LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

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-BM111918MA.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	3.152	25	28	34	rVB	26233	32780	1.32%	0.085%
2	3.752	126	130	135	rVB	25524	36602	1.47%	0.095%
3	3.946	160	163	168	rBV2	24998	34436	1.38%	0.090%
4	4.734	287	297	304	rBV2	374175	571577	22.98%	1.488%
5	4.799	304	308	312	rVV3	20503	32156	1.29%	0.084%
6	5.975	498	508	515	rVB4	23939	52678	2.12%	0.137%
7	6.116	525	532	537	rBV	43108	68343	2.75%	0.178%
8	6.222	543	550	556	rVV	52797	97248	3.91%	0.253%
9	6.428	580	585	595	rBV4	13838	35615	1.43%	0.093%
10	6.681	623	628	632	rVV3	50018	76844	3.09%	0.200%
11	6.740	632	638	651	rVV2	452662	935779	37.62%	2.437%
12	6.898	660	665	673	rVV	386651	632056	25.41%	1.646%
13	7.028	683	687	691	rVV4	20030	36048	1.45%	0.094%
14	7.087	691	697	709	rVB	565116	926671	37.25%	2.413%
15	7.457	750	760	763	rBV6	20590	57511	2.31%	0.150%
16	7.510	763	769	771	rVV2	102363	165405	6.65%	0.431%
17	7.545	771	775	782	rVV	562847	905675	36.41%	2.359%
18	7.604	782	785	790	rVB6	20128	32676	1.31%	0.085%
19	7.716	790	804	808	rBV7	40100	100118	4.02%	0.261%
20	7.787	812	816	823	rVB3	30135	52294	2.10%	0.136%
21	7.875	823	831	837	rVB8	26079	44222	1.78%	0.115%
22	7.963	842	846	854	rVB5	20337	42417	1.71%	0.110%
23	8.081	861	866	873	rVB2	47834	83007	3.34%	0.216%
24	8.263	885	897	908	rBV	557212	1040390	41.83%	2.709%
25	8.351	908	912	915	rBV2	27930	38667	1.55%	0.101%
26	8.622	949	958	966	rVV6	61902	173996	7.00%	0.453%
27	8.704	966	972	980	rBV	466954	798417	32.10%	2.079%
28	8.834	989	994	996	rBV3	44719	70156	2.82%	0.183%
29	8.863	997	999	1006	rVB3	50299	88498	3.56%	0.230%
30	8.951	1006	1014	1015	rBV7	21328	39692	1.60%	0.103%
31	9.092	1033	1038	1045	rVV9	22519	54087	2.17%	0.141%
32	9.163	1045	1050	1055	rVB	72953	107872	4.34%	0.281%
33	9.228	1055	1061	1066	rBV3	80580	134209	5.40%	0.350%
34	9.416	1085	1093	1100	rBV	404380	726628	29.21%	1.892%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

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-BM111918MA.M
Title : SVOA CALIBRATION

35	9.487	1100	1105	1111	rVB3	112684	190806	7.67%	0.497%
36	9.657	1125	1134	1139	rBV10	20669	58917	2.37%	0.153%
37	9.757	1147	1151	1155	rVB5	24195	43997	1.77%	0.115%
38	9.898	1168	1175	1178	rBV4	37647	77784	3.13%	0.203%
39	9.951	1178	1184	1195	rBV	510093	927173	37.27%	2.415%
40	10.092	1203	1208	1212	rVB5	30600	48268	1.94%	0.126%
41	10.163	1216	1220	1224	rBV5	27118	38121	1.53%	0.099%
42	10.269	1232	1238	1240	rBV7	47103	80313	3.23%	0.209%
43	10.316	1240	1246	1253	rVB	773415	1284816	51.65%	3.346%
44	10.375	1254	1256	1261	rVB4	29493	37453	1.51%	0.098%
45	10.469	1267	1272	1281	rBV	540117	980510	39.42%	2.553%
46	10.592	1289	1293	1300	rVB8	46467	89413	3.59%	0.233%
47	10.704	1305	1312	1316	rBV9	34939	71795	2.89%	0.187%
48	10.786	1322	1326	1332	rVV2	76747	124109	4.99%	0.323%
49	10.863	1336	1339	1344	rVB5	24852	36427	1.46%	0.095%
50	10.969	1352	1357	1366	rBV8	70975	149254	6.00%	0.389%
51	11.139	1382	1386	1392	rBV7	26086	54737	2.20%	0.143%
52	11.333	1414	1419	1427	rVV2	124217	266391	10.71%	0.694%
53	11.486	1438	1445	1449	rBV4	41925	81218	3.27%	0.212%
54	11.586	1456	1462	1466	rBV2	85949	139634	5.61%	0.364%
55	11.663	1473	1475	1480	rVB5	38062	46614	1.87%	0.121%
56	11.728	1480	1486	1487	rBV2	32804	57350	2.31%	0.149%
57	11.863	1504	1509	1516	rVV3	104255	232792	9.36%	0.606%
58	11.963	1516	1526	1534	rVB6	92504	297999	11.98%	0.776%
59	12.039	1535	1539	1542	rBV5	27175	51778	2.08%	0.135%
60	12.233	1569	1572	1578	rVB7	36711	54916	2.21%	0.143%
61	12.445	1605	1608	1615	rVB4	68338	124352	5.00%	0.324%
62	12.516	1615	1620	1626	rBV8	29928	59939	2.41%	0.156%
63	12.598	1632	1634	1641	rVB7	38157	65514	2.63%	0.171%
64	12.716	1649	1654	1658	rVB2	141293	217032	8.73%	0.565%
65	12.845	1672	1676	1681	rBV5	24377	51001	2.05%	0.133%
66	12.980	1695	1699	1704	rBV3	95767	137864	5.54%	0.359%
67	13.033	1704	1708	1711	rVV2	70360	94347	3.79%	0.246%
68	13.104	1716	1720	1723	rVV3	52079	66628	2.68%	0.174%
69	13.175	1730	1732	1736	rVB3	57382	60338	2.43%	0.157%
70	13.245	1740	1744	1751	rVB8	45310	94732	3.81%	0.247%
71	13.622	1802	1808	1812	rBV	874511	1273353	51.19%	3.316%

LSC Area Percent Report

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Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

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-BM111918MA.M
Title : SVOA CALIBRATION

72	13.669	1812	1816	1822	rVB2	435677	697363	28.04%	1.816%
73	13.886	1848	1853	1861	rVB	1158154	1665082	66.94%	4.336%
74	14.086	1884	1887	1889	rBV3	25492	31173	1.25%	0.081%
75	14.198	1899	1906	1914	rVB2	1025379	1678706	67.49%	4.372%
76	14.445	1943	1948	1957	rBV3	148847	358254	14.40%	0.933%
77	14.727	1993	1996	2000	rVB2	68117	88667	3.56%	0.231%
78	14.827	2009	2013	2021	rVB6	62522	147134	5.92%	0.383%
79	14.910	2024	2027	2033	rVV8	20399	48464	1.95%	0.126%
80	15.198	2071	2076	2082	rBV	1576285	2317173	93.16%	6.034%
81	15.345	2096	2101	2110	rVB	387720	585511	23.54%	1.525%
82	15.469	2119	2122	2133	rVB2	151110	246046	9.89%	0.641%
83	15.557	2134	2137	2146	rVB2	31169	61087	2.46%	0.159%
84	15.680	2154	2158	2161	rBV6	44041	58458	2.35%	0.152%
85	15.851	2184	2187	2190	rBV5	22222	36887	1.48%	0.096%
86	15.951	2199	2204	2208	rVB	165886	241909	9.73%	0.630%
87	16.298	2260	2263	2267	rBV5	29179	34905	1.40%	0.091%
88	16.774	2340	2344	2353	rVB3	131228	229482	9.23%	0.598%
89	16.957	2369	2375	2383	rBV2	1454029	2106543	84.69%	5.486%
90	17.057	2386	2392	2399	rVB2	1736408	2487404	100.00%	6.478%
91	17.239	2420	2423	2427	rBV5	25464	37858	1.52%	0.099%
92	17.374	2444	2446	2451	rVB5	45001	58652	2.36%	0.153%
93	17.868	2525	2530	2540	rBV	316745	457569	18.40%	1.192%
94	19.162	2746	2750	2757	rBV2	148988	230991	9.29%	0.602%
95	19.309	2772	2775	2778	rBV4	53636	60847	2.45%	0.158%
96	19.362	2778	2784	2791	rVV	1800842	2395849	96.32%	6.239%
97	20.892	3040	3044	3052	rVB	309824	455219	18.30%	1.185%
98	21.168	3086	3091	3100	rBV	1306499	1856832	74.65%	4.836%
99	23.203	3431	3437	3450	rVB	998103	2022666	81.32%	5.267%
100	23.344	3455	3461	3471	rVB	823052	1610647	64.75%	4.194%

Sum of corrected areas: 38399833

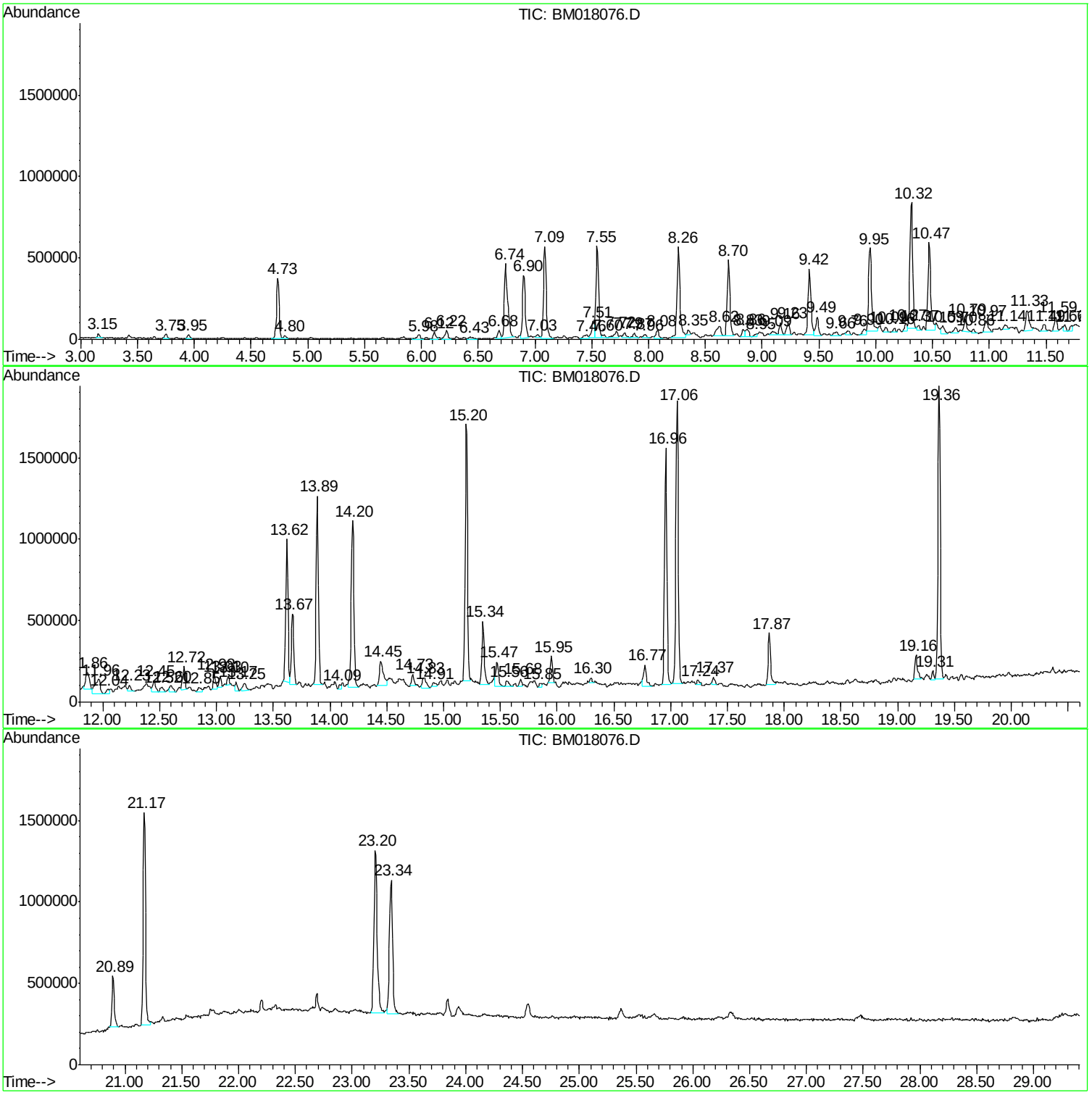
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : F9Y12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

