LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019383.D
Acq On : 24 Mar 2019 09:47
Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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	3.146	25	27	34	rVB	37166	46549	1.46%	0.090%
2	3.746	126	129	135	rVB	12375	18185	0.57%	0.035%
3	4.746	296	299	303	rBV	14697	20313	0.64%	0.039%
4	5.134	360	365	377	rVB	194615	279274	8.77%	0.539%
5	5.263	381	387	396	rVV	472071	682811	21.44%	1.318%
6	5.611	439	446	463	rBV2	1932981	3095144	97.20%	5.974%
7	6.099	525	529	535	rVB2	13397	20371	0.64%	0.039%
8	6.587	607	612	618	rBV3	7361	12992	0.41%	0.025%
9	6.787	639	646	663	rBV2	378740	836142	26.26%	1.614%
10	6.957	669	675	689	rBV	266045	485146	15.24%	0.936%
11	7.140	700	706	720	rBV	373495	628918	19.75%	1.214%
12	7.605	779	785	793	rBV	505202	850330	26.70%	1.641%
13	7.669	793	796	804	rVB3	19618	36241	1.14%	0.070%
14	8.322	901	907	921	rBV	404136	801252	25.16%	1.546%
15	8.446	923	928	936	rVV	54973	94367	2.96%	0.182%
16	8.775	978	984	1001	rBV	307039	568403	17.85%	1.097%
17	9.110	1035	1041	1045	rVB2	8564	12250	0.38%	0.024%
18	9.293	1065	1072	1078	rBV	147909	223399	7.02%	0.431%
19	9.493	1099	1106	1117	rBV	249108	455933	14.32%	0.880%
20	9.775	1151	1154	1161	rBV4	3126	6797	0.21%	0.013%
21	10.022	1190	1196	1217	rBV	348258	749992	23.55%	1.448%
22	10.387	1252	1258	1268	rBV	768996	1276914	40.10%	2.465%
23	10.557	1279	1287	1307	rBV	240301	591671	18.58%	1.142%
24	11.428	1430	1435	1444	rBV3	17932	42003	1.32%	0.081%
25	11.592	1458	1463	1471	rVB4	3521	10004	0.31%	0.019%
26	12.034	1528	1538	1553	rBV	71974	215870	6.78%	0.417%
27	12.345	1586	1591	1599	rBV2	48718	76002	2.39%	0.147%
28	12.440	1601	1607	1612	rVV3	18430	27043	0.85%	0.052%
29	12.539	1621	1624	1627	rBV3	4614	7373	0.23%	0.014%
30	13.686	1813	1819	1824	rBV	832870	1232109	38.69%	2.378%
31	13.734	1824	1827	1836	rVV	175085	260244	8.17%	0.502%
32	13.957	1859	1865	1881	rVB	897205	1318985	41.42%	2.546%
33	14.145	1892	1897	1901	rVB4	4762	6779	0.21%	0.013%
34	14.263	1911	1917	1930	rBV2	1159642	1764496	55.41%	3.406%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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	14.522	1952	1961	1969	rBV3	86811	246316	7.74%	0.475%
36	14.586	1969	1972	1977	rVV	44069	79786	2.51%	0.154%
37	14.633	1978	1980	1986	rVV4	17197	27916	0.88%	0.054%
38	14.692	1986	1990	1998	rVB	41509	64386	2.02%	0.124%
39	14.792	2002	2007	2009	rBV4	4831	8064	0.25%	0.016%
40	14.845	2014	2016	2020	rVB4	7269	6575	0.21%	0.013%
41	15.028	2043	2047	2049	rBV2	7402	9305	0.29%	0.018%
42	15.057	2049	2052	2056	rVV2	6802	9716	0.31%	0.019%
43	15.104	2056	2060	2065	rVB3	10846	14302	0.45%	0.028%
44	15.263	2081	2087	2104	rVV	1238984	1789183	56.19%	3.453%
45	15.404	2106	2111	2124	rBV	207615	362760	11.39%	0.700%
46	15.504	2124	2128	2132	rVB	13144	20390	0.64%	0.039%
47	15.810	2176	2180	2189	rBV4	9430	24429	0.77%	0.047%
48	15.886	2191	2193	2198	rVB4	4873	6980	0.22%	0.013%
49	15.975	2204	2208	2215	rBV4	5145	7888	0.25%	0.015%
50	16.057	2218	2222	2225	rVB3	5546	5823	0.18%	0.011%
51	16.163	2233	2240	2244	rBV4	4584	8775	0.28%	0.017%
52	16.369	2272	2275	2280	rBV2	14194	20171	0.63%	0.039%
53	16.422	2280	2284	2291	rBV5	14793	29417	0.92%	0.057%
54	16.775	2339	2344	2347	rVV5	5629	9953	0.31%	0.019%
55	16.816	2347	2351	2356	rVB6	7763	13811	0.43%	0.027%
56	16.927	2366	2370	2375	rBV5	4452	7797	0.24%	0.015%
57	17.022	2380	2386	2397	rBV	1542548	2115253	66.43%	4.083%
58	17.122	2397	2403	2414	rBV	1357939	1973670	61.98%	3.809%
59	17.357	2439	2443	2448	rVV5	8768	15181	0.48%	0.029%
60	17.422	2450	2454	2455	rVV3	5927	8155	0.26%	0.016%
61	17.445	2455	2458	2460	rVV4	6576	10602	0.33%	0.020%
62	17.474	2460	2463	2469	rVV5	16220	26807	0.84%	0.052%
63	17.639	2486	2491	2495	rBV2	29614	41533	1.30%	0.080%
64	17.739	2504	2508	2514	rVV	61574	86005	2.70%	0.166%
65	17.810	2514	2520	2523	rVB5	6119	12376	0.39%	0.024%
66	17.916	2533	2538	2545	rBV	299505	472819	14.85%	0.913%
67	17.974	2545	2548	2556	rVV	80330	132861	4.17%	0.256%
68	18.051	2557	2561	2567	rVB5	21271	39461	1.24%	0.076%
69	18.133	2572	2575	2580	rVV5	17361	34876	1.10%	0.067%
70	18.416	2615	2623	2627	rVV5	22934	57181	1.80%	0.110%
71	18.474	2628	2633	2643	rVB2	102067	193659	6.08%	0.374%

LSC Area Percent Report

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Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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

72	18.739	2673	2678	2683	rBV2	26031	44413	1.39%	0.086%
73	18.868	2697	2700	2705	rBV	31935	46355	1.46%	0.089%
74	19.086	2733	2737	2750	rVB2	92703	161788	5.08%	0.312%
75	19.204	2753	2757	2770	rBV2	182712	341031	10.71%	0.658%
76	19.427	2789	2795	2805	rBV	1631382	2310054	72.54%	4.459%
77	19.616	2822	2827	2849	rBV2	587831	1471224	46.20%	2.840%
78	19.963	2883	2886	2892	rVB6	25908	32284	1.01%	0.062%
79	20.021	2894	2896	2900	rVB5	16830	21275	0.67%	0.041%
80	20.092	2906	2908	2912	rVB4	16250	16272	0.51%	0.031%
81	20.139	2914	2916	2920	rVV2	16600	19185	0.60%	0.037%
82	20.457	2967	2970	2974	rBV2	35957	41671	1.31%	0.080%
83	20.927	3045	3050	3061	rBV2	367138	760124	23.87%	1.467%
84	21.133	3080	3085	3090	rBV	1124953	1208927	37.96%	2.333%
85	21.227	3095	3101	3111	rBV	2095428	2682110	84.23%	5.177%
86	21.362	3121	3124	3130	rBV2	84414	109501	3.44%	0.211%
87	21.709	3180	3183	3187	rBV2	135845	140954	4.43%	0.272%
88	21.792	3193	3197	3199	rBV	143353	188225	5.91%	0.363%
89	21.821	3199	3202	3211	rVB5	176610	321639	10.10%	0.621%
90	22.245	3270	3274	3279	rBV	200116	270906	8.51%	0.523%
91	22.739	3354	3358	3364	rVB	245747	349269	10.97%	0.674%
92	22.804	3365	3369	3378	rVB3	97849	210632	6.61%	0.407%
93	23.298	3447	3453	3465	rVB2	1573883	2836050	89.06%	5.474%
94	23.439	3471	3477	3489	rVB2	1411095	2710707	85.13%	5.232%
95	23.927	3556	3560	3567	rVB	197978	358384	11.25%	0.692%
96	24.033	3573	3578	3586	rBV2	151290	333387	10.47%	0.643%
97	24.692	3680	3690	3693	rBV2	1214808	2854319	89.64%	5.509%
98	24.733	3694	3697	3702	rVB	1337613	2196089	68.96%	4.239%
99	24.798	3702	3708	3711	rBV	884426	1841498	57.83%	3.554%
100	26.968	4068	4077	4099	rVB3	846339	3184367	100.00%	6.146%

