LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

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-BM102418MA.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	3.058	9	12	15	rBV	28605	30386	0.60%	0.064%
2	3.081	15	16	18	rVV2	16705	13461	0.26%	0.028%
3	3.111	18	21	23	rVV	24202	26358	0.52%	0.055%
4	3.140	23	26	40	rVB	1028670	1188152	23.31%	2.494%
5	3.434	74	76	78	rBV2	17734	16835	0.33%	0.035%
6	3.463	78	81	89	rVB	54952	69698	1.37%	0.146%
7	3.781	131	135	139	rBV5	6415	10774	0.21%	0.023%
8	3.828	139	143	145	rVV3	7918	9499	0.19%	0.020%
9	3.922	156	159	164	rBV5	6087	9478	0.19%	0.020%
10	4.022	170	176	180	rBV	56616	72219	1.42%	0.152%
11	4.252	212	215	220	rVB5	6585	9008	0.18%	0.019%
12	4.357	230	233	236	rBV4	7609	8539	0.17%	0.018%
13	4.399	236	240	245	rVB2	36069	45455	0.89%	0.095%
14	4.446	245	248	254	rVB6	7475	12905	0.25%	0.027%
15	4.540	254	264	267	rBV	85128	143669	2.82%	0.302%
16	4.569	267	269	273	rVB	32884	31497	0.62%	0.066%
17	4.640	273	281	284	rBV3	211596	419975	8.24%	0.882%
18	4.728	292	296	303	rVB	385000	538362	10.56%	1.130%
19	4.810	303	310	312	rBV6	12301	24683	0.48%	0.052%
20	4.857	312	318	323	rVB	155534	203522	3.99%	0.427%
21	4.905	323	326	328	rBV	19662	19747	0.39%	0.041%
22	4.940	328	332	339	rBV3	103894	197018	3.87%	0.414%
23	5.022	342	346	347	rBV	66500	72478	1.42%	0.152%
24	5.046	347	350	352	rBV	45752	46823	0.92%	0.098%
25	5.099	357	359	363	rVV2	84573	103889	2.04%	0.218%
26	5.152	363	368	372	rVV2	96020	167184	3.28%	0.351%
27	5.210	372	378	383	rVV	230280	406583	7.98%	0.854%
28	5.263	383	387	395	rVB2	88850	129152	2.53%	0.271%
29	5.346	395	401	406	rBV2	43156	73953	1.45%	0.155%
30	5.410	406	412	413	rVV2	46370	71859	1.41%	0.151%
31	5.428	413	415	422	rVV3	47529	65064	1.28%	0.137%
32	5.487	422	425	431	rVB4	16390	30130	0.59%	0.063%
33	5.604	442	445	448	rBV3	12070	18107	0.36%	0.038%
34	5.646	448	452	461	rVV	182083	274061	5.38%	0.575%

LSC Area Percent Report

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Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

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-BM102418MA.M
Title : SVOA CALIBRATION