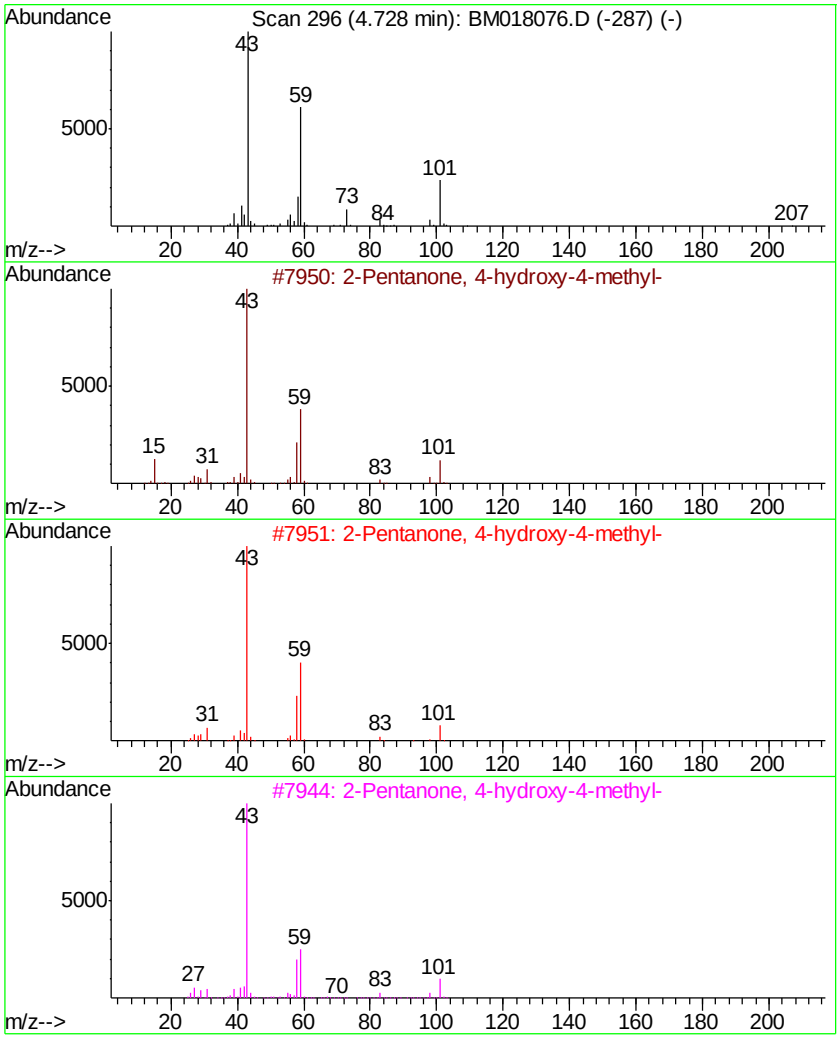
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

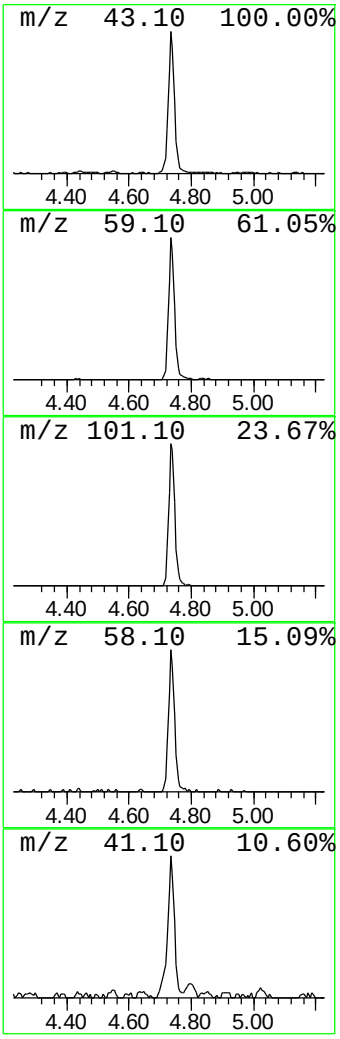
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	12.62 ng/ul	571577	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

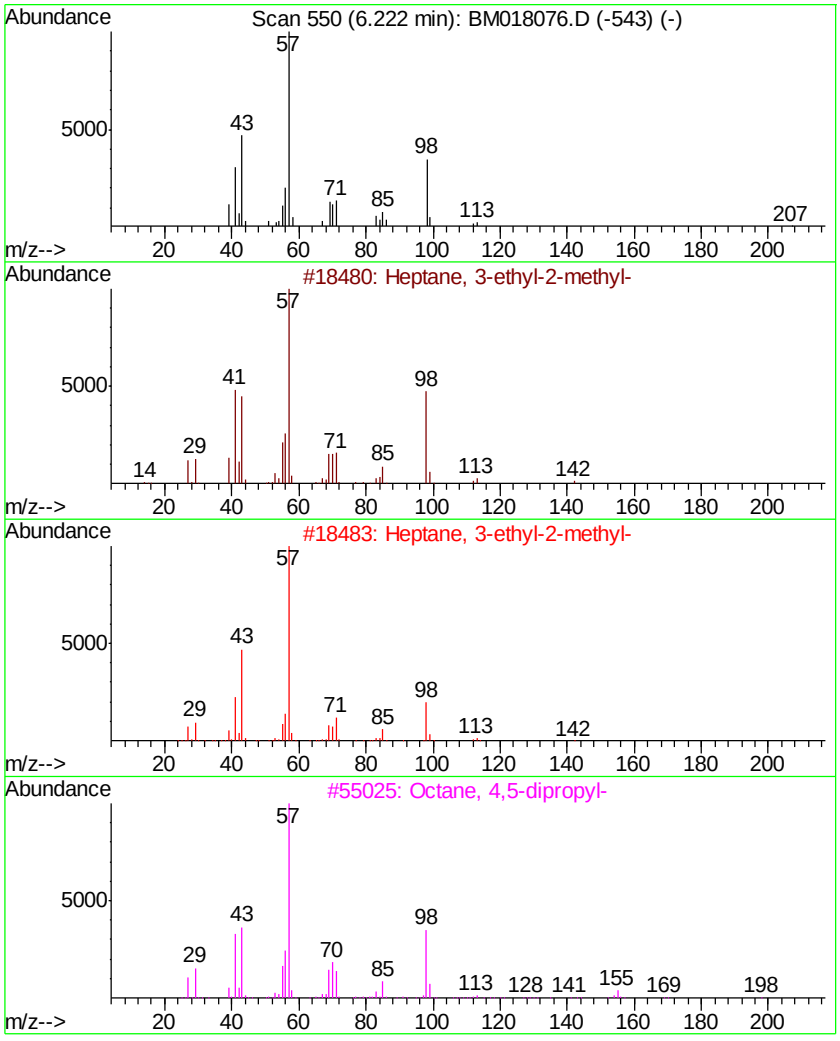
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

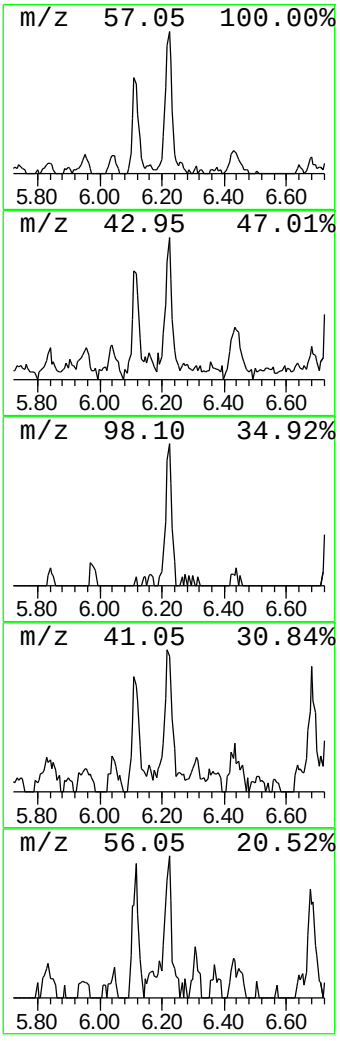
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	2.15 ng/ul	97248	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	64
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

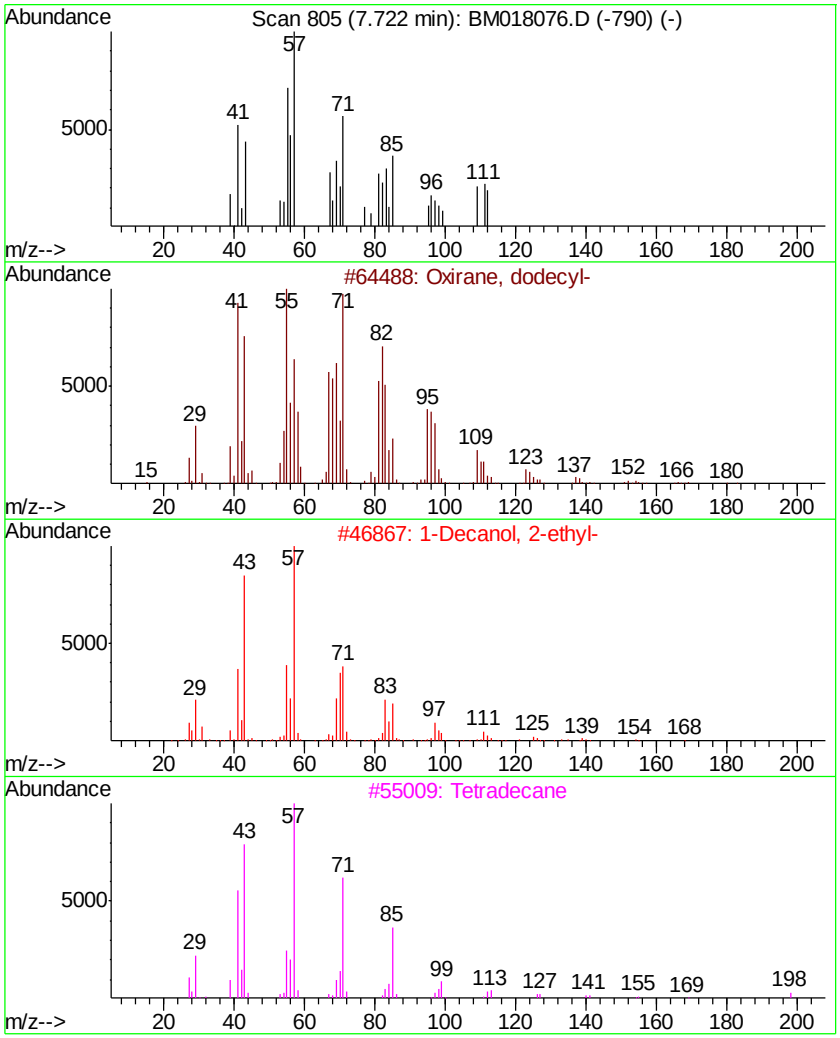
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

