LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019683.D
Acq On : 02 Apr 2019 08:10
Operator : JU/SJ
Sample : K2068-21
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J9

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-BM032219MA.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	3.122	20	23	32	rVB	50656	80612	3.03%	0.221%
2	3.628	105	109	118	rVB	16919	29934	1.13%	0.082%
3	3.716	118	124	131	rBV	35521	63711	2.40%	0.174%
4	3.822	138	142	145	rVB2	9543	14740	0.55%	0.040%
5	4.216	206	209	218	rVB2	8614	14898	0.56%	0.041%
6	4.369	232	235	241	rVB4	10554	16357	0.62%	0.045%
7	4.710	289	293	295	rBV	43038	54916	2.07%	0.150%
8	4.740	295	298	313	rVB	116395	189518	7.14%	0.519%
9	5.999	507	512	514	rBV6	3215	4451	0.17%	0.012%
10	6.640	613	621	622	rBV5	7385	13035	0.49%	0.036%
11	6.763	634	642	656	rBV	489773	901317	33.93%	2.468%
12	6.928	663	670	686	rBV	412054	731812	27.55%	2.004%
13	7.104	694	700	713	rBV	575165	971291	36.57%	2.659%
14	7.569	773	779	788	rBV	844901	1360099	51.21%	3.724%
15	7.887	830	833	838	rVB2	3534	5508	0.21%	0.015%
16	8.293	895	902	916	rBV	607804	1114424	41.96%	3.051%
17	8.410	918	922	933	rVB	23121	47983	1.81%	0.131%
18	8.740	971	978	994	rBV	487292	888215	33.44%	2.432%
19	8.851	994	997	1001	rVV4	6514	10778	0.41%	0.030%
20	8.887	1001	1003	1008	rVB5	5109	7220	0.27%	0.020%
21	9.063	1027	1033	1040	rVB	32306	49118	1.85%	0.134%
22	9.457	1093	1100	1113	rBV	347983	615507	23.17%	1.685%
23	9.992	1184	1191	1207	rBV	604325	1199930	45.18%	3.286%
24	10.134	1212	1215	1220	rVB4	4262	7170	0.27%	0.020%
25	10.351	1244	1252	1264	rBV	1192285	1991456	74.98%	5.453%
26	10.522	1274	1281	1294	rBV	332592	739289	27.83%	2.024%
27	10.610	1294	1296	1308	rVB8	13681	36071	1.36%	0.099%
28	10.816	1326	1331	1334	rVB6	4723	7496	0.28%	0.021%
29	11.345	1415	1421	1425	rBV3	3903	7848	0.30%	0.021%
30	11.545	1448	1455	1461	rVV7	8422	16842	0.63%	0.046%
31	11.604	1461	1465	1468	rVB2	3174	4153	0.16%	0.011%
32	11.763	1488	1492	1496	rVB5	6193	10279	0.39%	0.028%
33	11.898	1511	1515	1520	rVB4	6315	10538	0.40%	0.029%
34	11.957	1520	1525	1527	rBV4	9054	15621	0.59%	0.043%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2068-21
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J9

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-BM032219MA.M
Title : SVOA CALIBRATION