Sum of corrected areas: 51811124

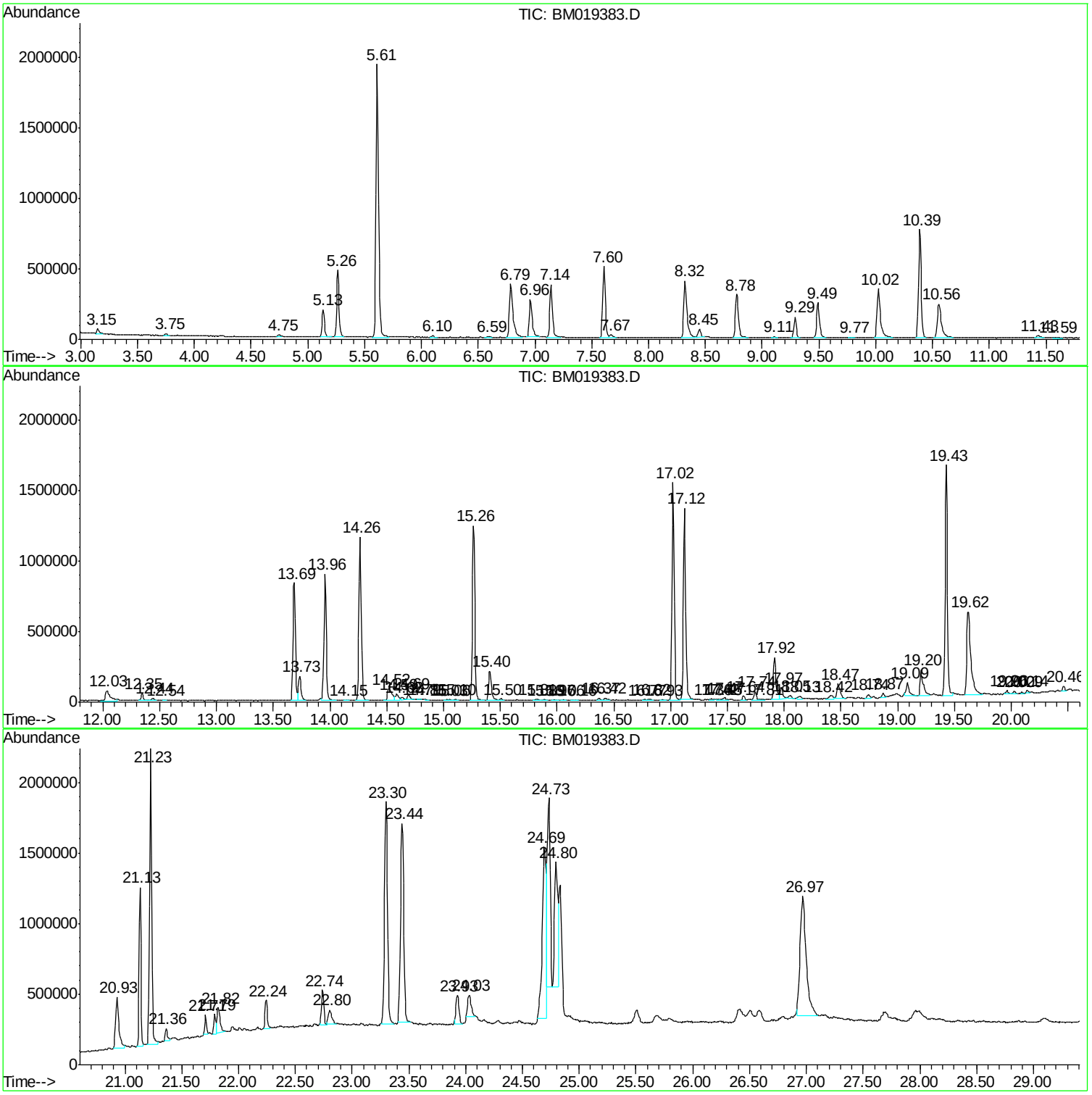
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019383.D
Acq On : 24 Mar 2019 09:47
Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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\BM032319\
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Quant Title : SVOA CALIBRATION

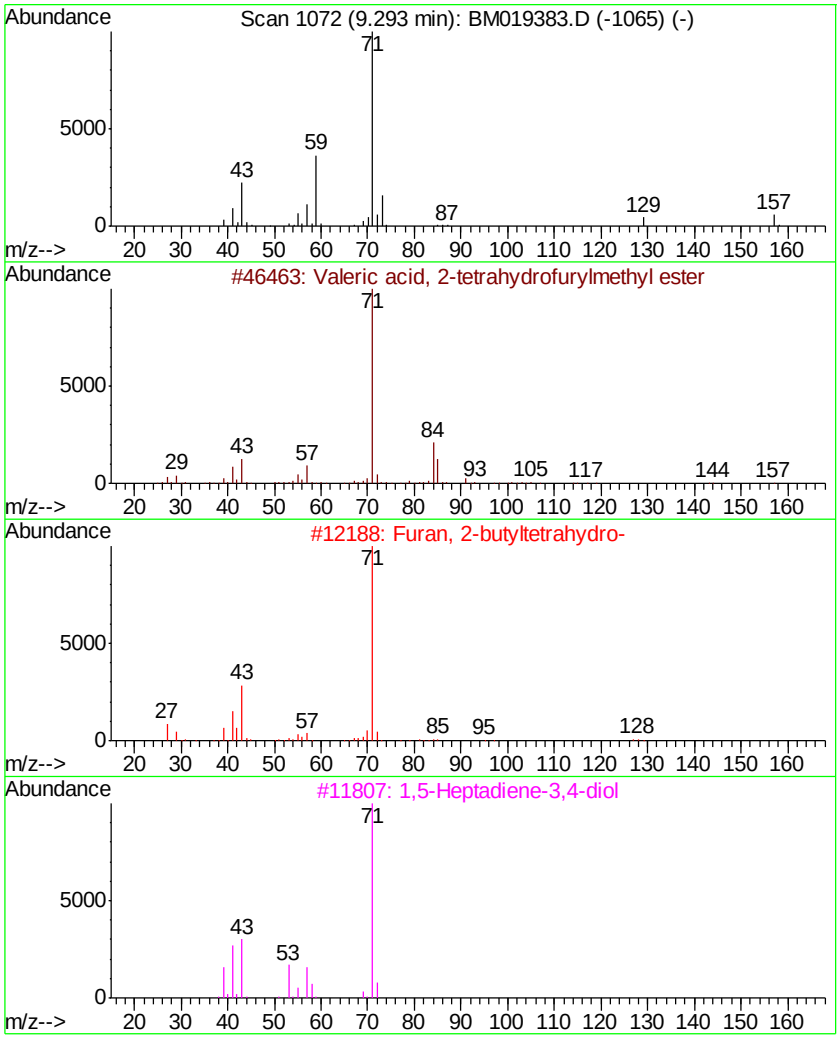
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

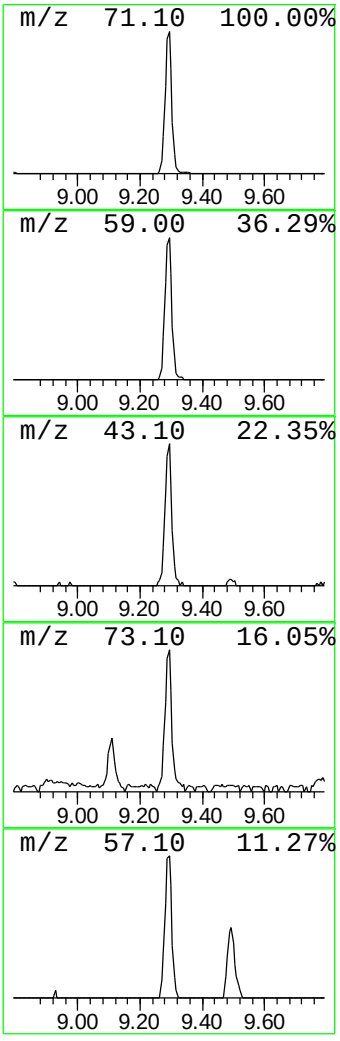
****

Peak Number 4 Valeric acid, 2-tetrahydrof... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.50 ng/ul	223399	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	53
2	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	40
3	1,5-Heptadiene-3,4-diol	128	C7H12O2	051945-98-3	40
4	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	40
5	Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019383.D
Acq On : 24 Mar 2019 09:47
Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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

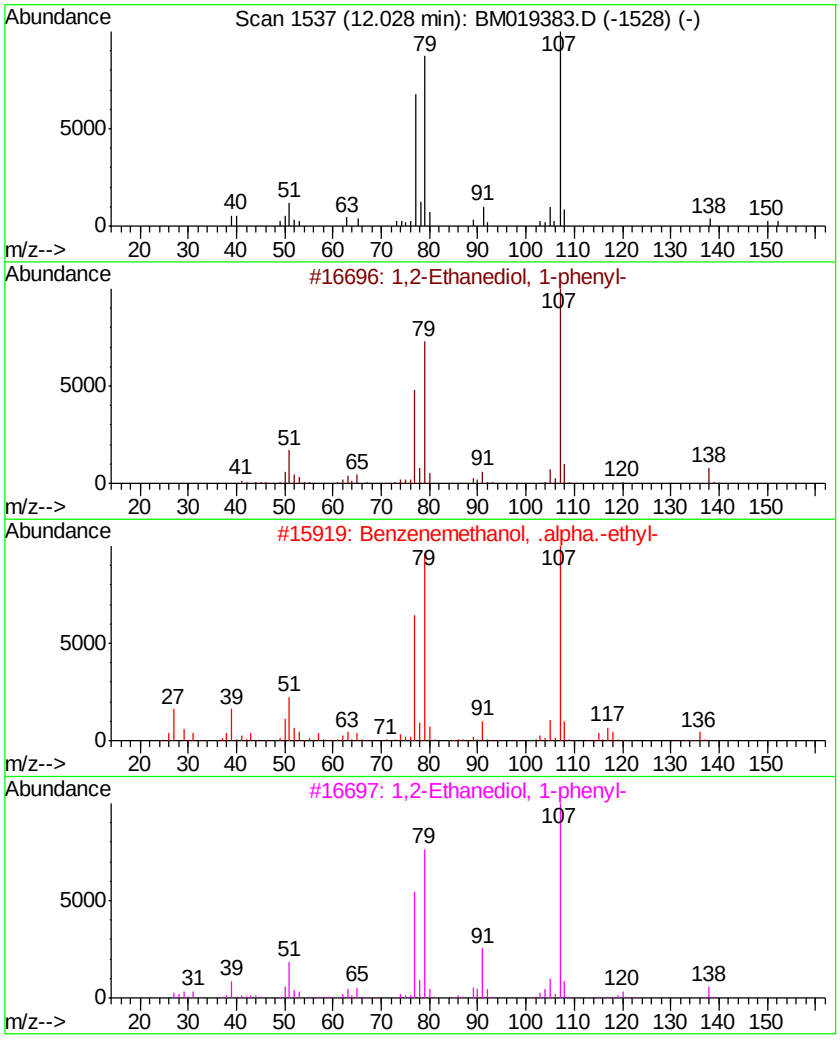
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