35	5.710	461	463	469	rVB4	8069	11187	0.22%	0.023%
36	5.781	471	475	479	rBV3	9773	12113	0.24%	0.025%
37	5.928	497	500	505	rBV4	9818	13024	0.26%	0.027%
38	5.969	505	507	514	rVB6	6339	8222	0.16%	0.017%
39	6.152	530	538	543	rBV7	9522	26524	0.52%	0.056%
40	6.216	545	549	555	rVV5	11496	17548	0.34%	0.037%
41	6.304	559	564	569	rVB5	6573	12179	0.24%	0.026%
42	6.399	575	580	584	rBV5	6121	12103	0.24%	0.025%
43	6.546	599	605	609	rBV5	7146	14499	0.28%	0.030%
44	6.599	610	614	618	rVV6	7039	15503	0.30%	0.033%
45	6.640	618	621	627	rVV6	13054	21360	0.42%	0.045%
46	6.699	628	631	636	rVB	14725	21134	0.41%	0.044%
47	6.751	636	640	644	rBV6	6025	8841	0.17%	0.019%
48	6.810	644	650	655	rVB4	9970	17269	0.34%	0.036%
49	7.157	703	709	713	rVB5	4414	9304	0.18%	0.020%
50	7.646	782	792	808	rBV	893009	1518181	29.79%	3.187%
51	7.775	810	814	818	rVB3	6073	9163	0.18%	0.019%
52	8.169	877	881	887	rVB6	8573	14682	0.29%	0.031%
53	8.228	887	891	896	rVB4	8419	13128	0.26%	0.028%
54	8.298	896	903	910	rBV2	14030	25766	0.51%	0.054%
55	8.404	916	921	924	rVB6	6614	9514	0.19%	0.020%
56	10.375	1250	1256	1257	rBV5	5987	9682	0.19%	0.020%
57	10.422	1257	1264	1282	rVB	1236555	2154305	42.27%	4.523%
58	10.551	1282	1286	1288	rBV4	7202	10474	0.21%	0.022%
59	10.675	1300	1307	1311	rVB6	8413	15684	0.31%	0.033%
60	10.763	1318	1322	1327	rVB5	4724	7969	0.16%	0.017%
61	10.886	1337	1343	1349	rVV6	6865	13058	0.26%	0.027%
62	12.822	1667	1672	1679	rBV5	17595	34423	0.68%	0.072%
63	13.704	1818	1822	1825	rVB5	11655	16364	0.32%	0.034%
64	13.780	1829	1835	1838	rVB6	10100	14715	0.29%	0.031%
65	14.022	1872	1876	1883	rBV8	8271	20536	0.40%	0.043%
66	14.086	1883	1887	1888	rBV3	5735	7400	0.15%	0.016%
67	14.116	1888	1892	1900	rVB4	24960	41811	0.82%	0.088%
68	14.186	1900	1904	1905	rBV4	9253	10959	0.22%	0.023%
69	14.292	1910	1922	1932	rBV2	1934819	3202806	62.84%	6.724%
70	14.704	1990	1992	1995	rBV4	13368	11549	0.23%	0.024%
71	14.739	1995	1998	2001	rBV5	10356	11726	0.23%	0.025%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

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-BM102418MA.M
Title : SVOA CALIBRATION

72	14.822	2008	2012	2019	rBV7	46083	79421	1.56%	0.167%
73	14.945	2024	2033	2038	rBV7	38921	103170	2.02%	0.217%
74	15.010	2040	2044	2051	rBV10	29483	74451	1.46%	0.156%
75	15.080	2051	2056	2062	rBV2	91906	150574	2.95%	0.316%
76	15.345	2096	2101	2102	rBV5	39851	63495	1.25%	0.133%
77	15.563	2135	2138	2144	rVB2	89471	136890	2.69%	0.287%
78	15.774	2171	2174	2177	rBV4	46672	65528	1.29%	0.138%
79	16.045	2213	2220	2224	rBV	406831	700567	13.75%	1.471%
80	16.868	2356	2360	2366	rVB	336135	511042	10.03%	1.073%
81	17.045	2385	2390	2398	rBV2	2546379	4050746	79.48%	8.504%
82	19.257	2763	2766	2771	rVB	558837	675477	13.25%	1.418%
83	19.827	2860	2863	2867	rVB	558147	635036	12.46%	1.333%
84	19.968	2883	2887	2891	rBV	1673377	2038043	39.99%	4.279%
85	20.251	2931	2935	2939	rVB	2222158	2595696	50.93%	5.449%
86	20.304	2941	2944	2948	rVV3	475536	551612	10.82%	1.158%
87	20.404	2958	2961	2966	rVB3	629217	873180	17.13%	1.833%
88	20.504	2975	2978	2981	rVB	409099	445670	8.74%	0.936%
89	20.568	2982	2989	2995	rVB2	1170575	2212660	43.41%	4.645%
90	20.715	3010	3014	3020	rVB	1142460	1442811	28.31%	3.029%
91	20.780	3021	3025	3028	rBV2	512077	695282	13.64%	1.460%
92	20.980	3055	3059	3065	rVB2	1082352	1605845	31.51%	3.371%
93	21.039	3066	3069	3074	rVB3	585430	718491	14.10%	1.508%
94	21.245	3099	3104	3106	rBV	3742890	5096769	100.00%	10.700%
95	21.268	3106	3108	3115	rVB	2297950	2768121	54.31%	5.811%
96	21.403	3128	3131	3135	rVB	552217	565668	11.10%	1.188%
97	21.580	3158	3161	3165	rVB	772294	928436	18.22%	1.949%
98	21.833	3201	3204	3208	rBV	510765	555861	10.91%	1.167%
99	22.792	3364	3367	3371	rVB	466385	596424	11.70%	1.252%
100	23.456	3474	3480	3489	rVB2	2464988	4740752	93.01%	9.953%