35	12.028	1534	1537	1542	rBV	9736	17959	0.68%	0.049%
36	12.257	1571	1576	1578	rBV	7085	11250	0.42%	0.031%
37	12.322	1583	1587	1590	rBV4	4276	5538	0.21%	0.015%
38	12.445	1605	1608	1610	rBV3	4219	4455	0.17%	0.012%
39	12.728	1653	1656	1660	rBV4	5537	7251	0.27%	0.020%
40	12.939	1690	1692	1697	rBV5	6163	9789	0.37%	0.027%
41	13.028	1704	1707	1713	rVB4	5756	9158	0.34%	0.025%
42	13.151	1726	1728	1733	rVB5	3491	4471	0.17%	0.012%
43	13.192	1733	1735	1740	rVB3	4047	4736	0.18%	0.013%
44	13.263	1743	1747	1756	rVB7	3988	7763	0.29%	0.021%
45	13.386	1766	1768	1769	rBV2	6847	6215	0.23%	0.017%
46	13.410	1771	1772	1777	rVB3	10603	10604	0.40%	0.029%
47	13.492	1782	1786	1791	rBV6	10945	18489	0.70%	0.051%
48	13.545	1791	1795	1800	rVB2	11204	15781	0.59%	0.043%
49	13.604	1800	1805	1808	rBV5	12012	21051	0.79%	0.058%
50	13.657	1808	1814	1818	rVV	1195604	1715979	64.61%	4.698%
51	13.704	1818	1822	1827	rVB	152734	220779	8.31%	0.605%
52	13.927	1854	1860	1869	rBV	1420544	2094718	78.86%	5.736%
53	14.039	1876	1879	1885	rVB7	11287	18763	0.71%	0.051%
54	14.116	1886	1892	1895	rBV5	6485	12306	0.46%	0.034%
55	14.180	1899	1903	1905	rVV5	4788	7444	0.28%	0.020%
56	14.233	1905	1912	1920	rVV2	1723161	2604621	98.06%	7.132%
57	14.298	1920	1923	1927	rVB	23625	34853	1.31%	0.095%
58	14.445	1944	1948	1949	rBV4	4148	5805	0.22%	0.016%
59	14.498	1952	1957	1974	rBV2	154373	455089	17.13%	1.246%
60	14.663	1982	1985	1989	rBV6	9490	13073	0.49%	0.036%
61	14.851	2012	2017	2019	rBV6	6364	11234	0.42%	0.031%
62	14.933	2029	2031	2036	rVB5	7439	10486	0.39%	0.029%
63	15.022	2039	2046	2050	rBV3	16638	36636	1.38%	0.100%
64	15.080	2052	2056	2058	rVB4	8254	12254	0.46%	0.034%
65	15.239	2077	2083	2096	rBV	1716497	2548694	95.96%	6.979%
66	15.392	2106	2109	2110	rBV2	6361	7072	0.27%	0.019%
67	15.474	2119	2123	2128	rVB3	23195	35445	1.33%	0.097%
68	15.574	2138	2140	2143	rBV4	5785	7655	0.29%	0.021%
69	15.957	2199	2205	2209	rBV9	17231	37278	1.40%	0.102%
70	16.998	2376	2382	2388	rBV	1954801	2558120	96.31%	7.004%
71	17.098	2393	2399	2407	rVB	1606002	2338653	88.05%	6.403%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF5J9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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-BM032219MA.M
Title : SVOA CALIBRATION

72	17.886	2529	2533	2543	rBV	246252	441660	16.63%	1.209%
73	19.404	2786	2791	2796	rBV	1488219	2068442	77.88%	5.664%
74	20.904	3044	3046	3050	rBV2	483444	553107	20.82%	1.514%
75	21.203	3093	3097	3102	rBV	1897139	2293179	86.34%	6.279%
76	23.274	3445	3449	3455	rVB	1243491	2335779	87.94%	6.396%
77	23.415	3470	3473	3481	rVB2	1577354	2656089	100.00%	7.273%