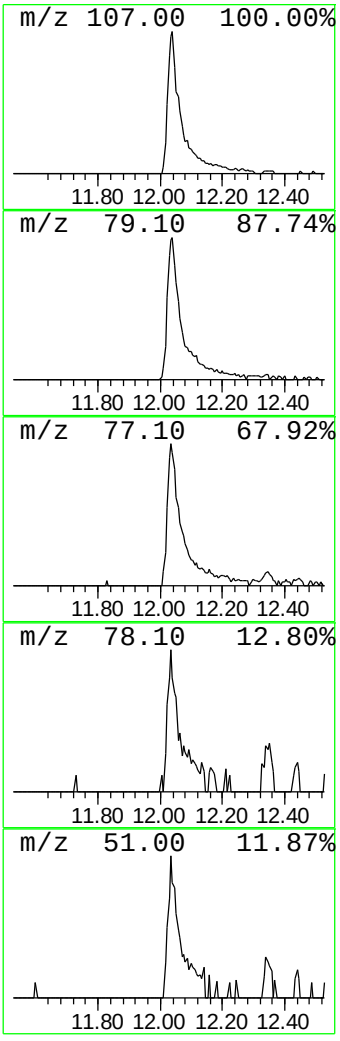
****

Peak Number 5 1,2-Ethanediol, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.38 ng/ul	215870	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	83
2	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	83
3	1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	78
4	2-Chloro-5,5-dimethyl-1-phenyl-3...	236	C14H17ClO	212687-74-6	78
5	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	72





Library Search Compound Report

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

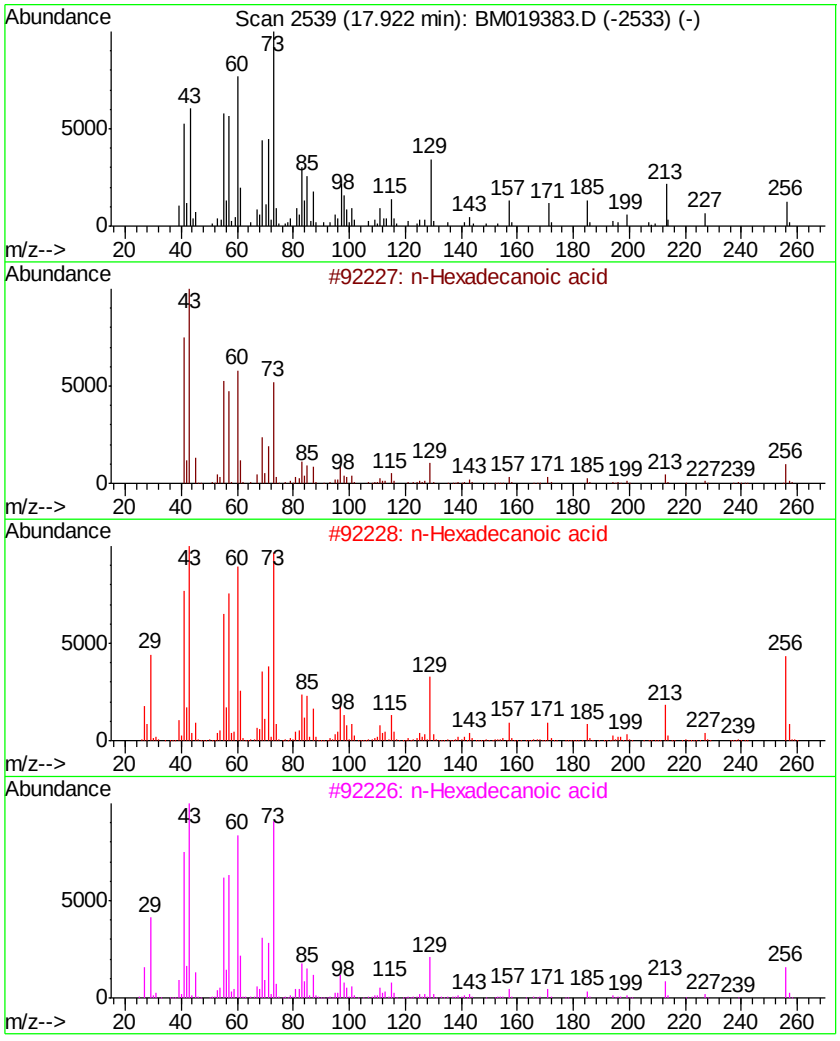
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

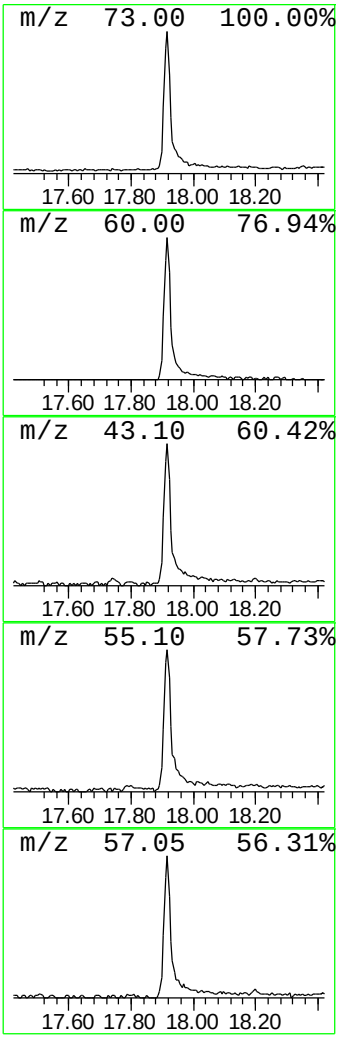
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.47 ng/ul	472819	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Tritetracontane	605	C43H88	007098-21-7	14





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Acq On : 24 Mar 2019 09:47
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Instrument : BNA_M
ClientSampleId : BF5S9

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

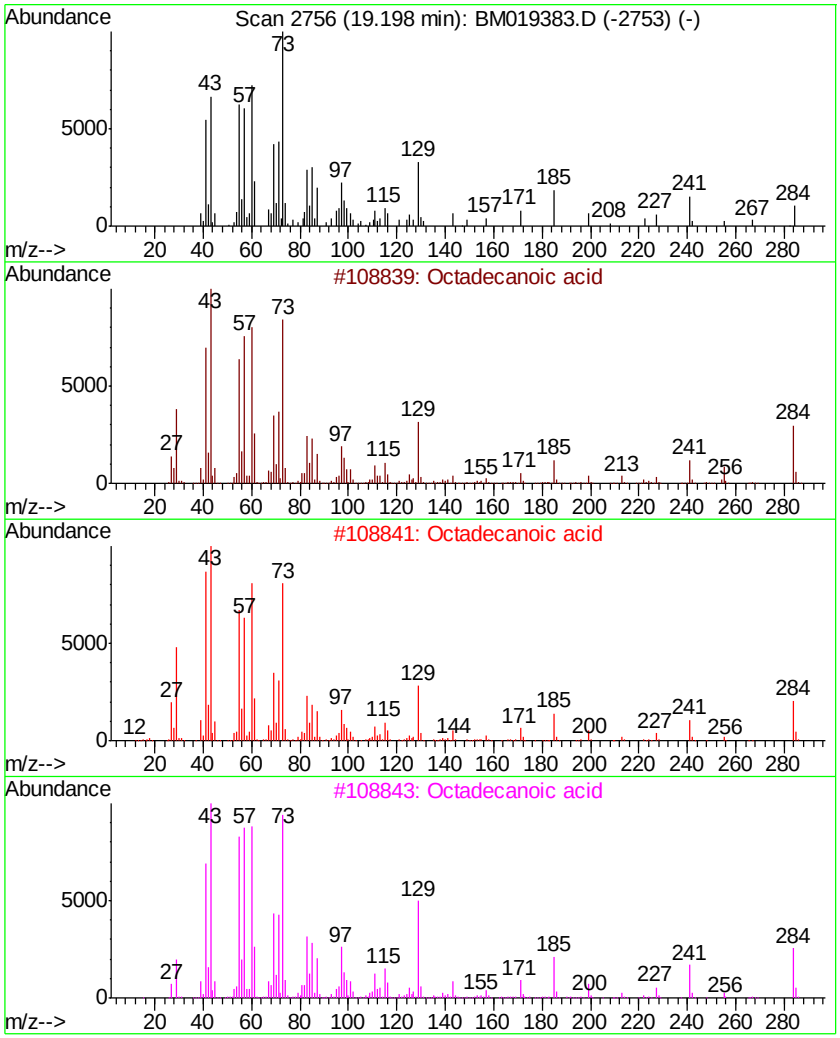
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

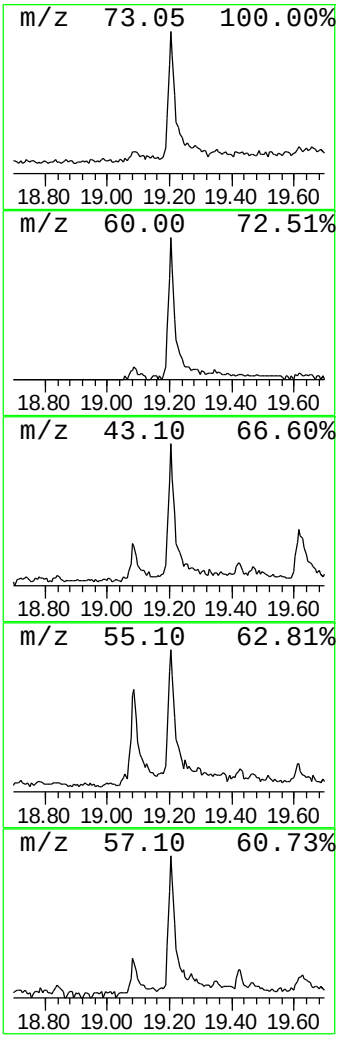
****

Peak Number 7 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.54 ng/ul	341031	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	74
4	Octadecanoic acid	284	C18H36O2	000057-11-4	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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