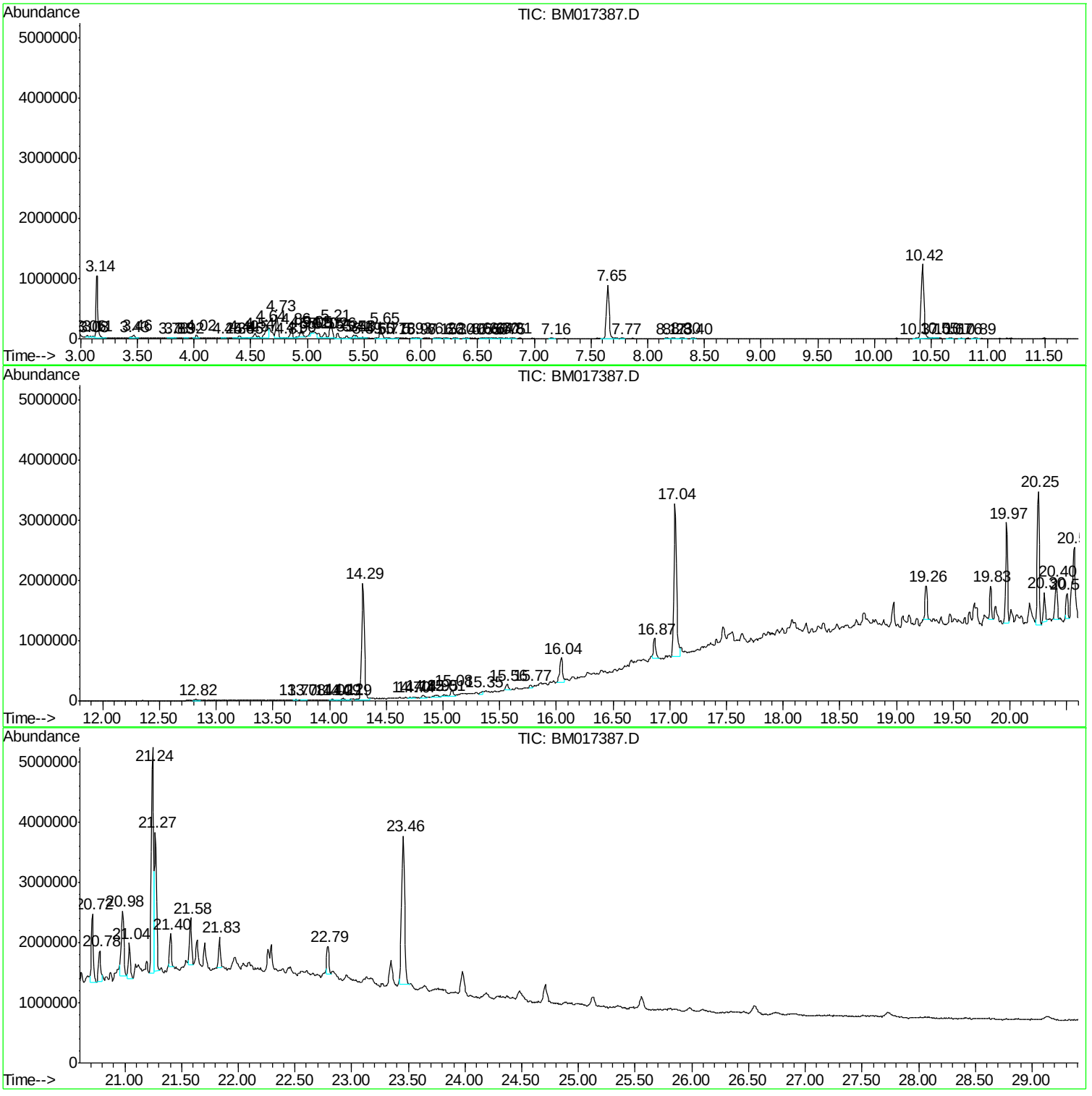
Sum of corrected areas: 47632946

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
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ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