Sum of corrected areas: 36521860

LSC Report - Integrated Chromatogram

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Data File : BM019683.D
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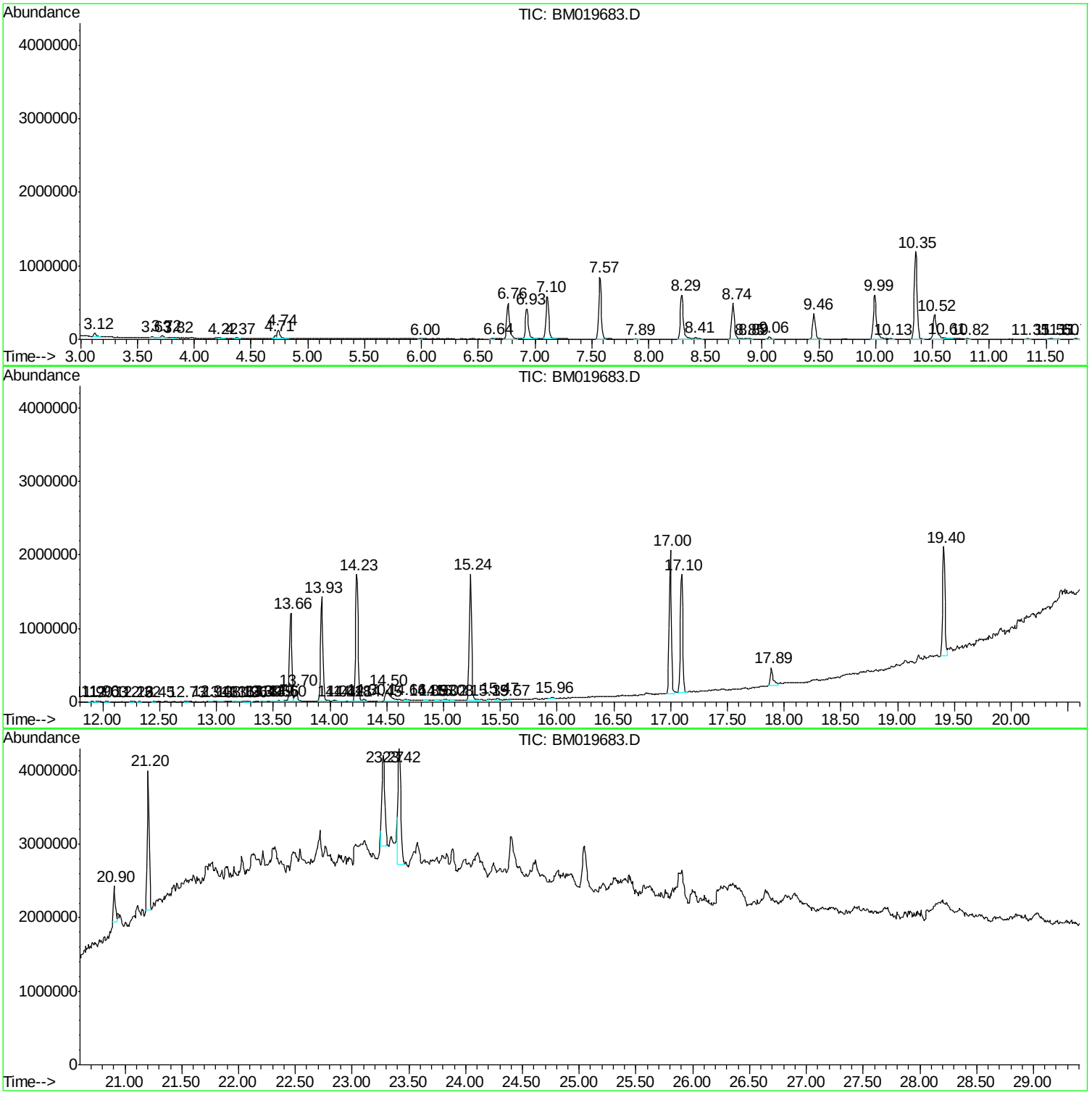
Operator : JU/SJ
Sample : K2068-21
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019683.D
Acq On : 02 Apr 2019 08:10
Operator : JU/SJ
Sample : K2068-21
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