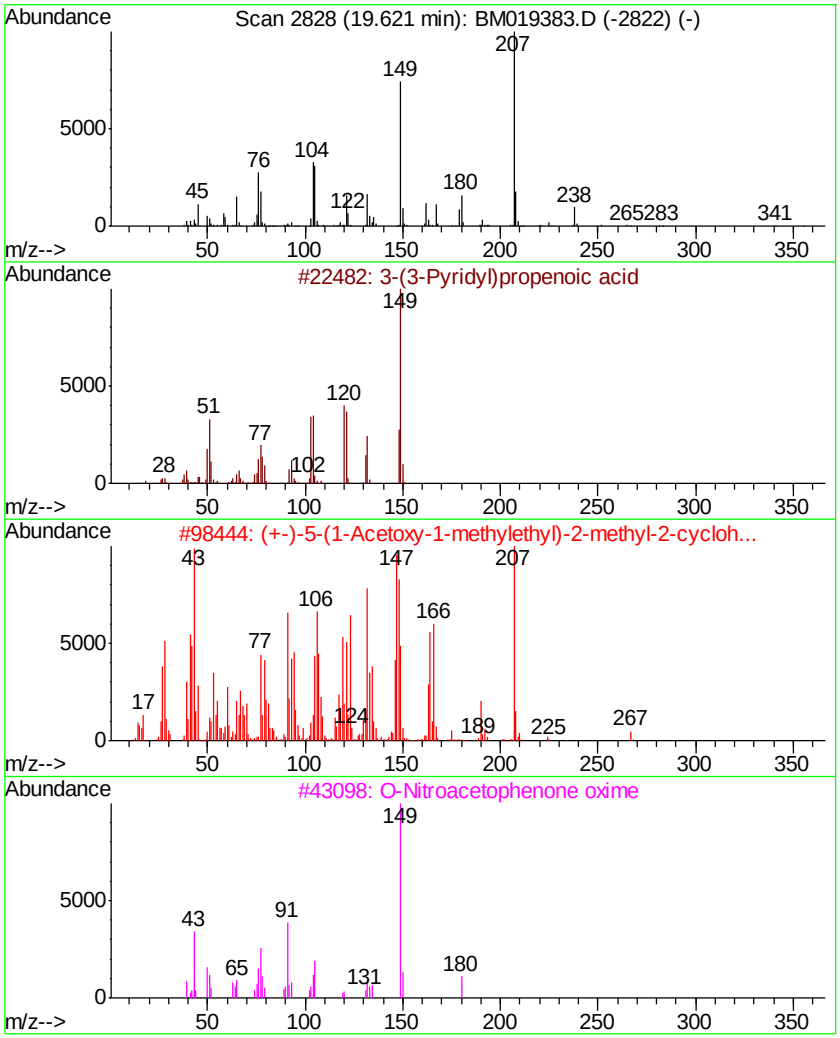
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

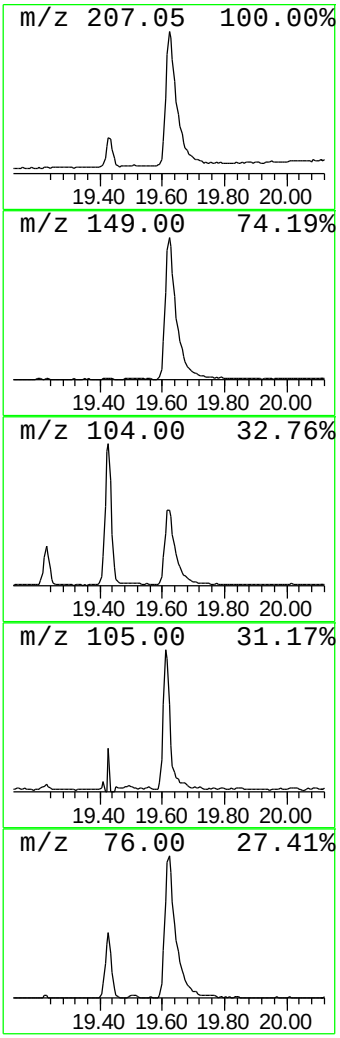
****

Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	10.97 ng/ul	1471220	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3-Pyridyl)propenoic acid	149	C8H7NO2	001126-74-5	38
2	(+-)-5-(1-Acetoxy-1-methylethyl)...	267	C13H21N3O3	108904-53-6	30
3	O-Nitroacetophenone oxime	180	C8H8N2O3	010342-62-8	27
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	22
5	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	22





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Acq On : 24 Mar 2019 09:47
Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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Quant Title : SVOA CALIBRATION

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

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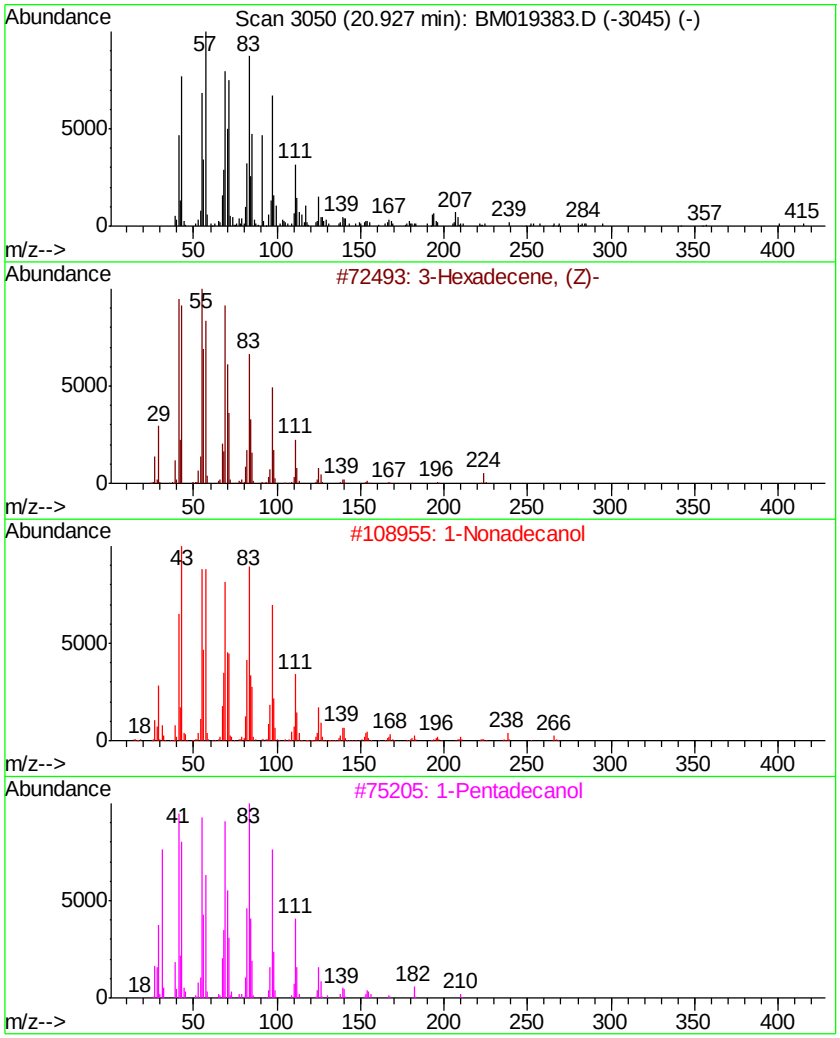
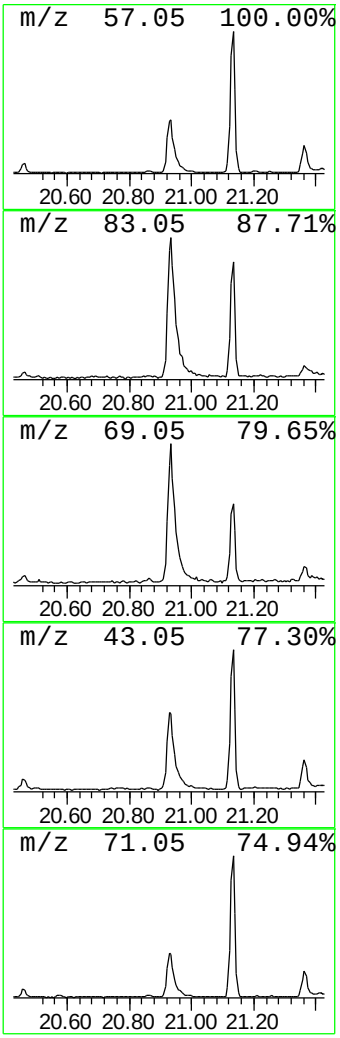
Peak Number 9 (DEL) Alkane: Cyclic20.93 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.67 ng/ul	760124	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	83
2	1-Nonadecanol	284	C19H40O	001454-84-8	76
3	1-Pentadecanol	228	C15H32O	000629-76-5	76
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	74
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74





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Instrument : BNA_M
ClientSampleId : BF5S9

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Quant Title : SVOA CALIBRATION