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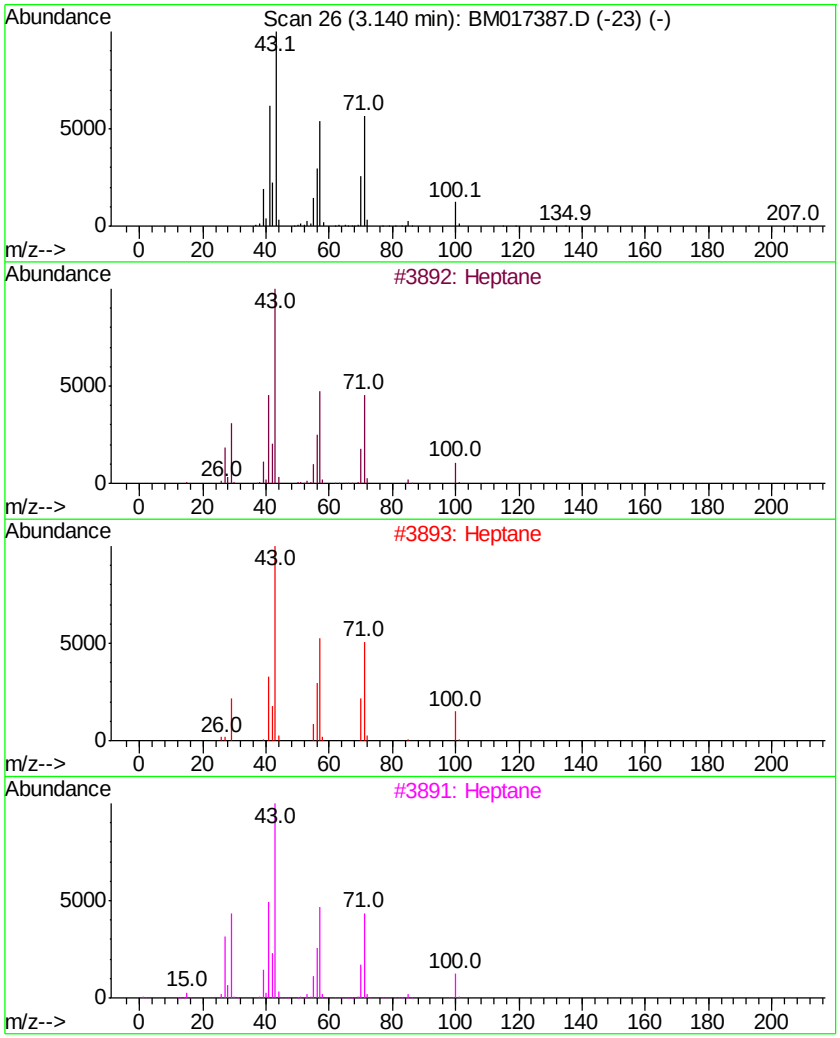
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

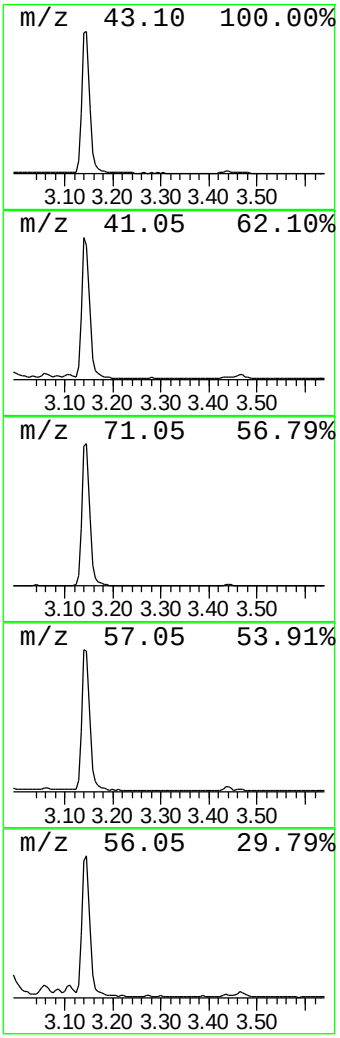
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	15.65 ng/ul	1188150	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

