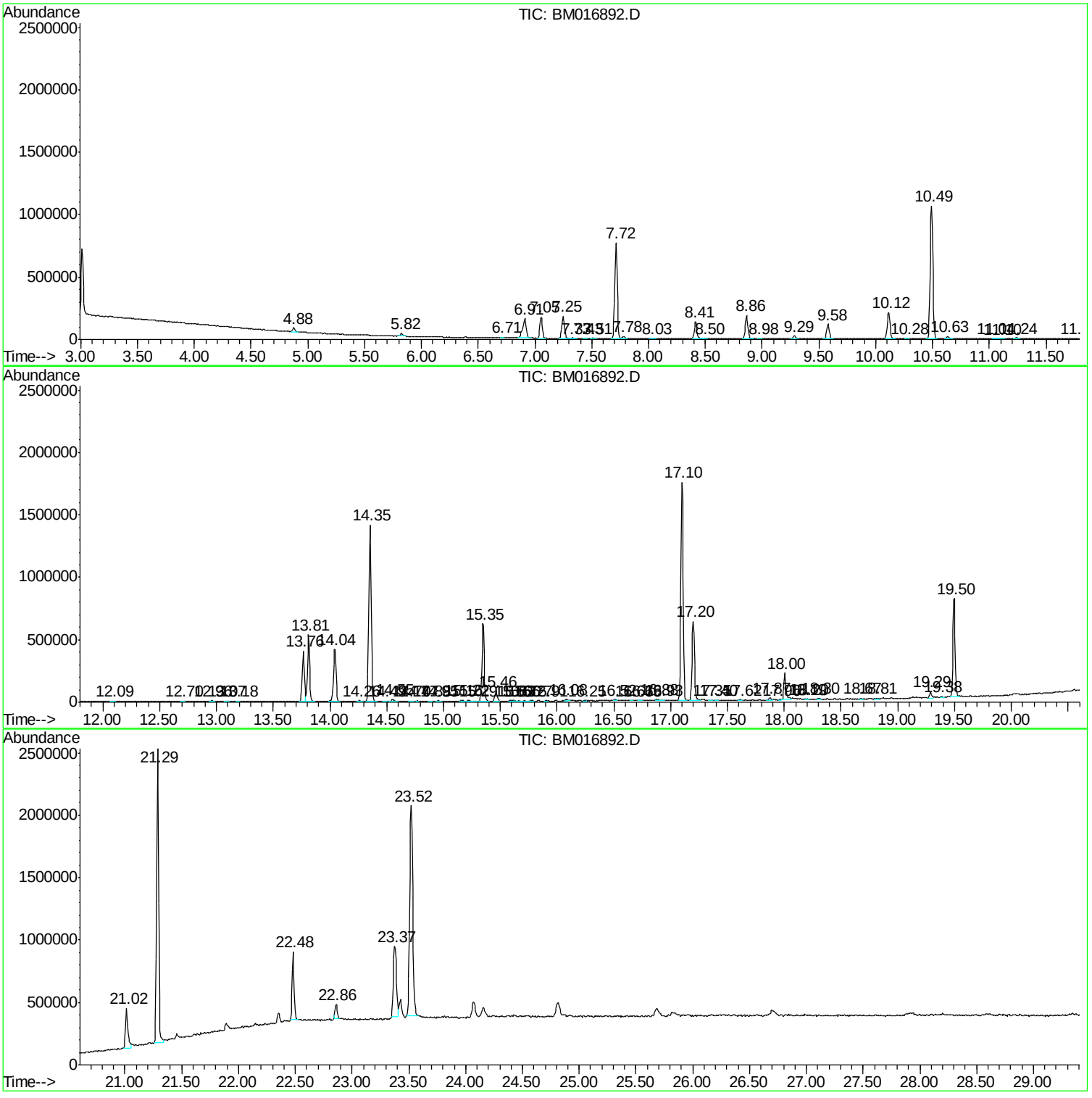
ClientSampleId : C08M2RX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C08M2RX

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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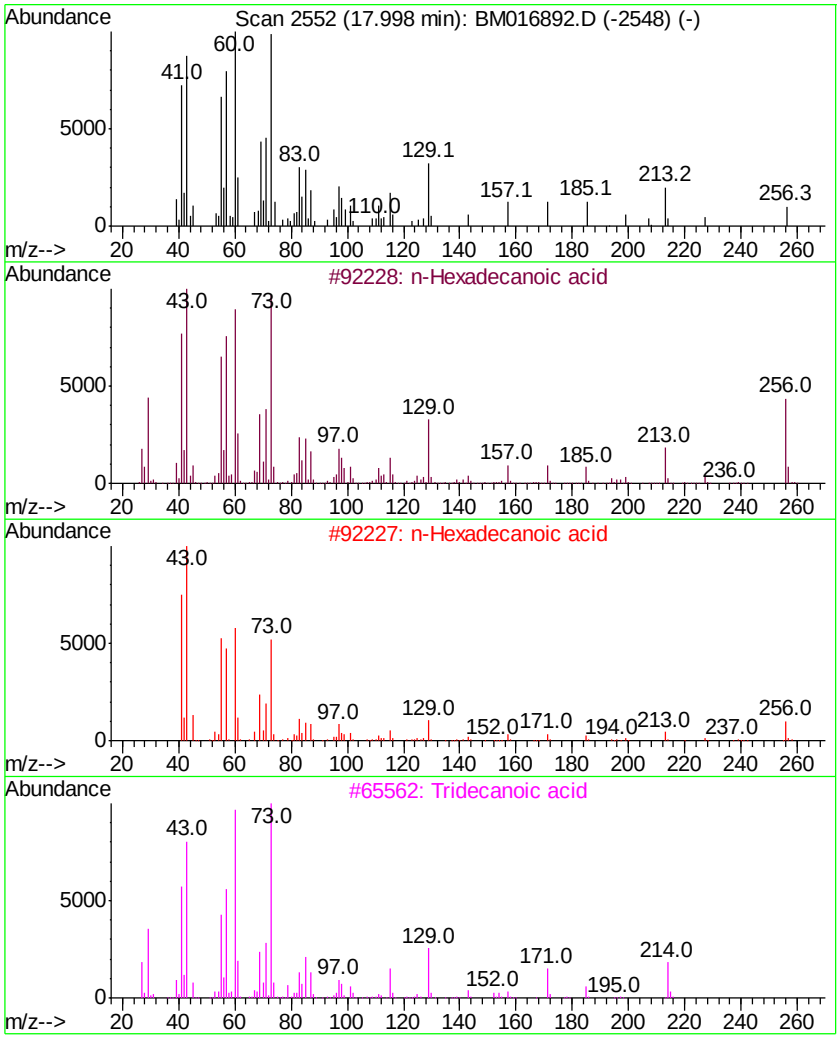
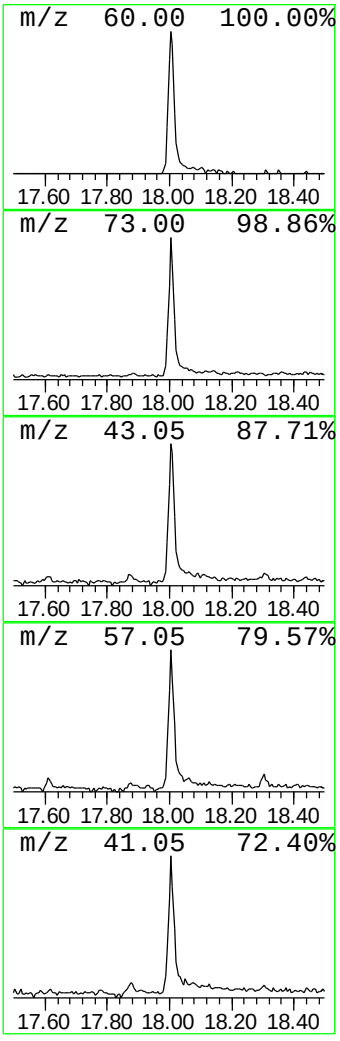
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.61 ng/ul	318708	Phenanthrene-d10	17.10