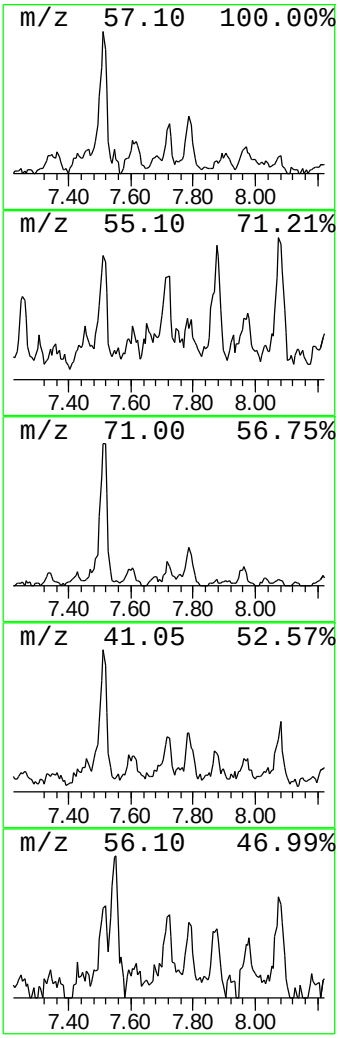
****

Peak Number 3 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.21 ng/ul	100118	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, dodecyl-	212	C14H28O	003234-28-4	43
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
3	Tetradecane	198	C14H30	000629-59-4	35
4	Decane, 2-methyl-	156	C11H24	006975-98-0	35
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

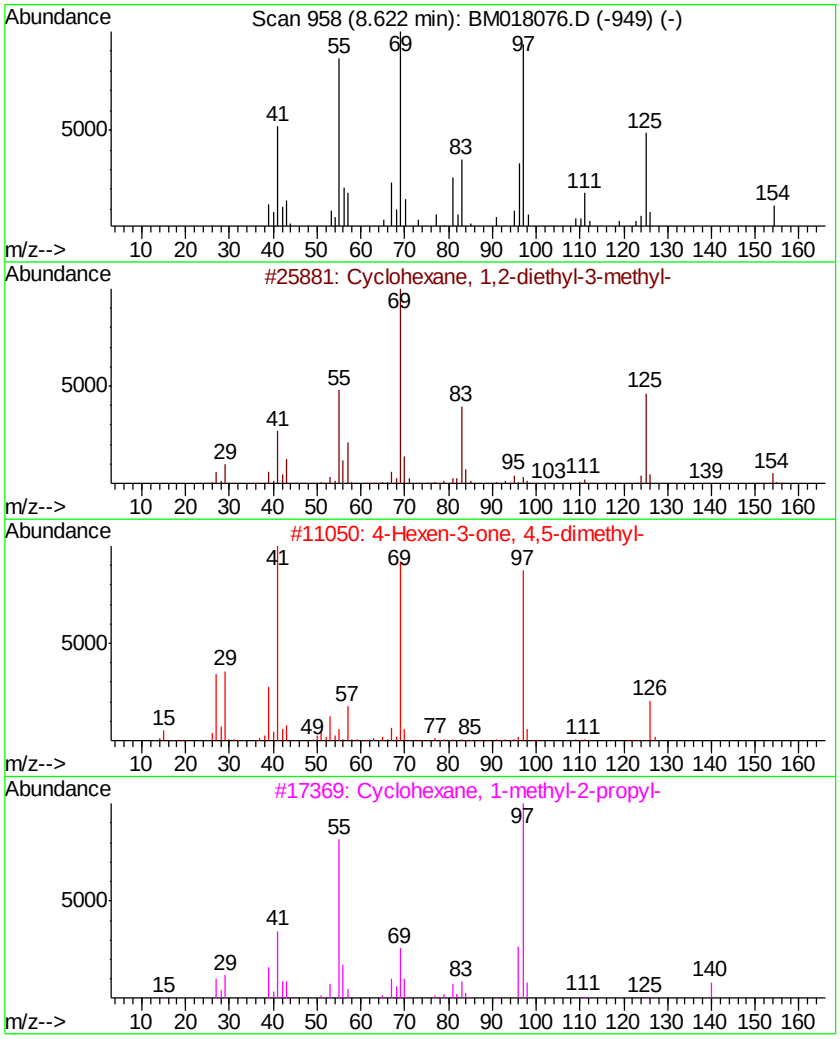
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

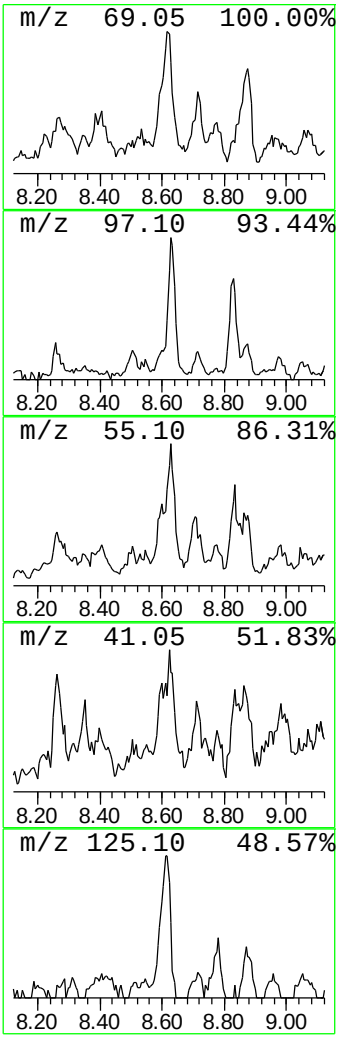
****

Peak Number 4 (DEL) Alkane: Cyclic8.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.84 ng/ul	173996	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	49
2	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	43
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
4	4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	38
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

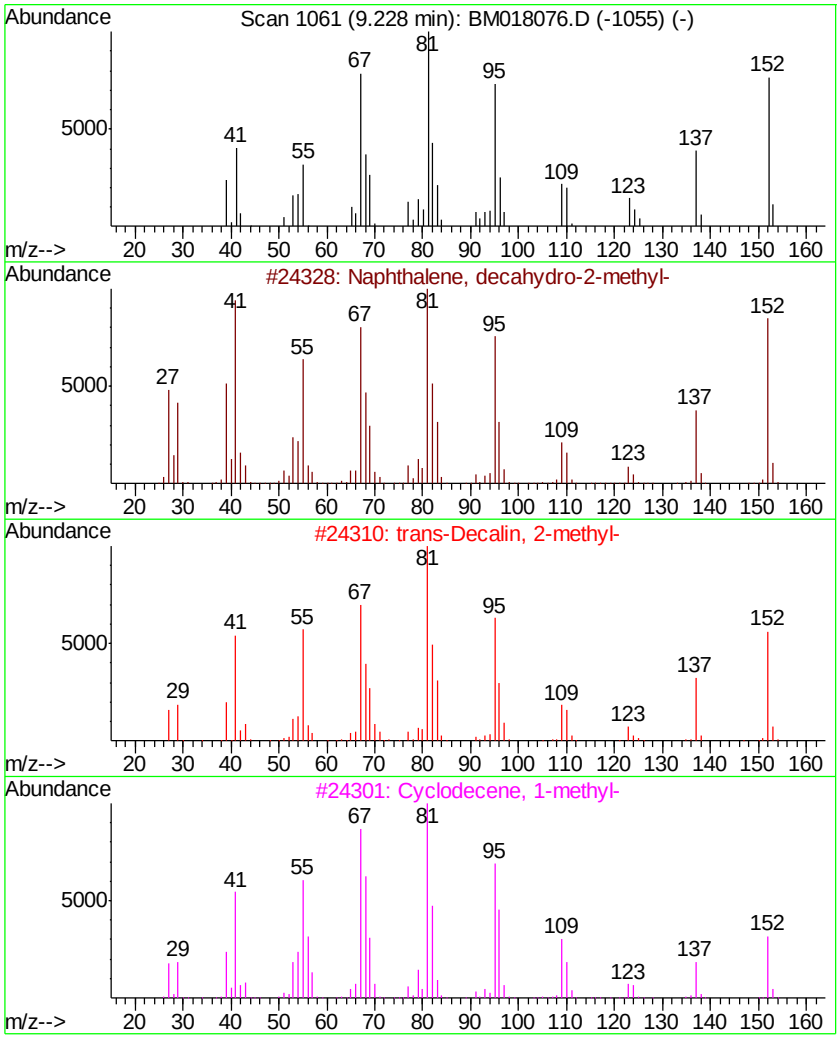
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

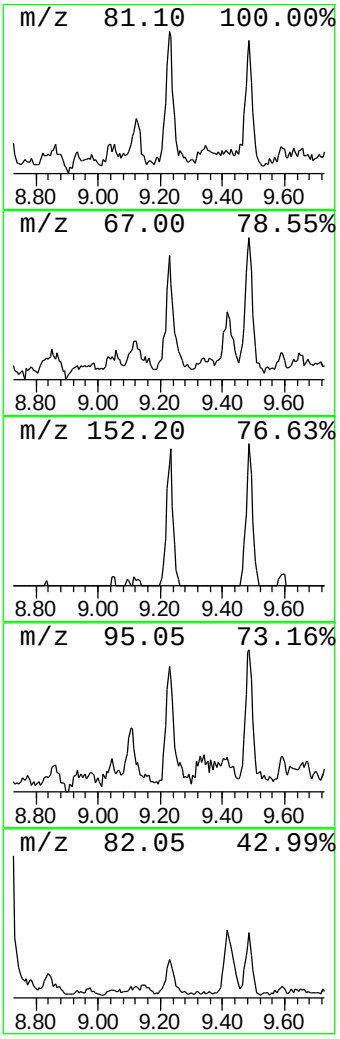
****

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.09 ng/ul	134209	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	87
4	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	70
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70