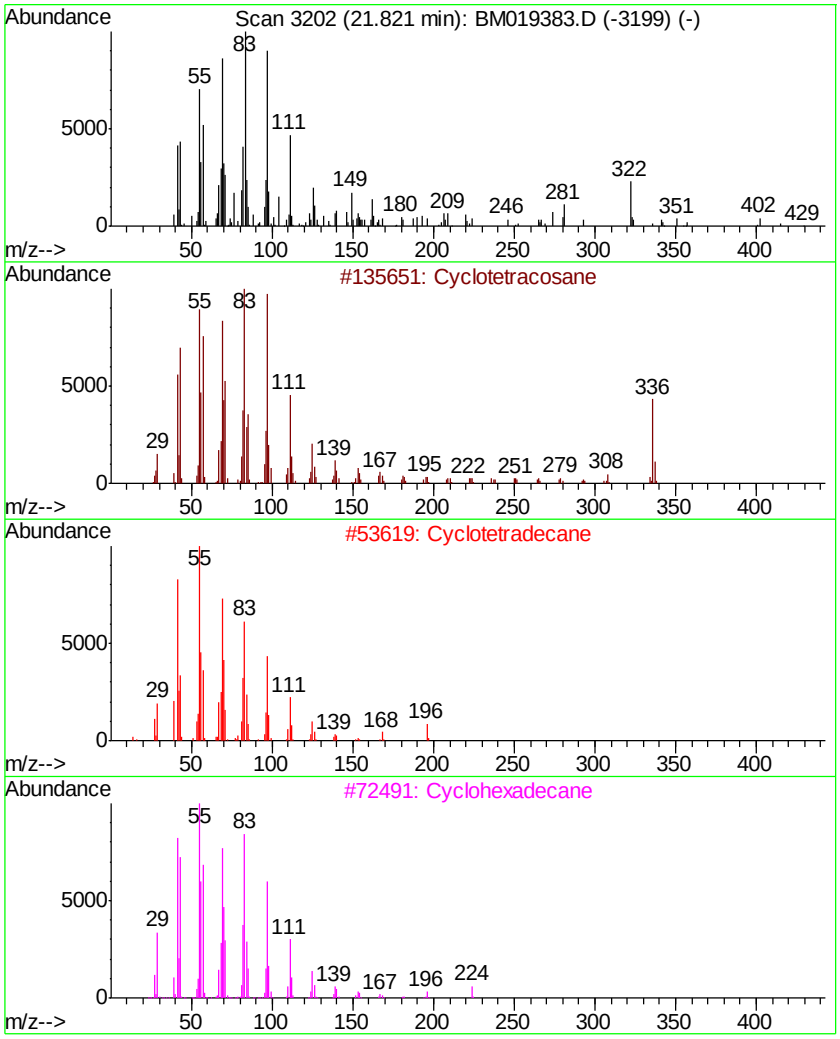
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

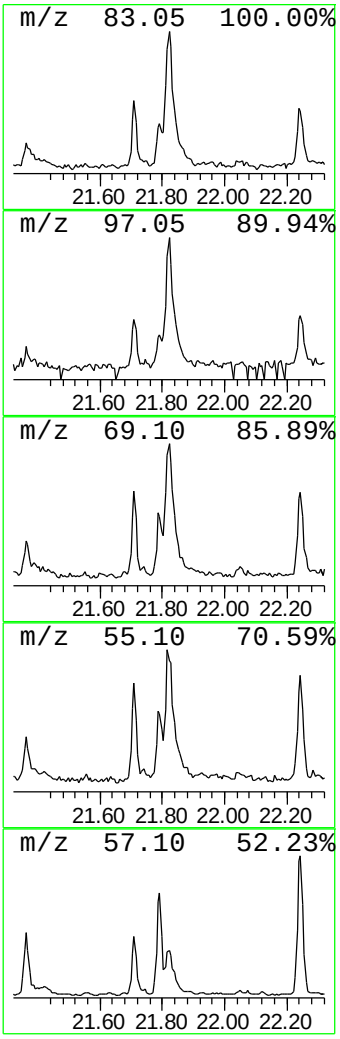
****

Peak Number 10 (DEL) Alkane: Cyclic21.82 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	2.40 ng/ul	321639	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Cyclotetradecane	196	C14H28	000295-17-0	83
3	Cyclohexadecane	224	C16H32	000295-65-8	83
4	Cyclododecane	168	C12H24	000294-62-2	80
5	Cycloeicosane	280	C20H40	000296-56-0	78





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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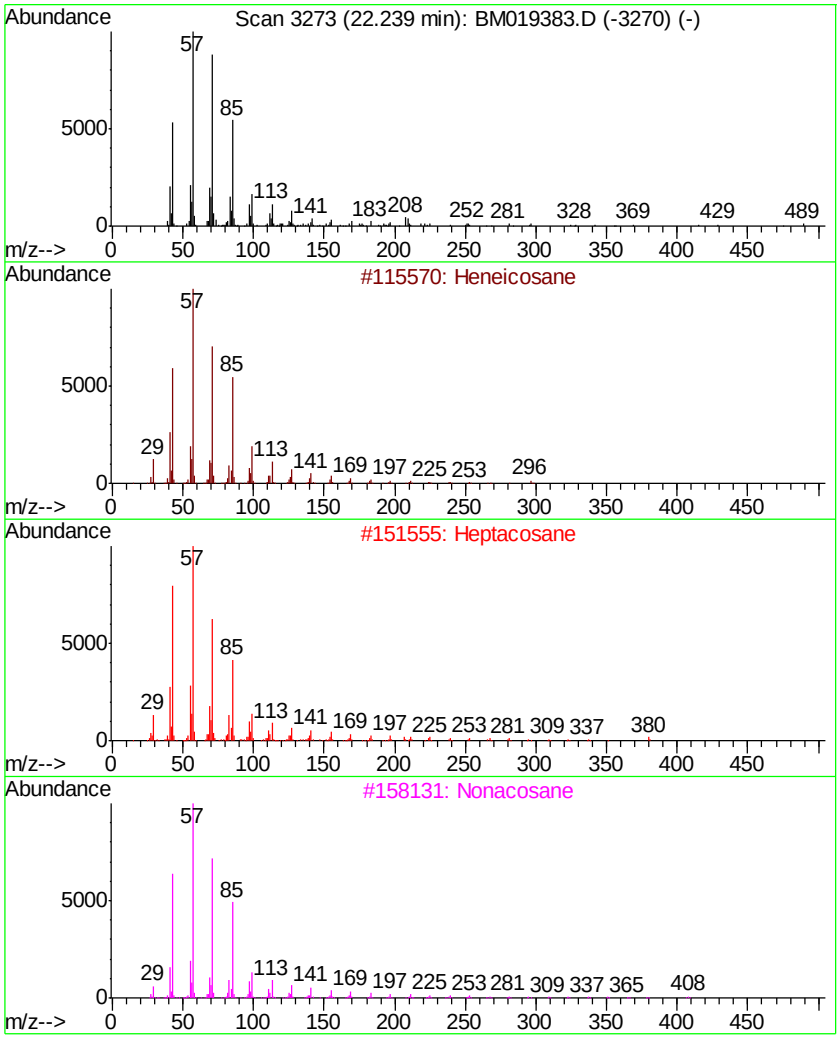
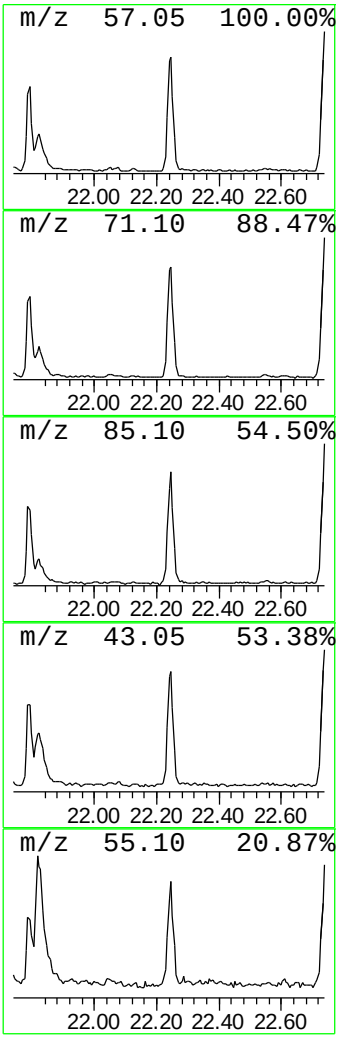
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.02 ng/ul	270906	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Quant Title : SVOA CALIBRATION

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

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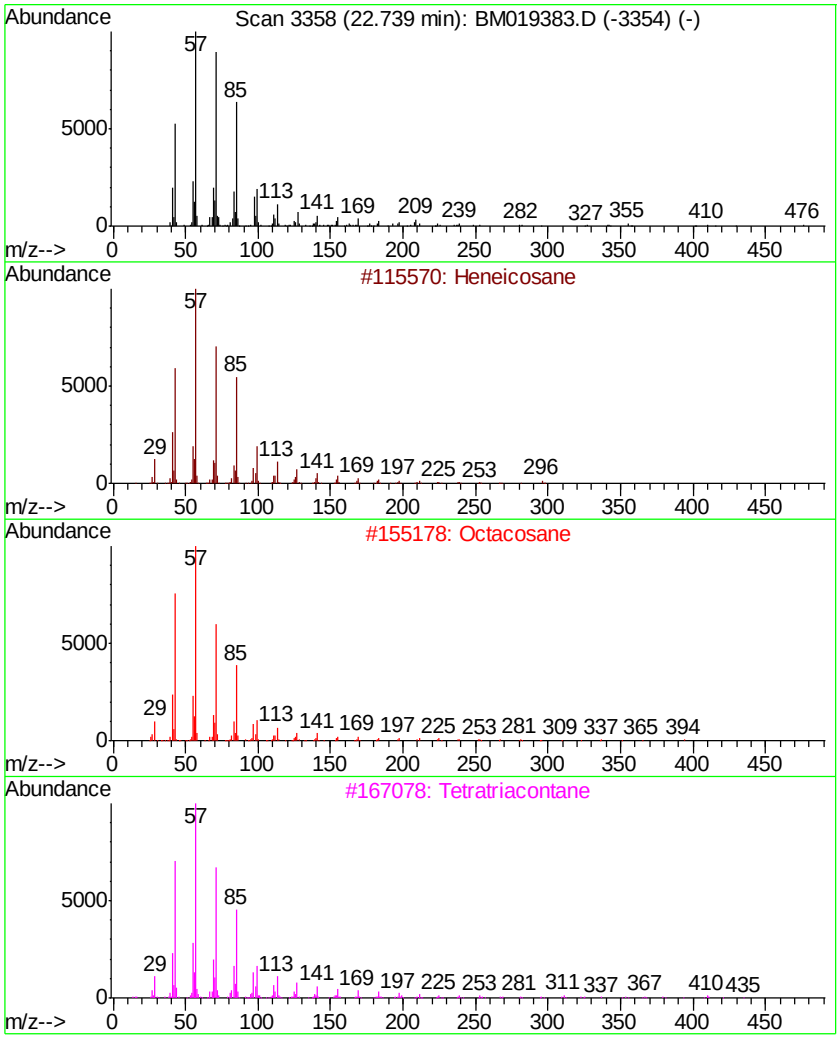
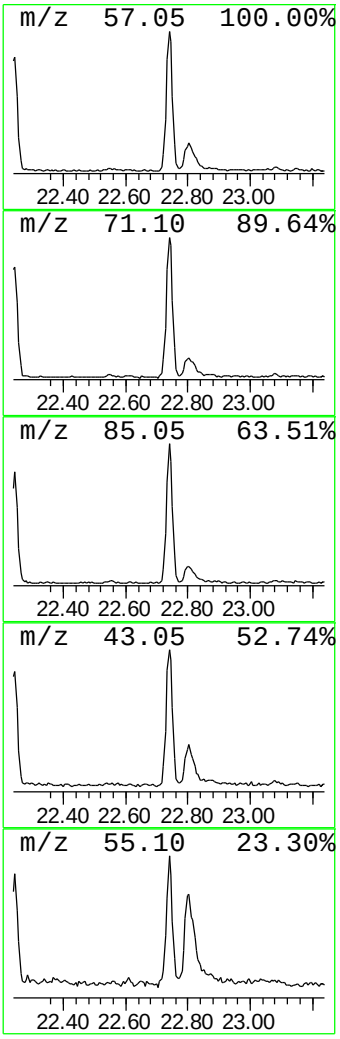
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.58 ng/ul	349269	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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Quant Title : SVOA CALIBRATION