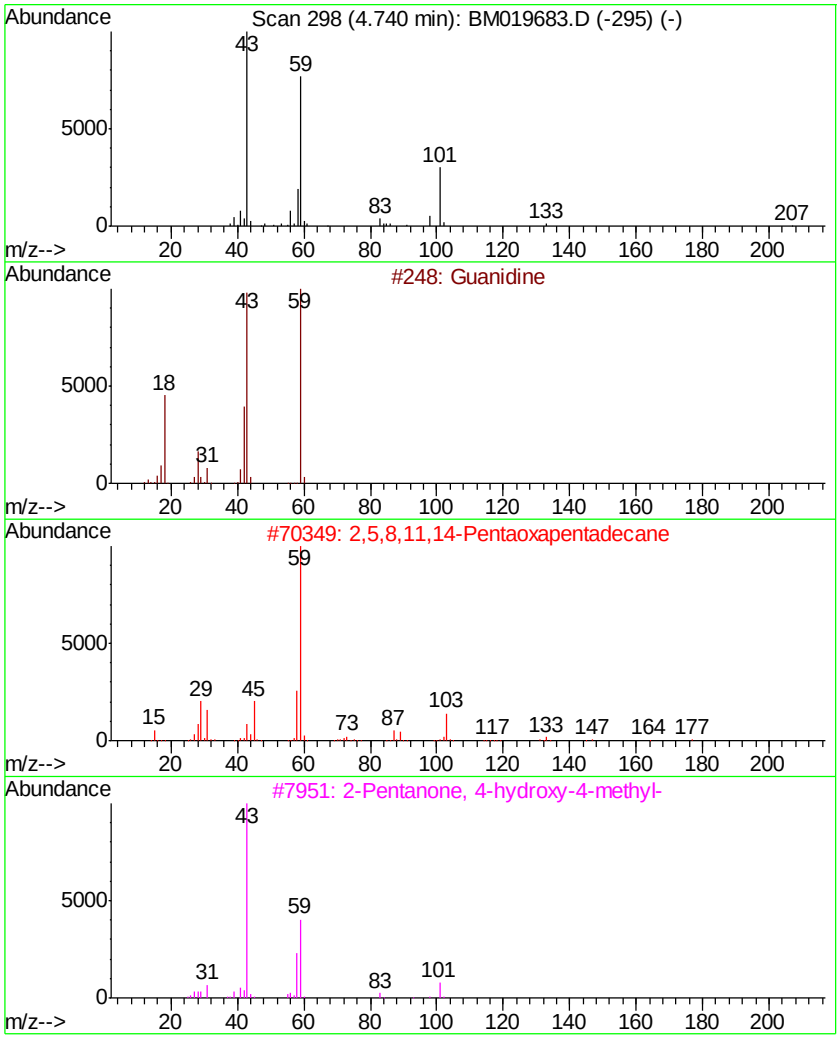
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

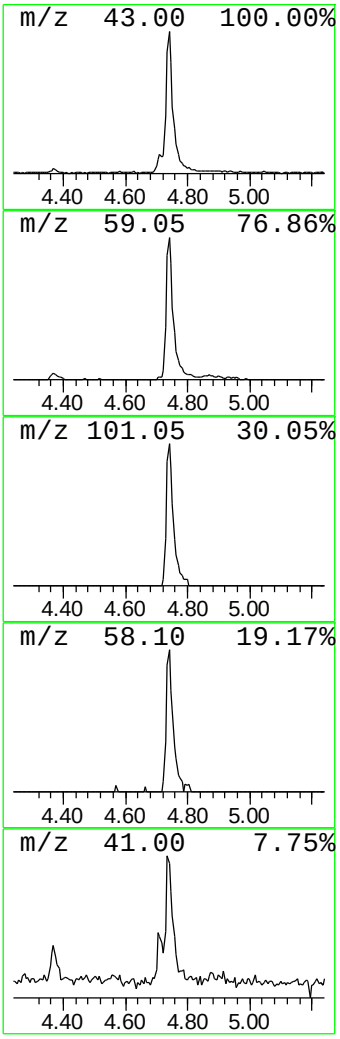
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	2.79 ng/ul	189518	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	47
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4	Dimethadione	129	C5H7NO3	000695-53-4	38
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019683.D
Acq On : 02 Apr 2019 08:10
Operator : JU/SJ
Sample : K2068-21
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