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Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
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Instrument : BNA_M
ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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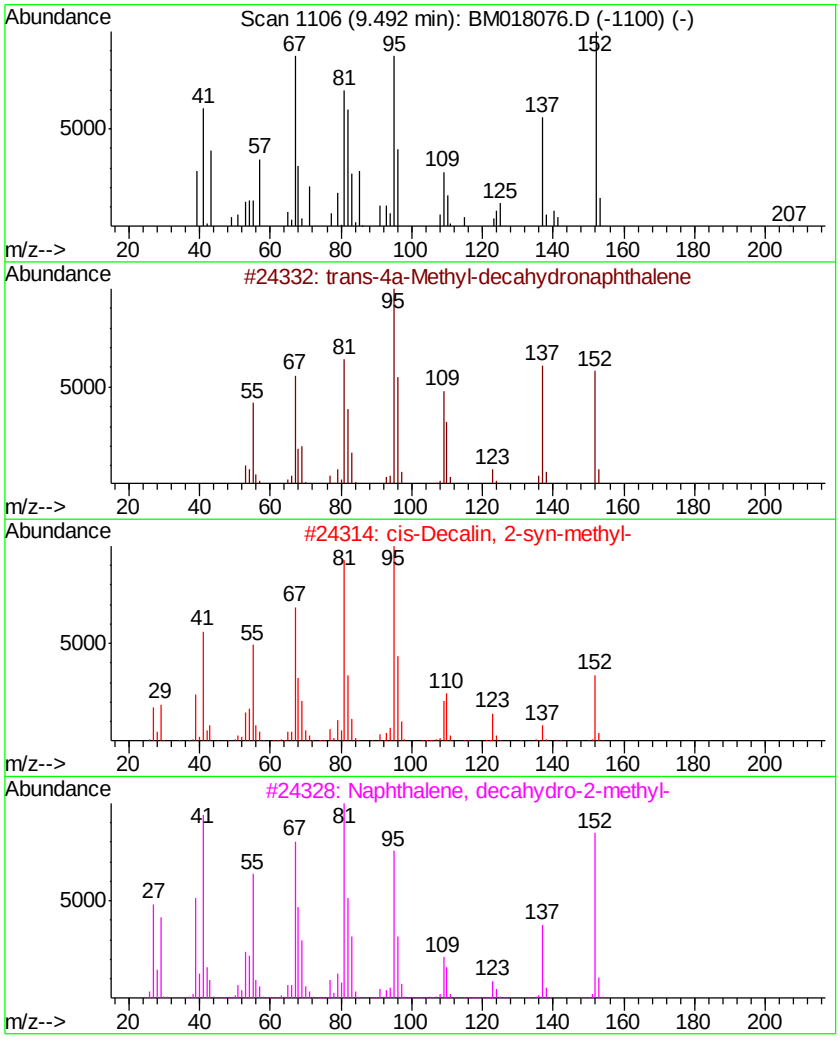
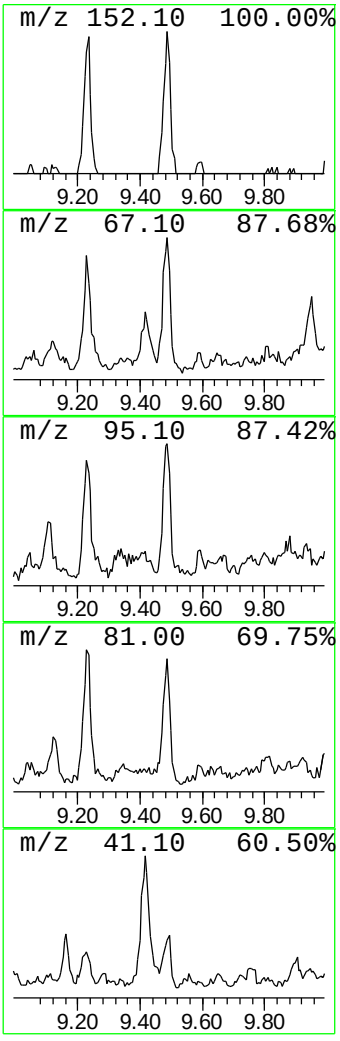
Peak Number 6 trans-4a-Methyl-decahydrona... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.97 ng/ul	190806	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	76
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	72





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Instrument : BNA_M
ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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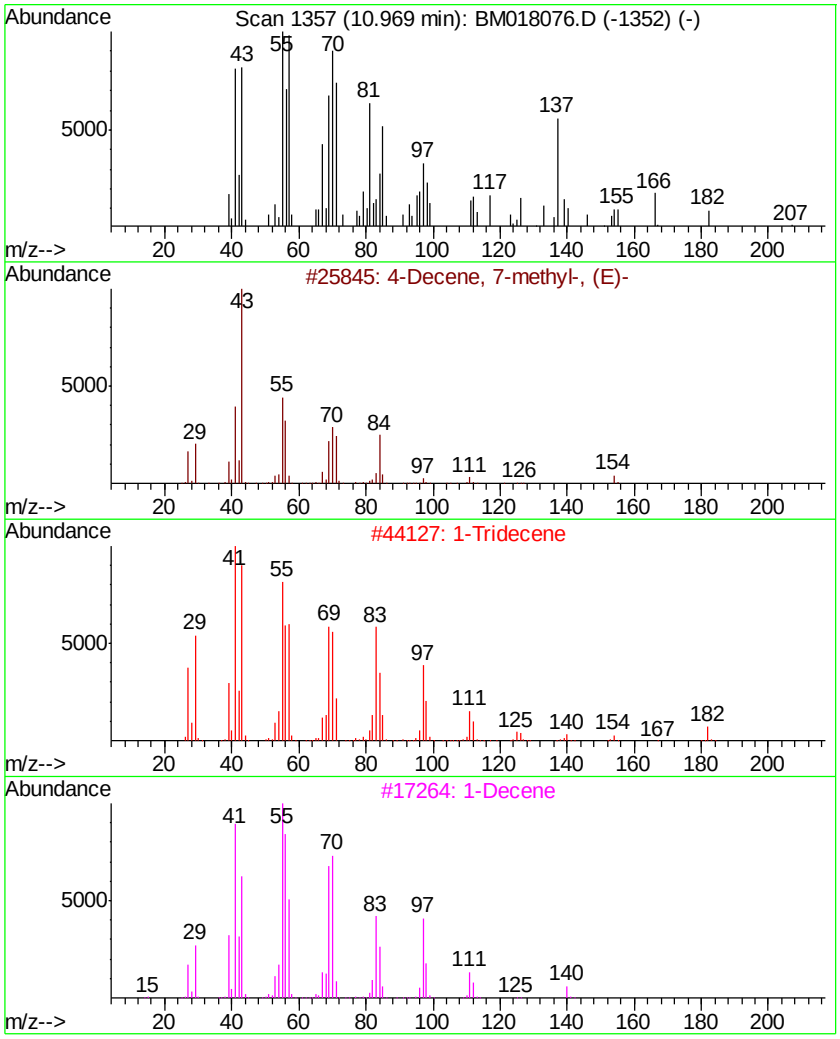
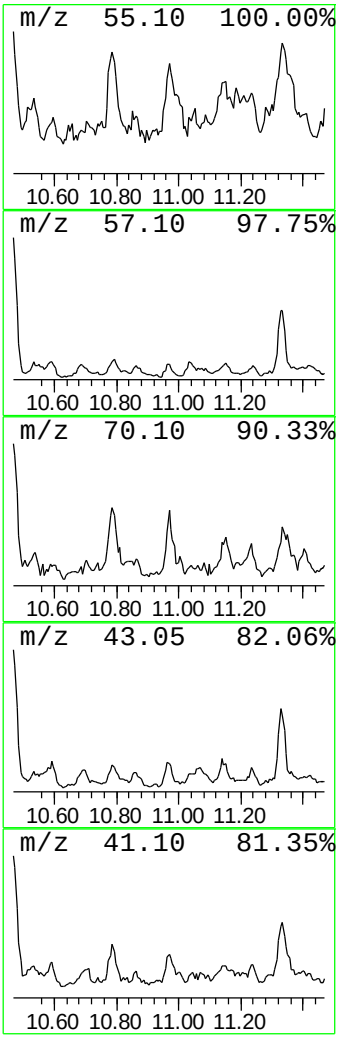
Peak Number 7 (DEL) Alkane: Cyclic10.97 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.32 ng/ul	149254	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene, 7-methyl-, (E)-	154	C11H22	062338-48-1	46
2	1-Tridecene	182	C13H26	002437-56-1	42
3	1-Decene	140	C10H20	000872-05-9	38
4	1-Tridecene	182	C13H26	002437-56-1	38
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	30





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ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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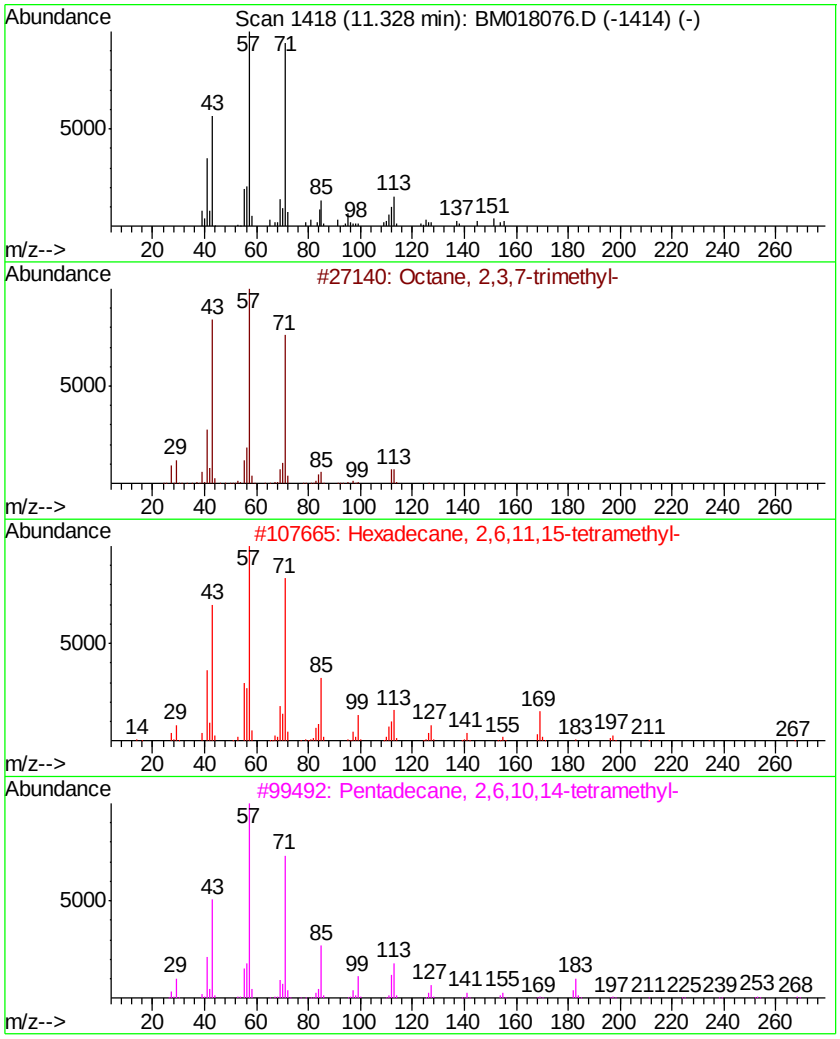
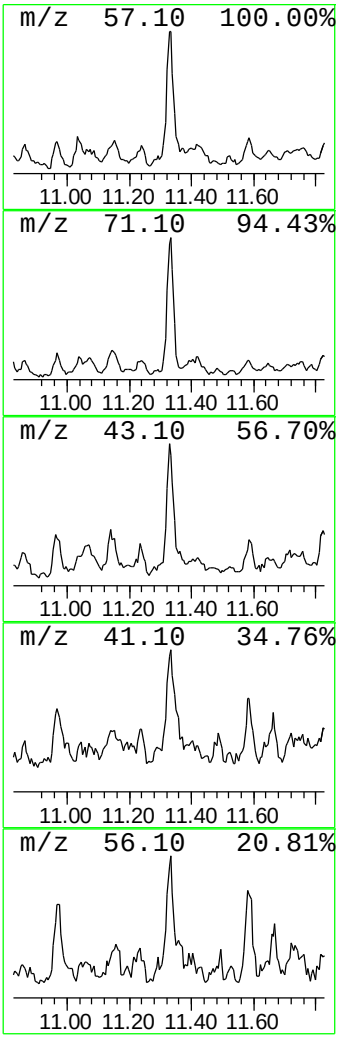
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	4.15 ng/ul	266391	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