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

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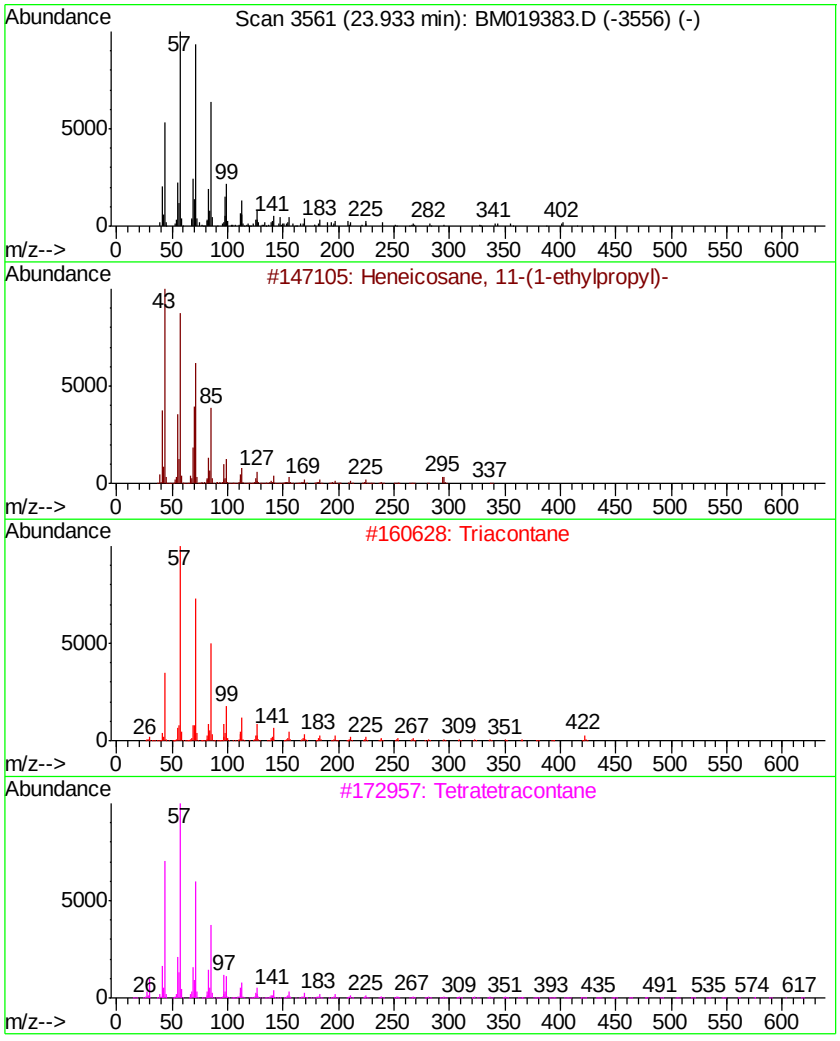
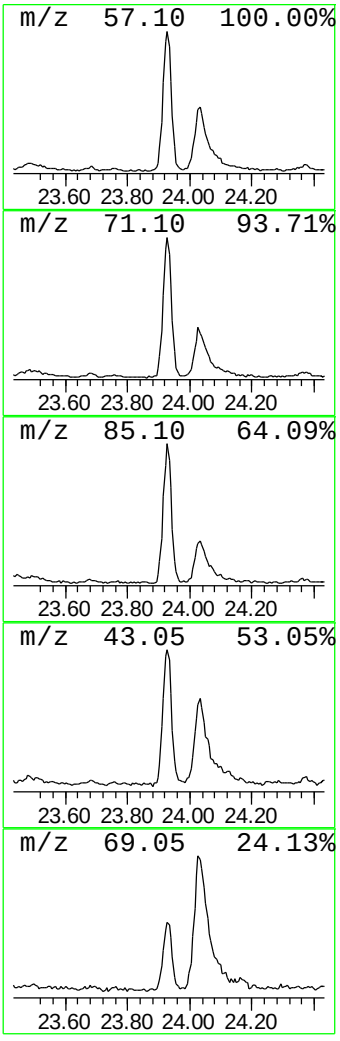
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.64 ng/ul	358384	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Triacontane	422	C30H62	000638-68-6	83
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexadecane	226	C16H34	000544-76-3	81





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Instrument : BNA_M
ClientSampleId : BF5S9

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Quant Title : SVOA CALIBRATION

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

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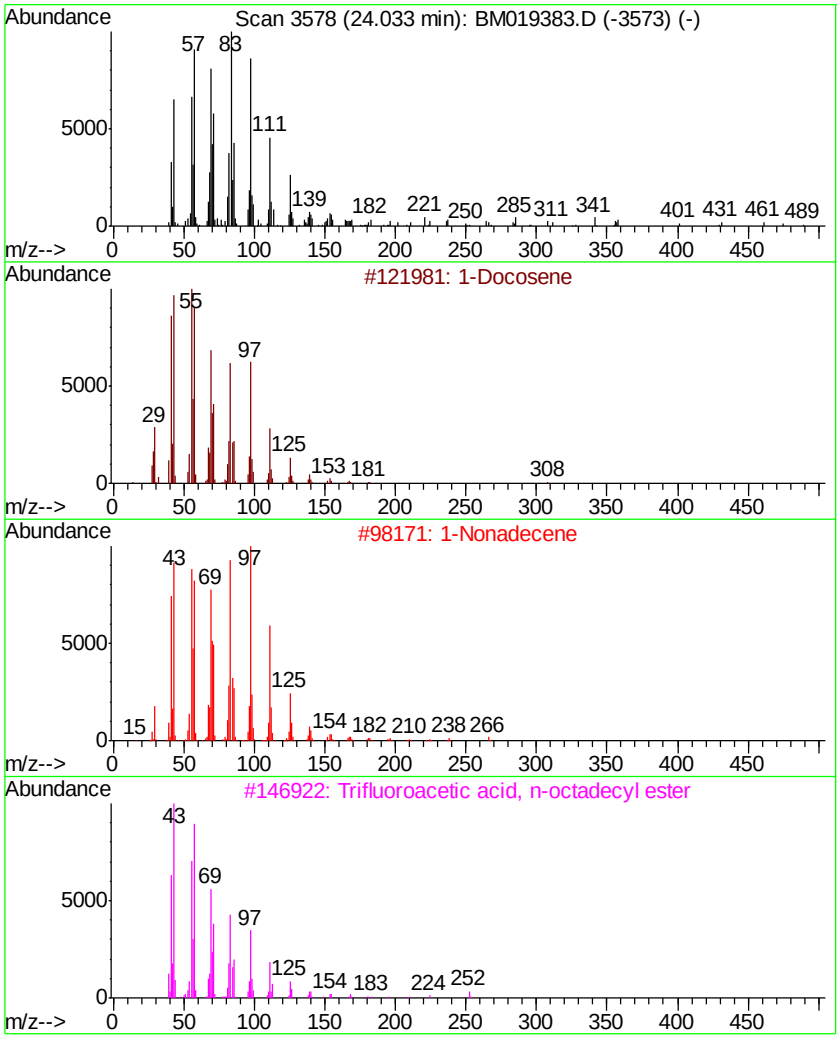
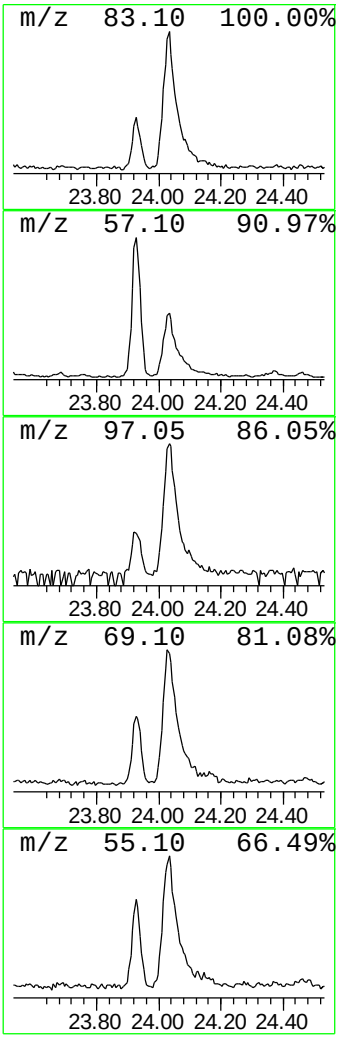
Peak Number 14 (DEL) Alkane: Cyclic24.03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.46 ng/ul	333387	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	1-Nonadecene	266	C19H38	018435-45-5	92
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81