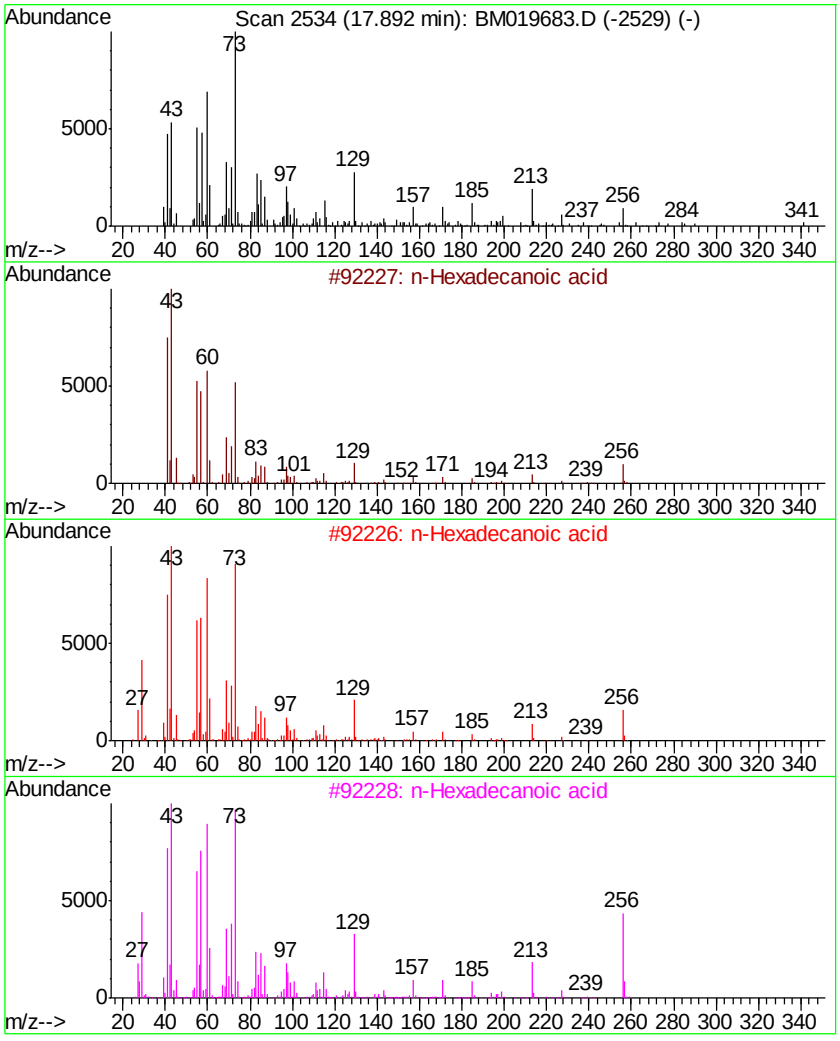
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

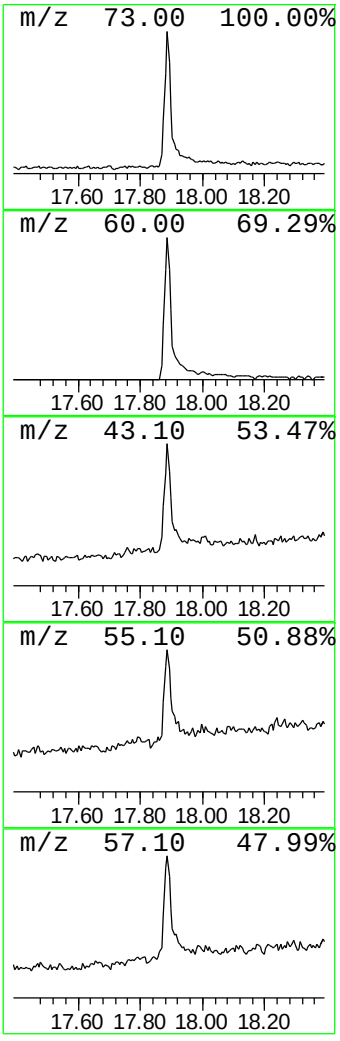
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.45 ng/ul	441660	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5J9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

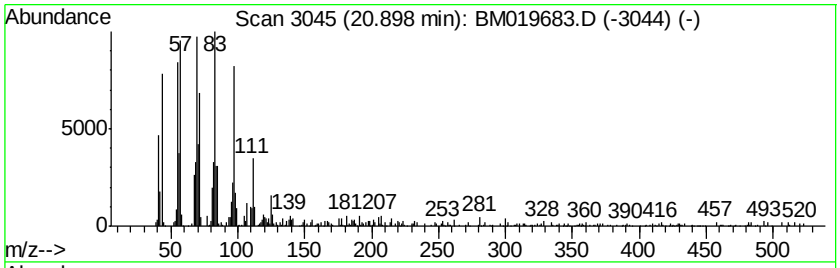
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