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Misc :
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Instrument : BNA_M
ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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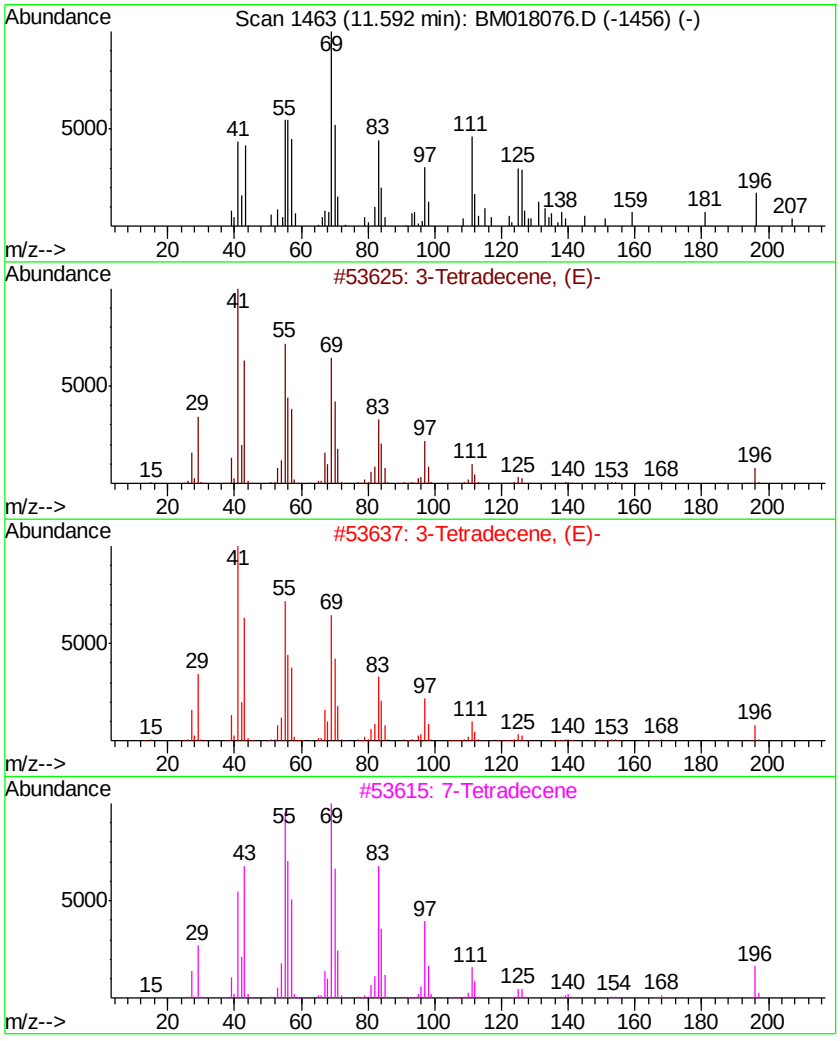
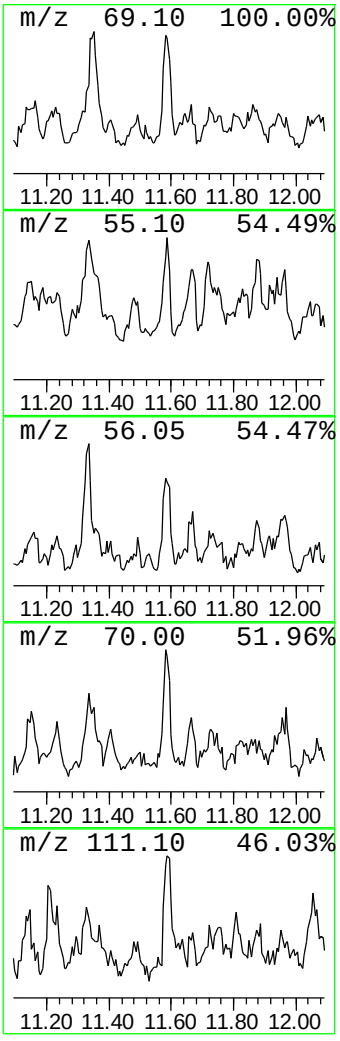
Peak Number 9 (DEL) Alkane: Cyclic11.59 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.17 ng/ul	139634	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecene, (E)-	196	C14H28	041446-68-8	81
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	81
3	7-Tetradecene	196	C14H28	010374-74-0	80
4	3-Tetradecene, (E)-	196	C14H28	041446-68-8	72
5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	68





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Sample : J6171-08
Misc :
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Instrument : BNA_M
ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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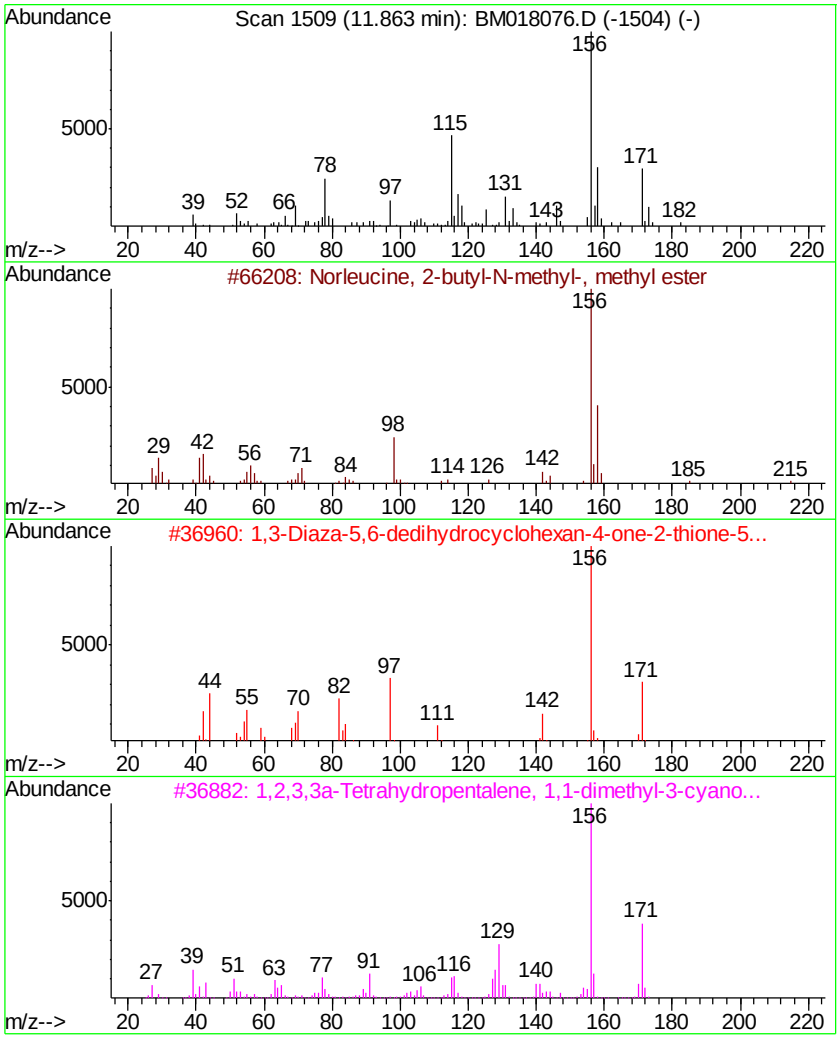
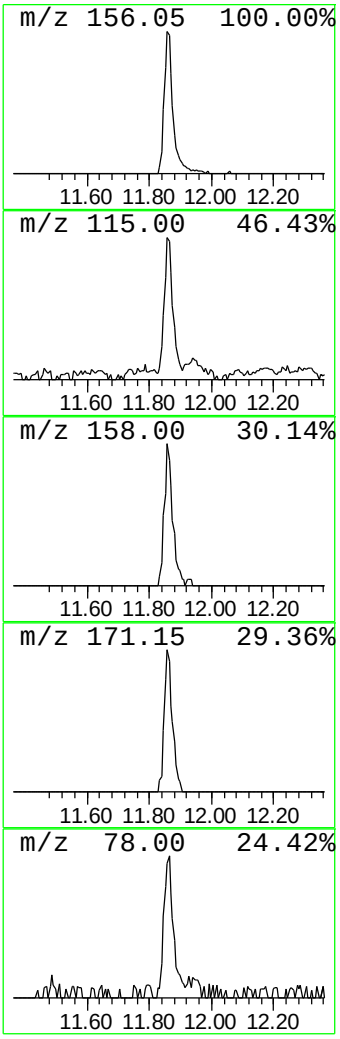
Peak Number 10 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.62 ng/ul	232792	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Norleucine, 2-butyl-N-methyl-, m...	215	C12H25NO2	006141-46-4	38
2	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
3	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	37
4	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
5	2,2'-Bipyridine	156	C10H8N2	000366-18-7	30