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Instrument : BNA_M
ClientSampleId : BF5S9

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Quant Title : SVOA CALIBRATION

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

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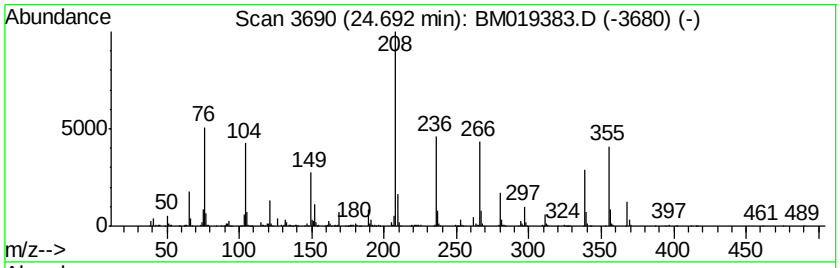
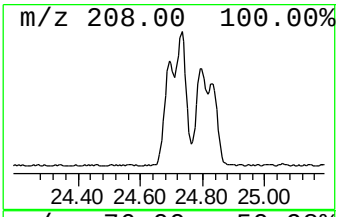
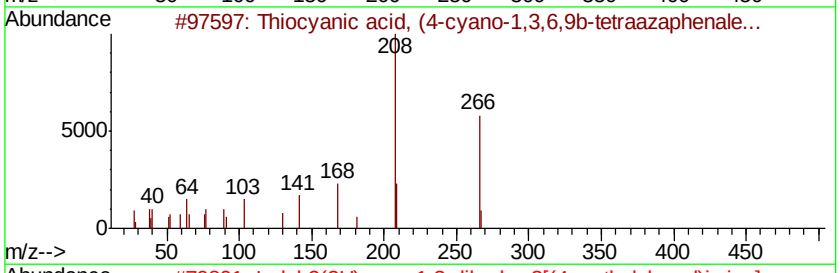
Peak Number 15 unknown-02 Concentration Rank 3

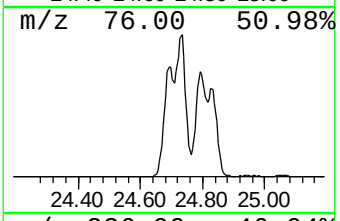
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	21.06 ng/ul	2854320	Perylene-d12	23.44

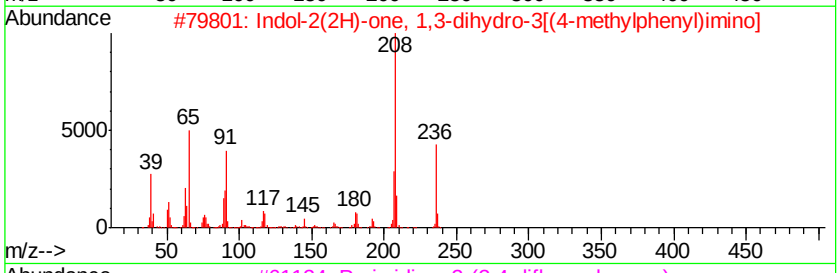
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocyanic acid, (4-cyano-1,3,6,...	266	C12H6N6S	051080-11-6	12
2	Indol-2(2H)-one, 1,3-dihydro-3[(...	236	C15H12N2O	042407-86-3	12
3	Pyrimidine, 2-(2,4-difluoropheno...	208	C10H6F2N2O	1000260-37-2	11
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	11
5	Pyrene, 1,2,3,6,7,8-hexahydro-	208	C16H16	001732-13-4	10

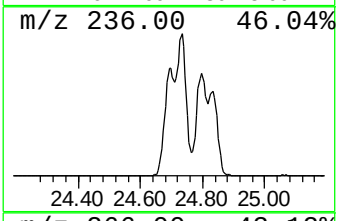


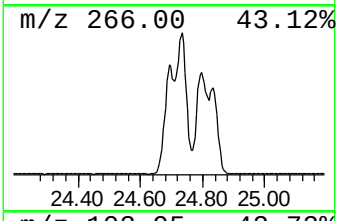


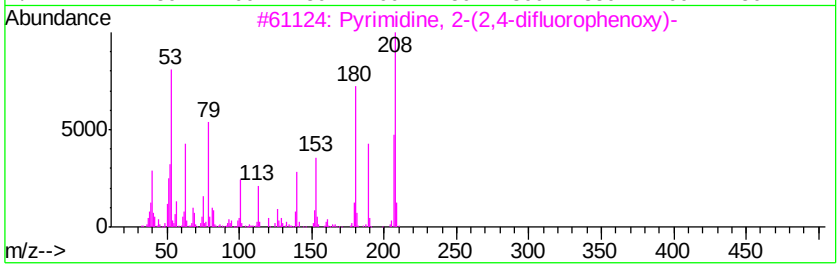


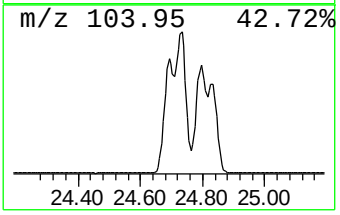












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Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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Quant Title : SVOA CALIBRATION

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

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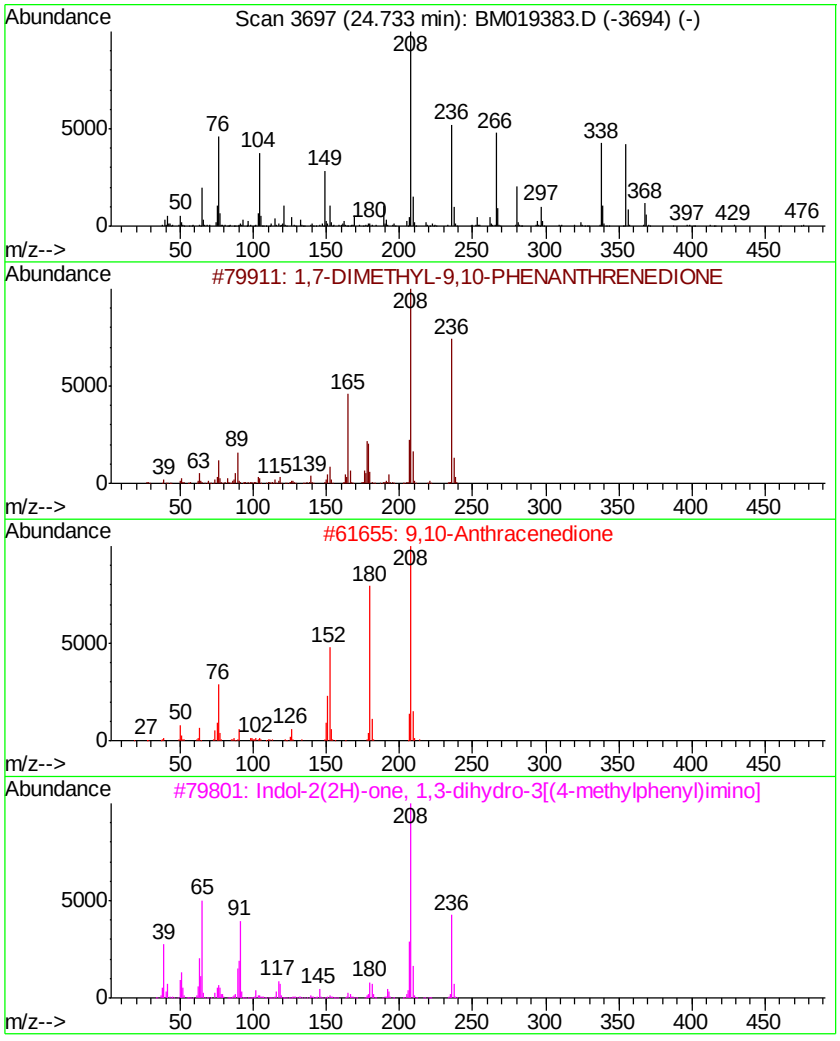
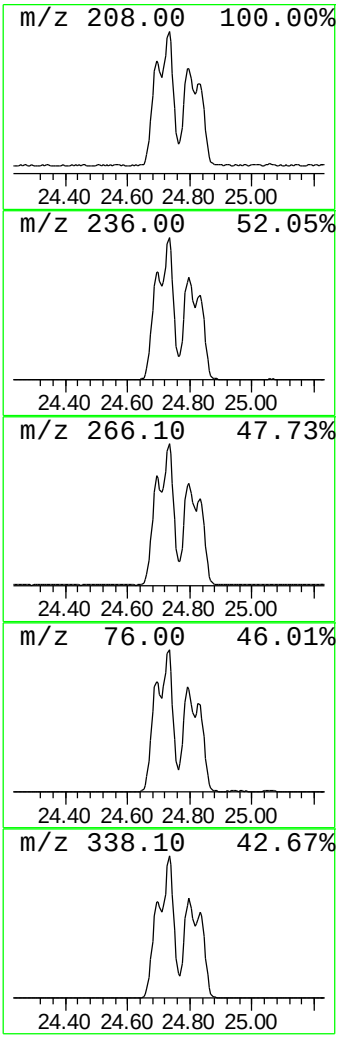
Peak Number 16 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	16.20 ng/ul	2196090	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-DIMETHYL-9,10-PHENANTHRENEDIONE	236	C16H12O2	1000243-80-6	25
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	25
3	Indol-2(2H)-one, 1,3-dihydro-3[(...	236	C15H12N2O	042407-86-3	22
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	11
5	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	10





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Quant Title : SVOA CALIBRATION