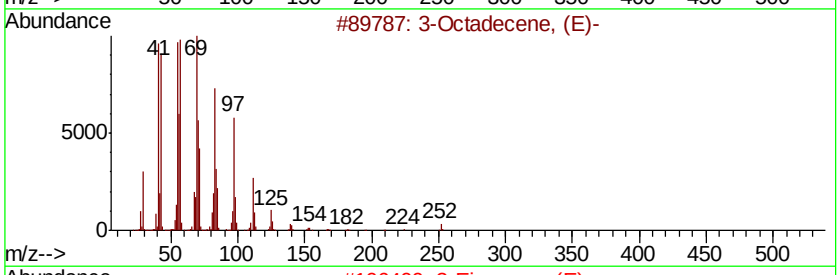
****

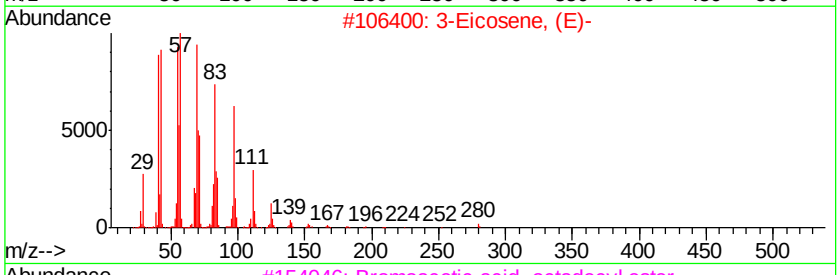
Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

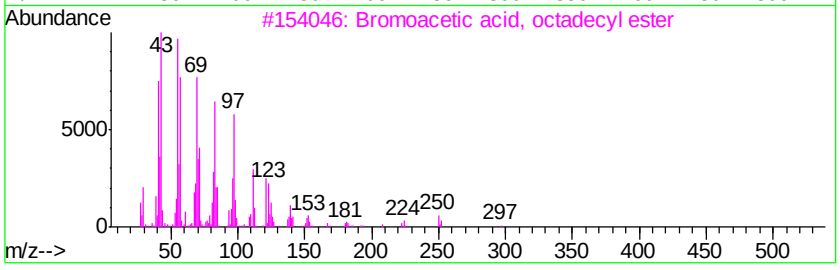
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.82 ng/ul	553107	Chrysene-d12	21.20

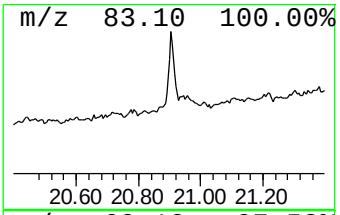
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87

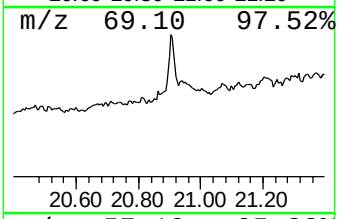


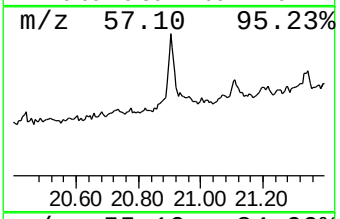


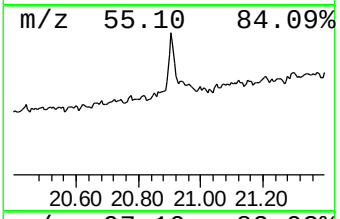


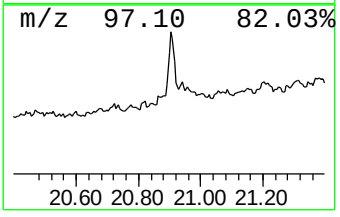












Tentatively Identified Compound (LSC) summary

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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
unknown-01	4.74	2.8	ng/ul	189518	1	7.57	1360100	20.0
n-Hexadecanoic acid	17.89	3.5	ng/ul	441660	4	17.00	2558120	20.0
(DEL) Alkane: Cyc...	20.90	4.8	ng/ul	553107	5	21.20	2293180	20.0