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Sample : J6171-08
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Instrument : BNA_M
ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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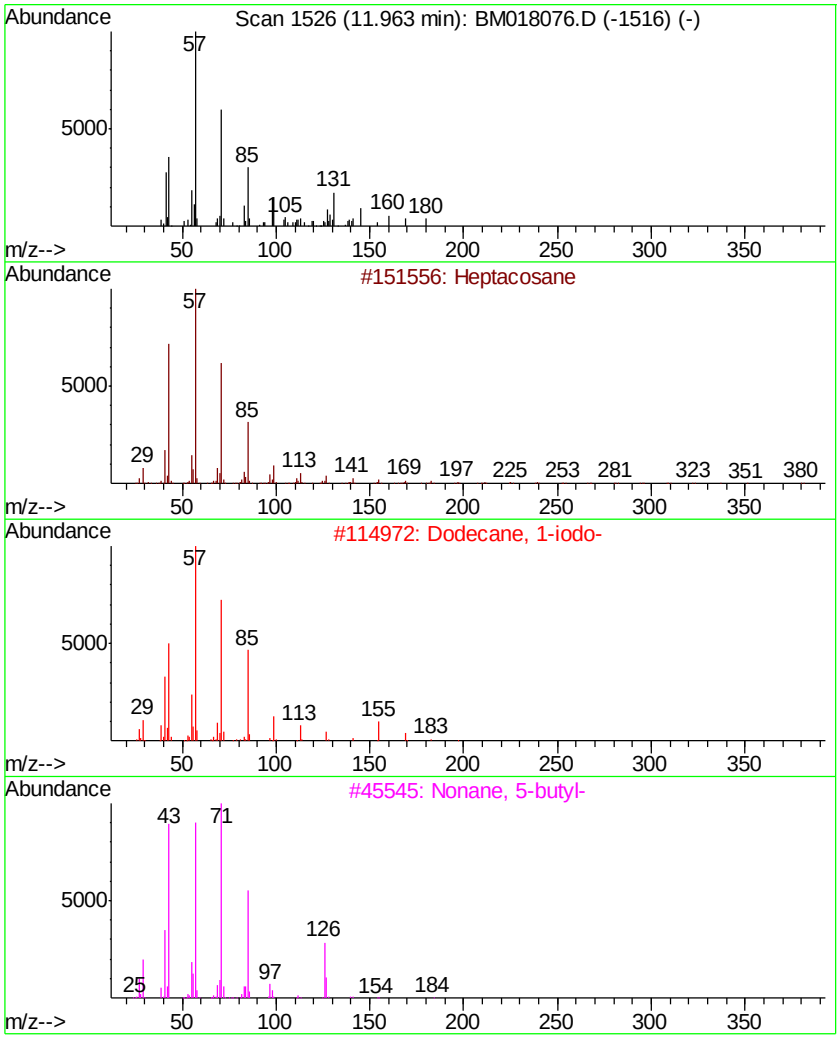
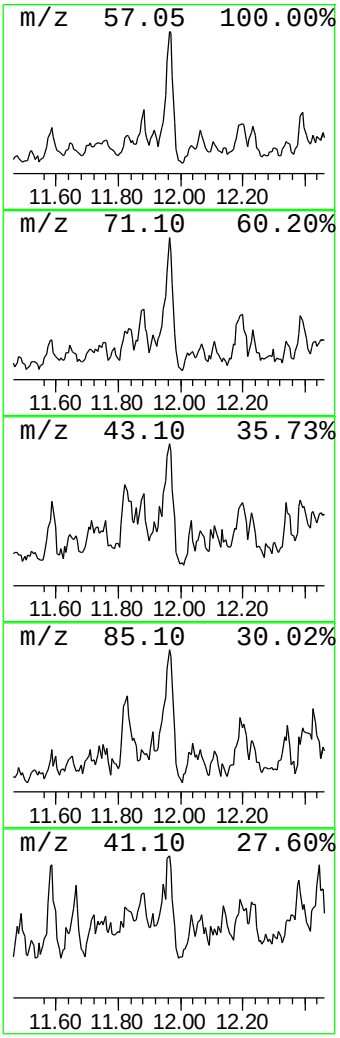
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.64 ng/ul	297999	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	53
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	43
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38





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Sample : J6171-08
Misc :
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Instrument : BNA_M
ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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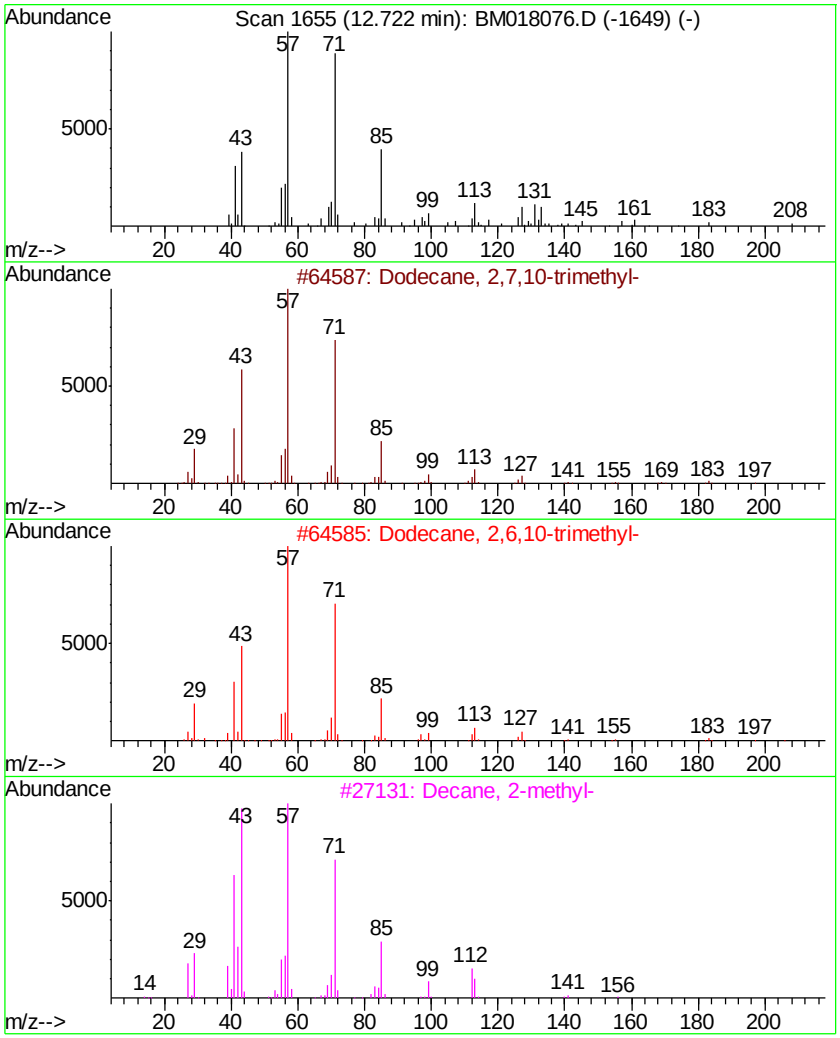
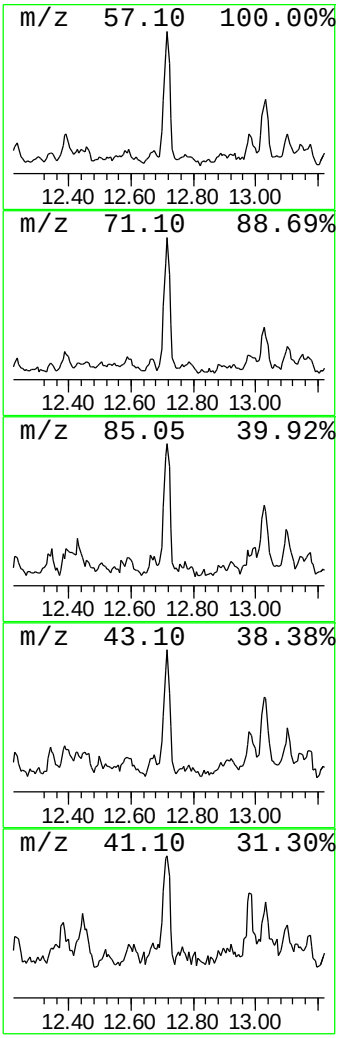
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.59 ng/ul	217032	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53





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Misc :
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Instrument : BNA_M
ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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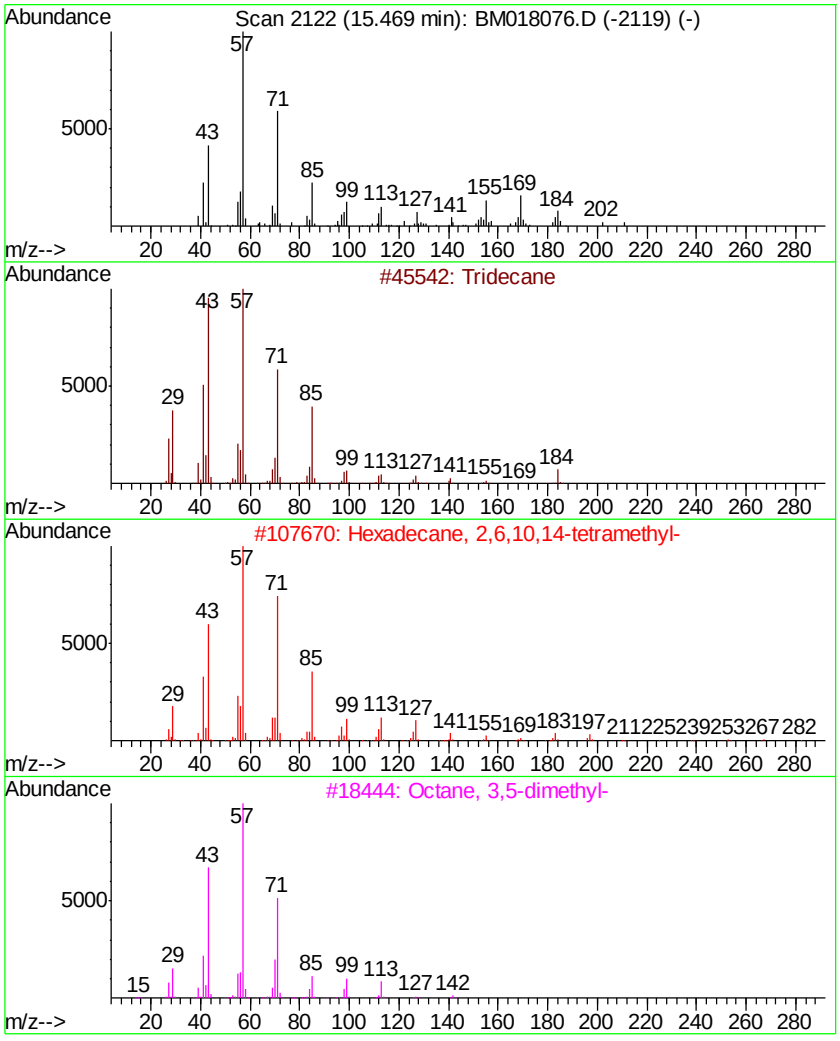
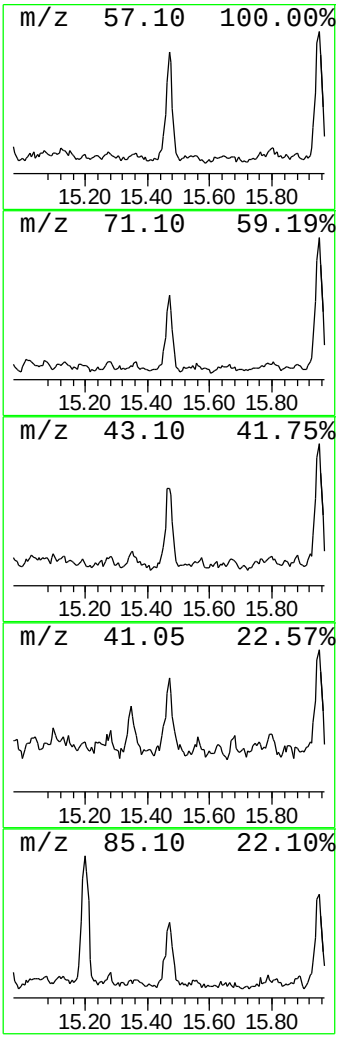
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	2.93 ng/ul	246046	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
5	Docosane	310	C22H46	000629-97-0	50





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Quant Title : SVOA CALIBRATION