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

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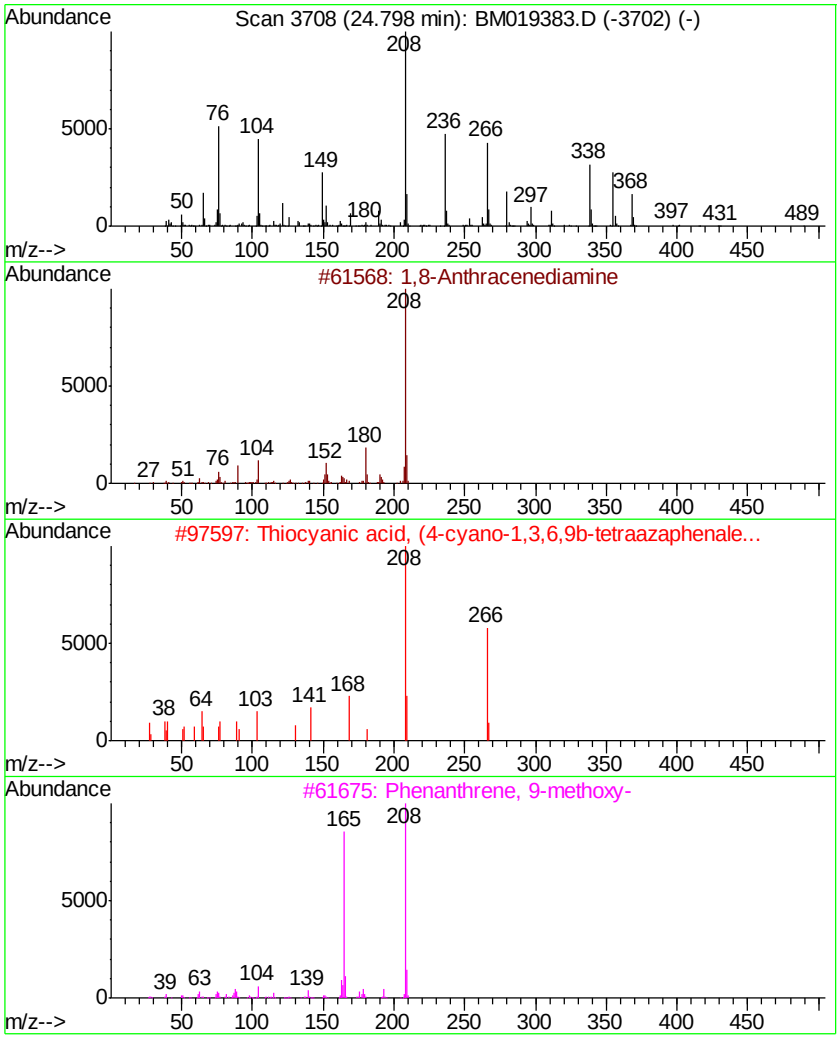
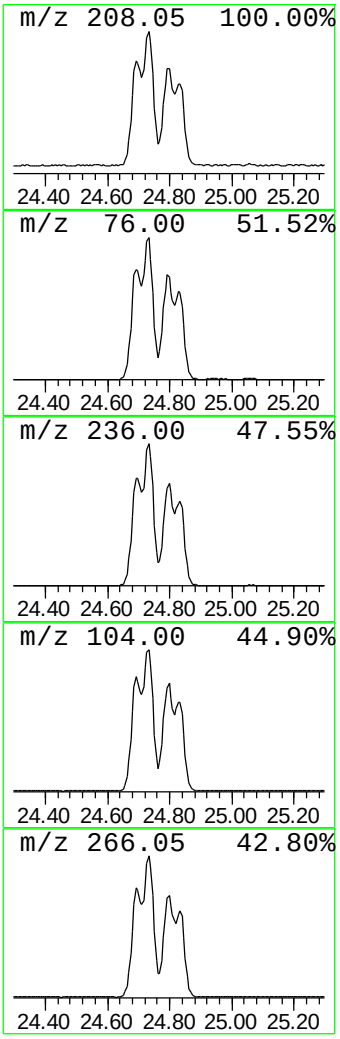
Peak Number 17 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	13.59 ng/ul	1841500	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	22
2	Thiocyanic acid, (4-cyano-1,3,6,...	266	C12H6N6S	051080-11-6	16
3	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	14
4	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	14
5	Indol-2(2H)-one, 1,3-dihydro-3[(...	236	C15H12N2O	042407-86-3	12





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Quant Title : SVOA CALIBRATION

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

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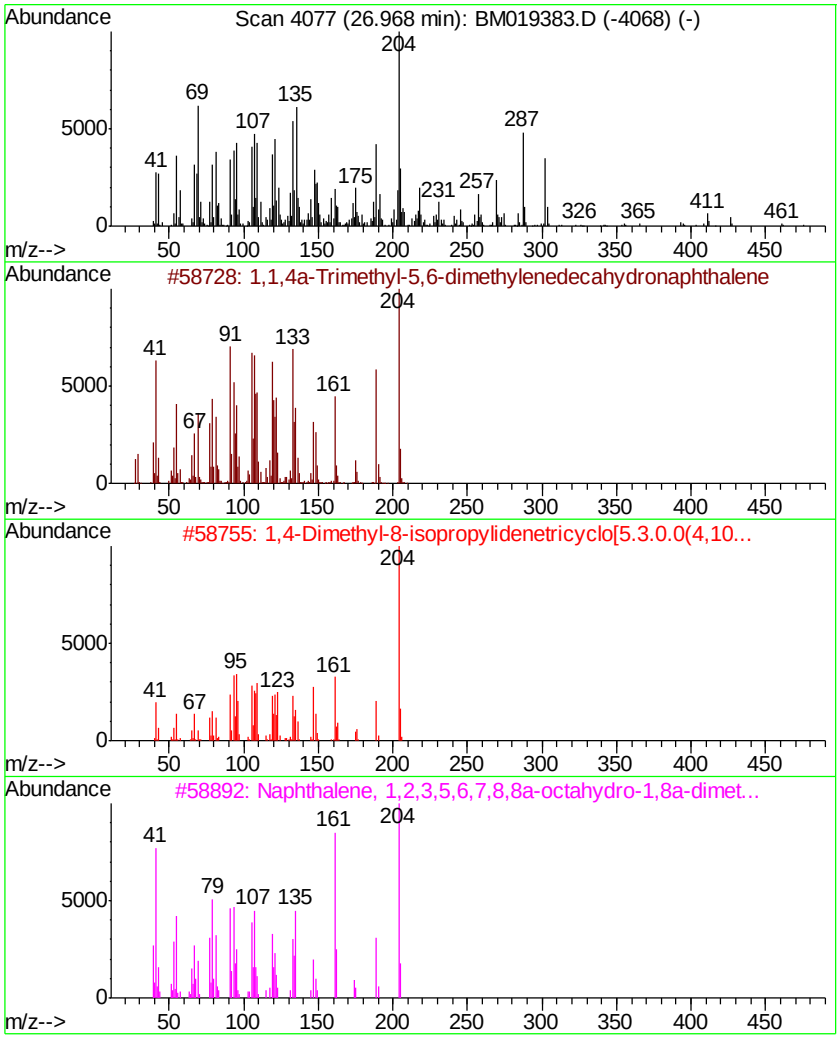
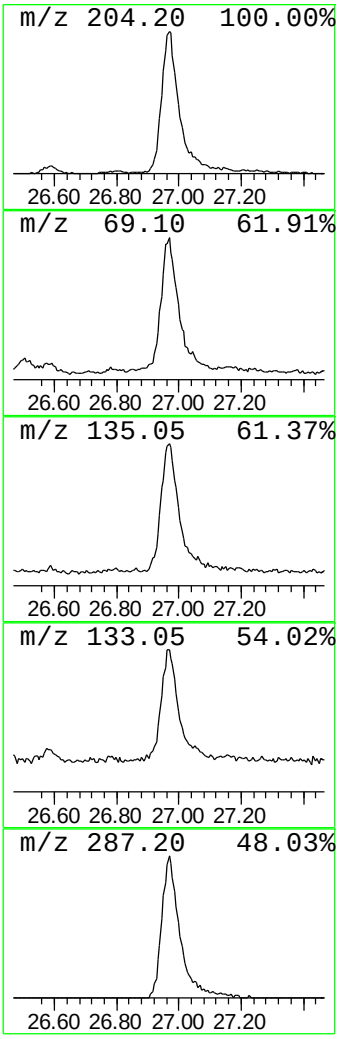
Peak Number 18 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.97	23.49 ng/ul	3184370	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	68
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	47
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	46
4	Guaia-3,9-diene	204	C15H24	000489-83-8	46
5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
Data File : BM019383.D
Acq On : 24 Mar 2019 09:47
Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Valeric acid, 2-t...	9.29	3.5	ng/ul	223399	2	10.39	1276910	20.0
1,2-Ethanediol, 1...	12.03	3.4	ng/ul	215870	2	10.39	1276910	20.0
n-Hexadecanoic acid	17.92	4.5	ng/ul	472819	4	17.02	2115250	20.0
Octadecanoic acid	19.20	2.5	ng/ul	341031	5	21.23	2682110	20.0
unknown-01	19.62	11.0	ng/ul	1471220	5	21.23	2682110	20.0
(DEL) Alkane: Cyc...	20.93	5.7	ng/ul	760124	5	21.23	2682110	20.0
(DEL) Alkane: Cyc...	21.82	2.4	ng/ul	321639	5	21.23	2682110	20.0
(DEL) Alkane: Str...	22.24	2.0	ng/ul	270906	5	21.23	2682110	20.0
(DEL) Alkane: Str...	22.74	2.6	ng/ul	349269	6	23.44	2710710	20.0
(DEL) Alkane: Str...	23.93	2.6	ng/ul	358384	6	23.44	2710710	20.0
(DEL) Alkane: Cyc...	24.03	2.5	ng/ul	333387	6	23.44	2710710	20.0
unknown-02	24.69	21.1	ng/ul	2854320	6	23.44	2710710	20.0
unknown-03	24.73	16.2	ng/ul	2196090	6	23.44	2710710	20.0
unknown-04	24.80	13.6	ng/ul	1841500	6	23.44	2710710	20.0
1,1,4a-Trimethyl-...	26.97	23.5	ng/ul	3184370	6	23.44	2710710	20.0