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	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

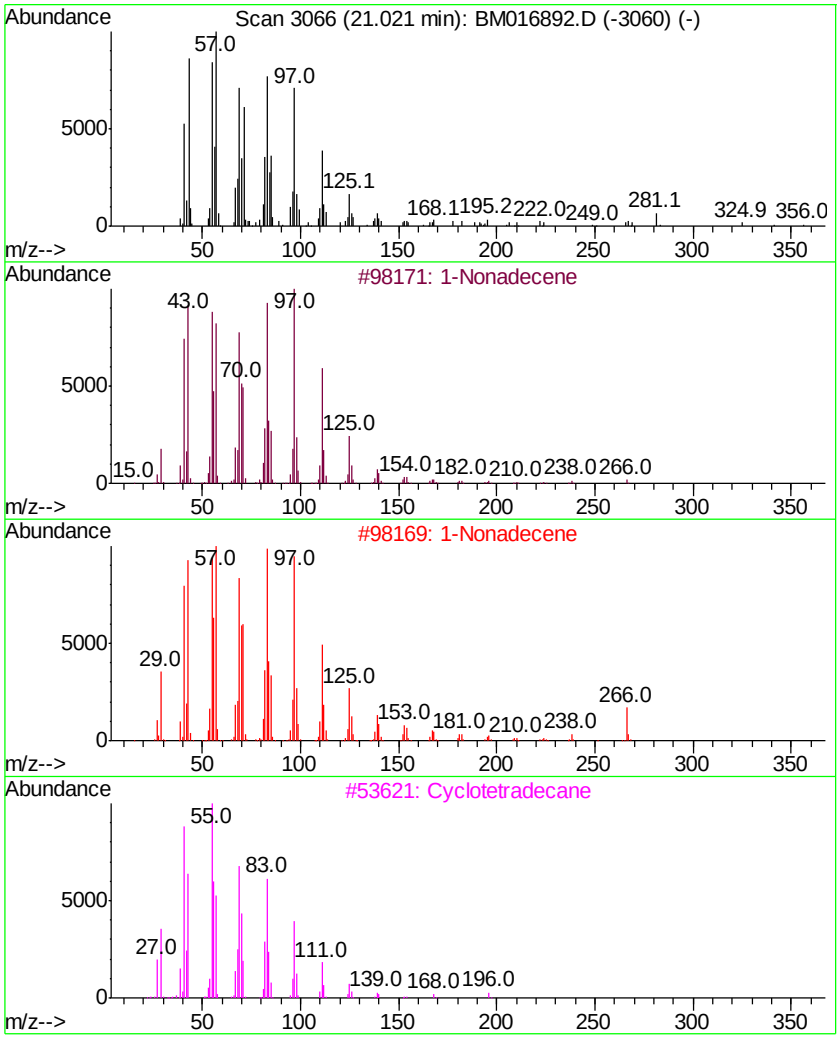
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

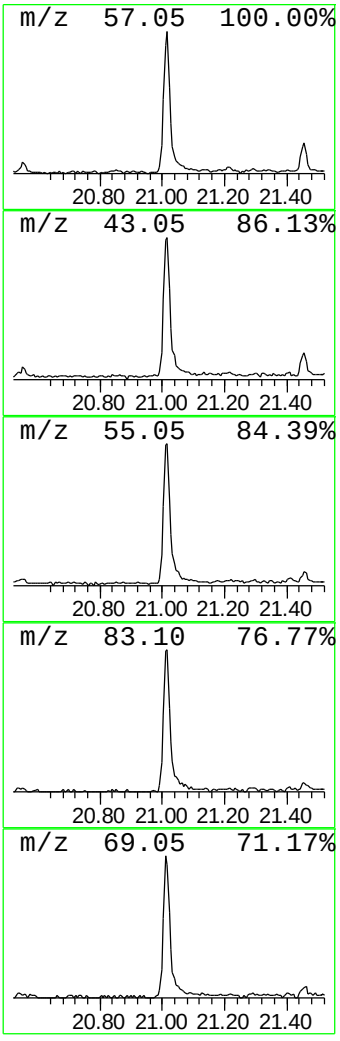
****

Peak Number 2 (DEL) Alkane: Cyclic21.