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

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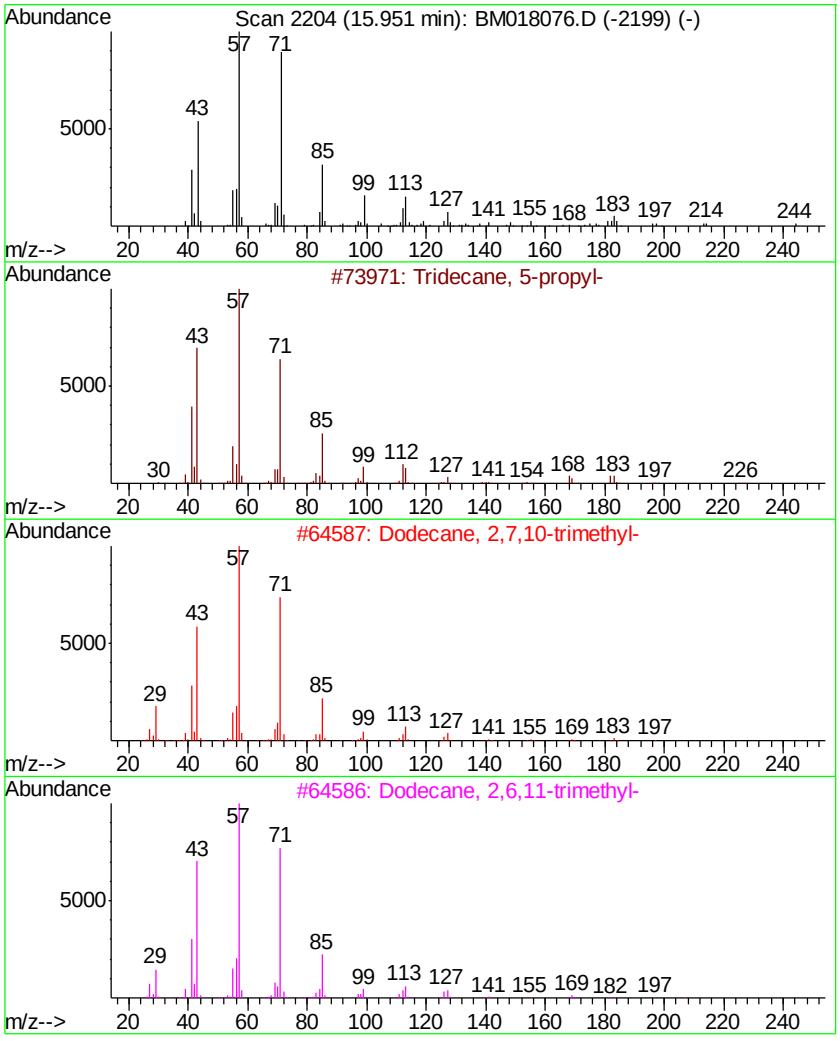
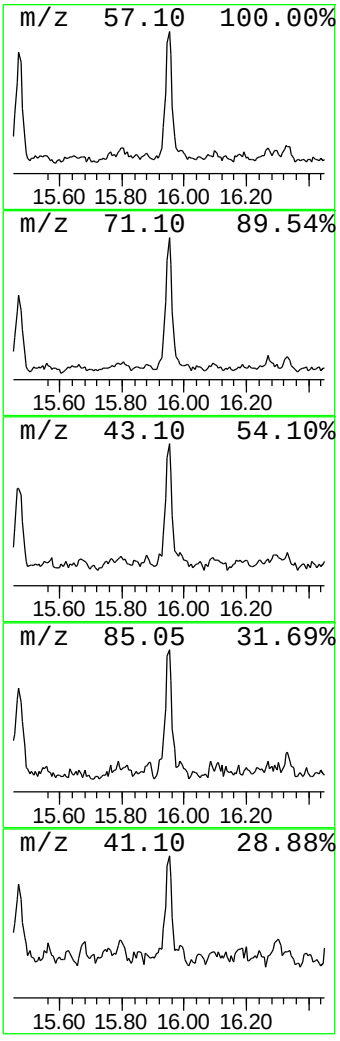
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.30 ng/ul	241909	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5	Tridecane	184	C13H28	000629-50-5	58





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ClientSampleId : F9Y12

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Quant Title : SVOA CALIBRATION

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

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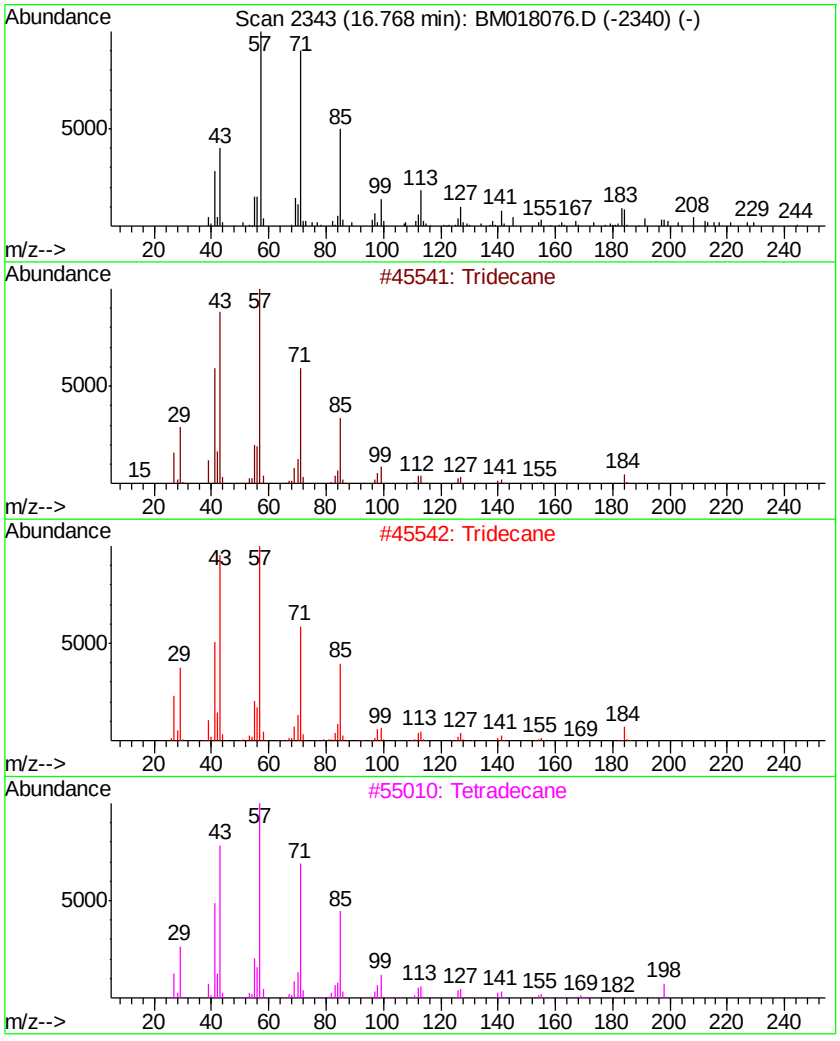
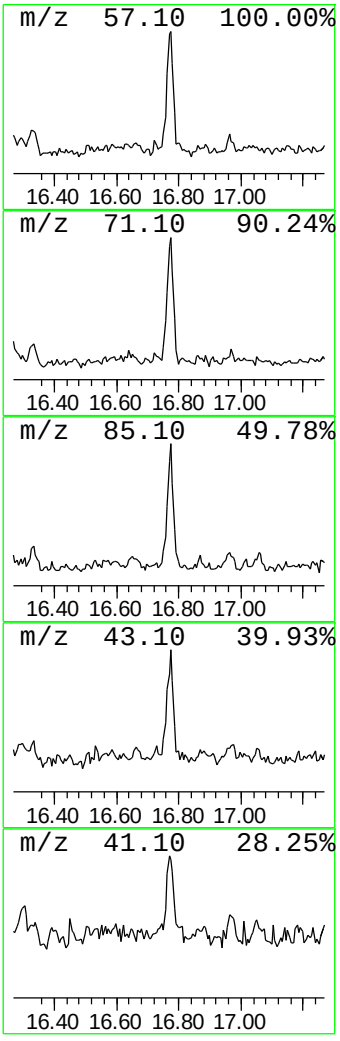
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.18 ng/ul	229482	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Nonacosane	408	C29H60	000630-03-5	72
5	Heptacosane	380	C27H56	000593-49-7	59





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Quant Title : SVOA CALIBRATION