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.16 ng/ul	484233	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Cyclotetradecane	196	C14H28	000295-17-0	95
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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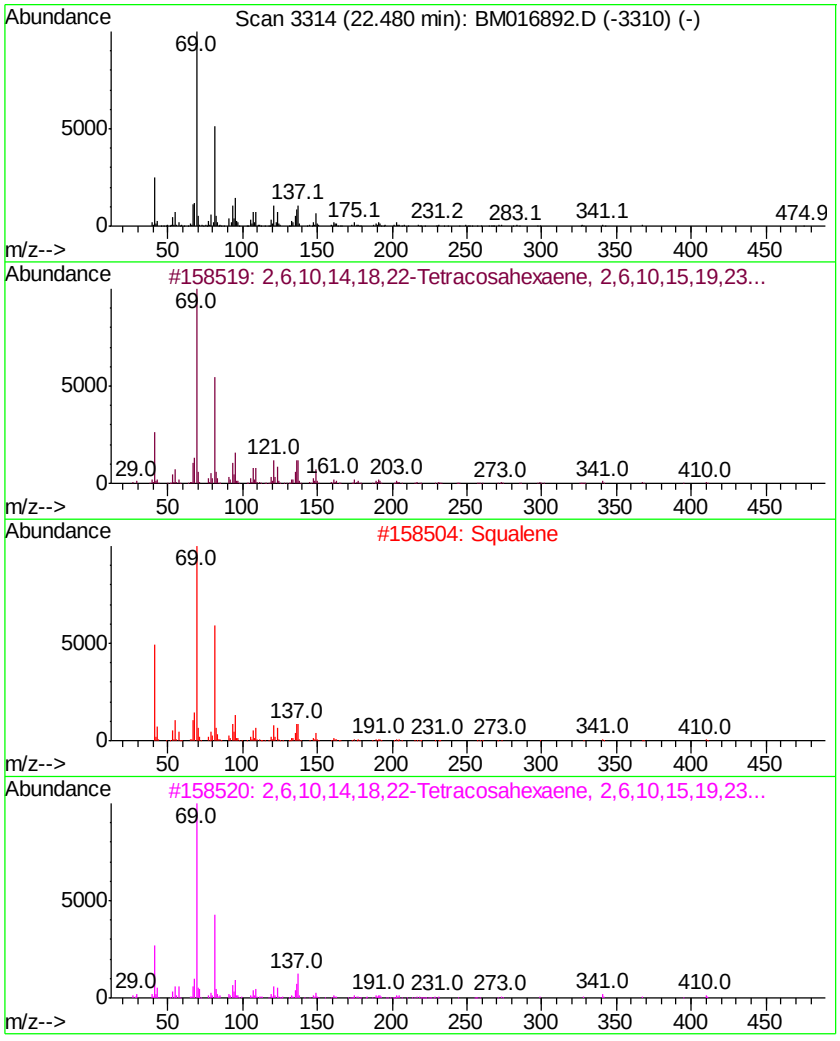
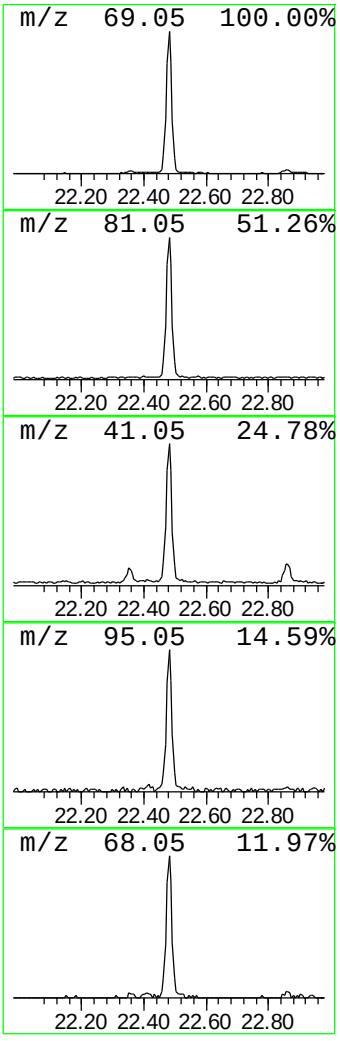
Peak Number 3 2,6,10,14,18,22-Tetracosahe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	4.34 ng/ul	680013	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	007683-64-9	91
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	2.6	ng/ul	318708	4	17.10	2441360	20.0
(DEL) Alkane: Cyc...	21.02	3.2	ng/ul	484233	5	21.29	3062710	20.0
2,6,10,14,18,22-T...	22.48	4.3	ng/ul	680013	6	23.52	3133050	20.0