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

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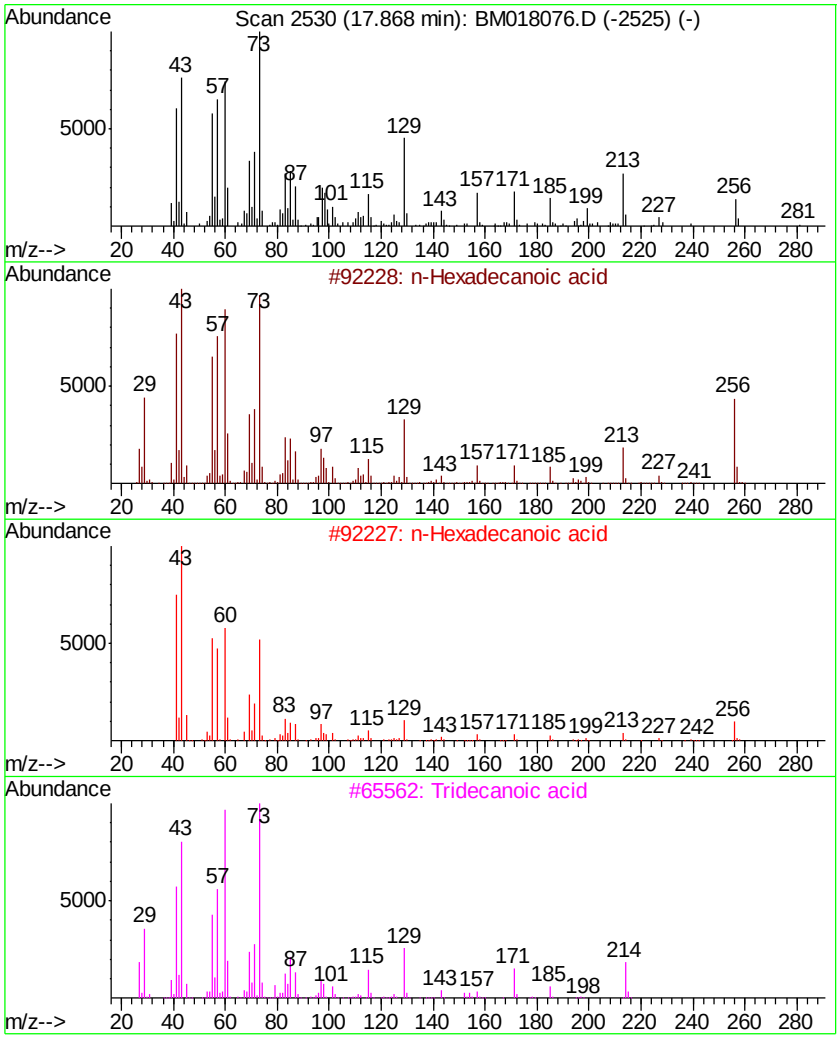
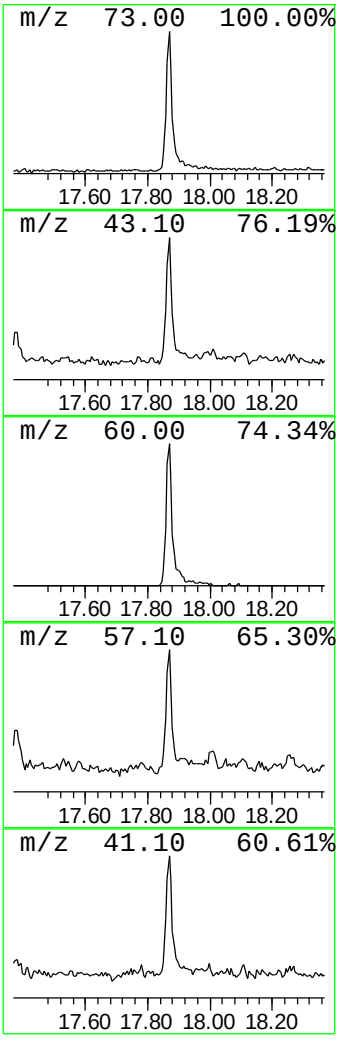
Peak Number 16 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.34 ng/ul	457569	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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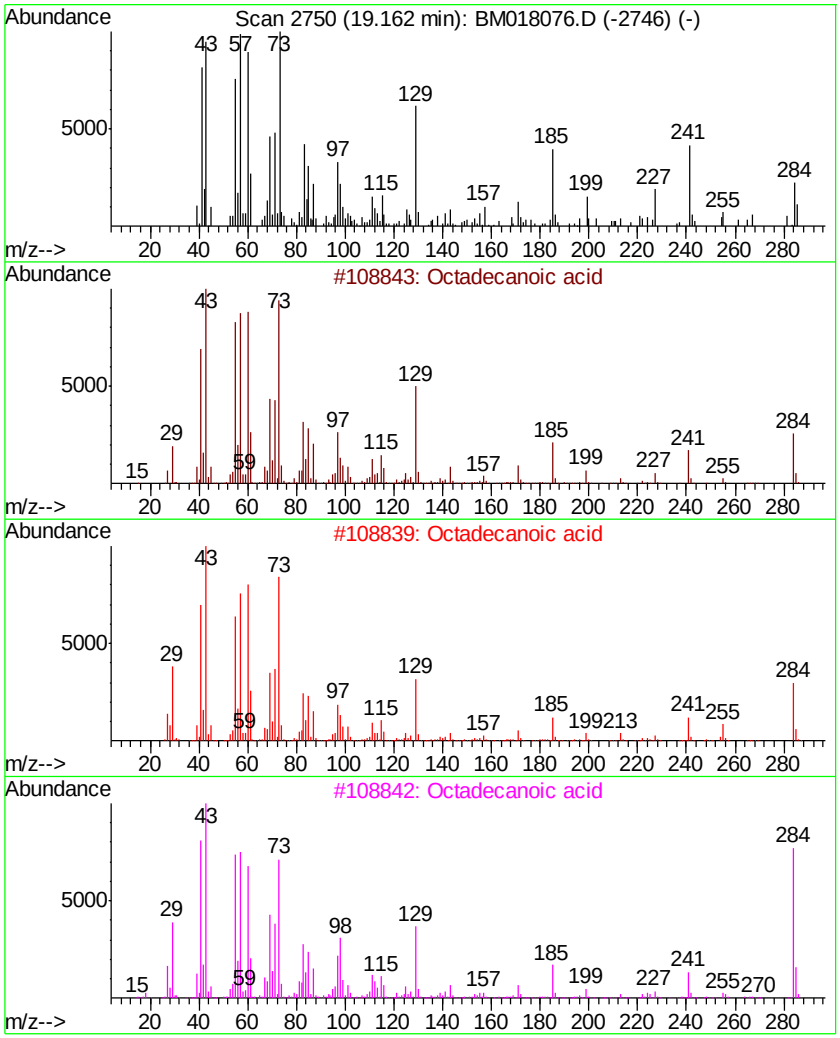
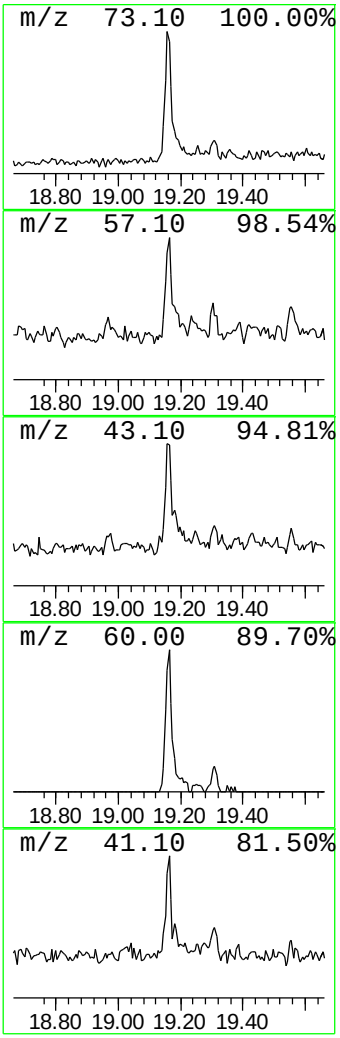
Peak Number 17 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.49 ng/ul	230991	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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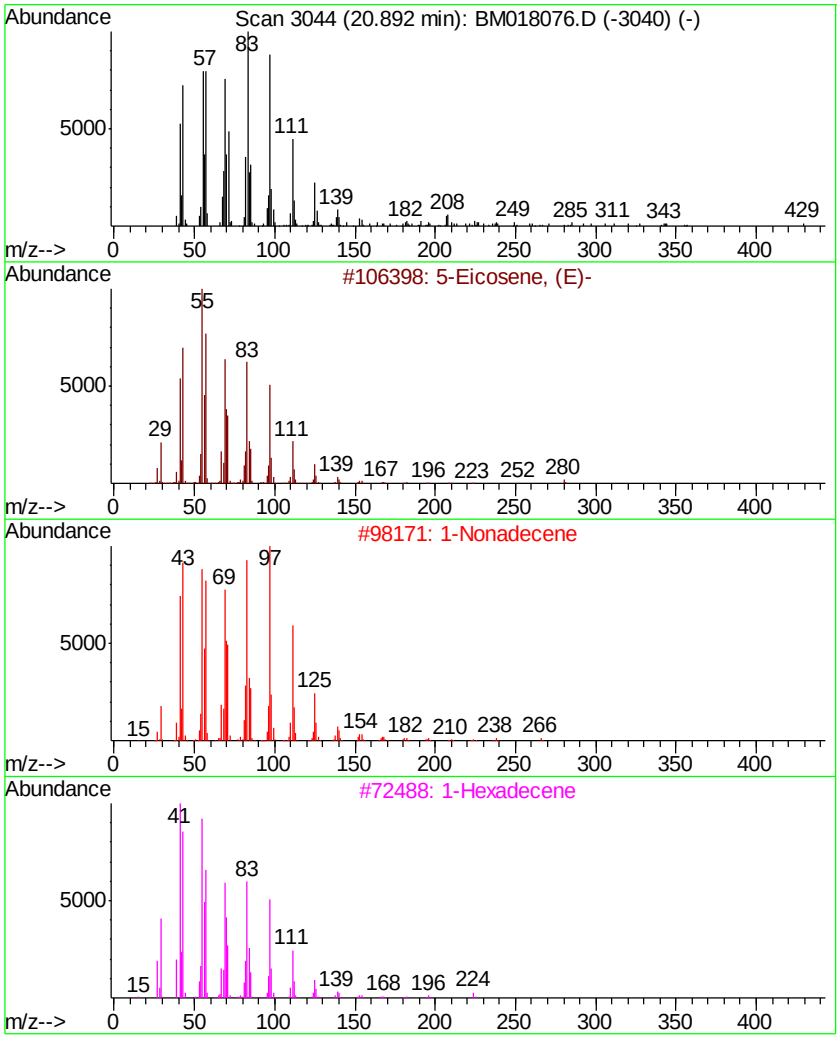
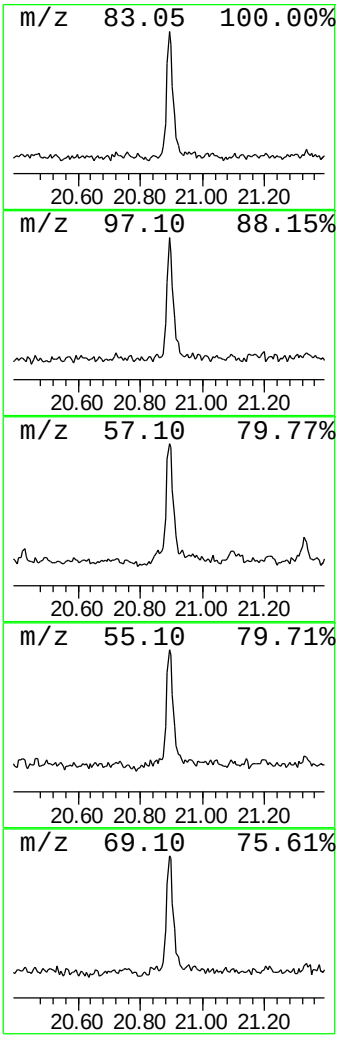
Peak Number 18 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.90 ng/ul	455219	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	1-Hexadecene	224	C16H32	000629-73-2	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018076.D
Acq On : 12 Dec 2018 02:41
Operator : JU/SJ
Sample : J6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
2-Pentanone, 4-hy...	4.73	12.6	ng/ul	571577	1	7.55	905675	20.0
(DEL) Alkane: Str...	6.22	2.1	ng/ul	97248	1	7.55	905675	20.0
unknown-01	7.72	2.2	ng/ul	100118	1	7.55	905675	20.0
(DEL) Alkane: Cyc...	8.62	3.8	ng/ul	173996	1	7.55	905675	20.0
Naphthalene, deca...	9.23	2.1	ng/ul	134209	2	10.32	1284820	20.0
trans-4a-Methyl-d...	9.49	3.0	ng/ul	190806	2	10.32	1284820	20.0
(DEL) Alkane: Cyc...	10.97	2.3	ng/ul	149254	2	10.32	1284820	20.0
(DEL) Alkane: Str...	11.33	4.2	ng/ul	266391	2	10.32	1284820	20.0
(DEL) Alkane: Cyc...	11.59	2.2	ng/ul	139634	2	10.32	1284820	20.0
unknown-02	11.86	3.6	ng/ul	232792	2	10.32	1284820	20.0
(DEL) Alkane: Str...	11.96	4.6	ng/ul	297999	2	10.32	1284820	20.0
(DEL) Alkane: Str...	12.72	2.6	ng/ul	217032	3	14.20	1678710	20.0
(DEL) Alkane: Str...	15.47	2.9	ng/ul	246046	3	14.20	1678710	20.0
(DEL) Alkane: Str...	15.95	2.3	ng/ul	241909	4	16.96	2106540	20.0
(DEL) Alkane: Str...	16.77	2.2	ng/ul	229482	4	16.96	2106540	20.0
n-Hexadecanoic acid	17.87	4.3	ng/ul	457569	4	16.96	2106540	20.0
Octadecanoic acid	19.16	2.5	ng/ul	230991	5	21.17	1856830	20.0
(DEL) Alkane: Cyc...	20.89	4.9	ng/ul	455219	5	21.17	1856830	20.0