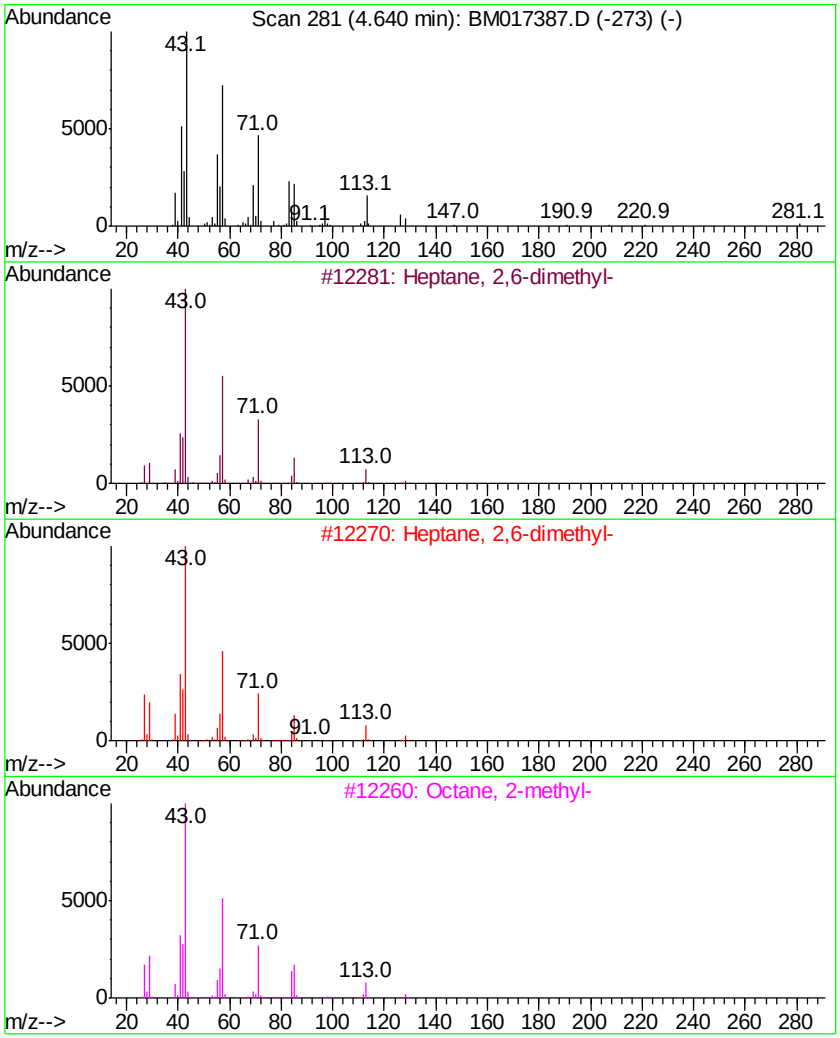
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

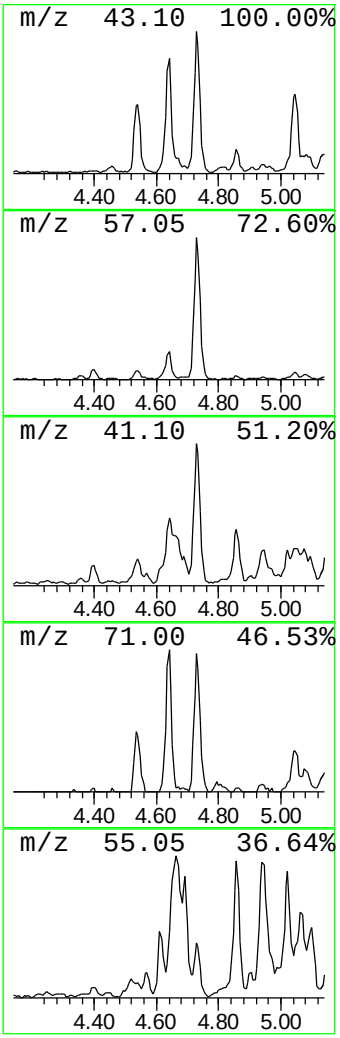
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	5.53 ng/ul	419975	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	76
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	76
3	Octane, 2-methyl-	128	C9H20	003221-61-2	53
4	Octane, 2-methyl-	128	C9H20	003221-61-2	49
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

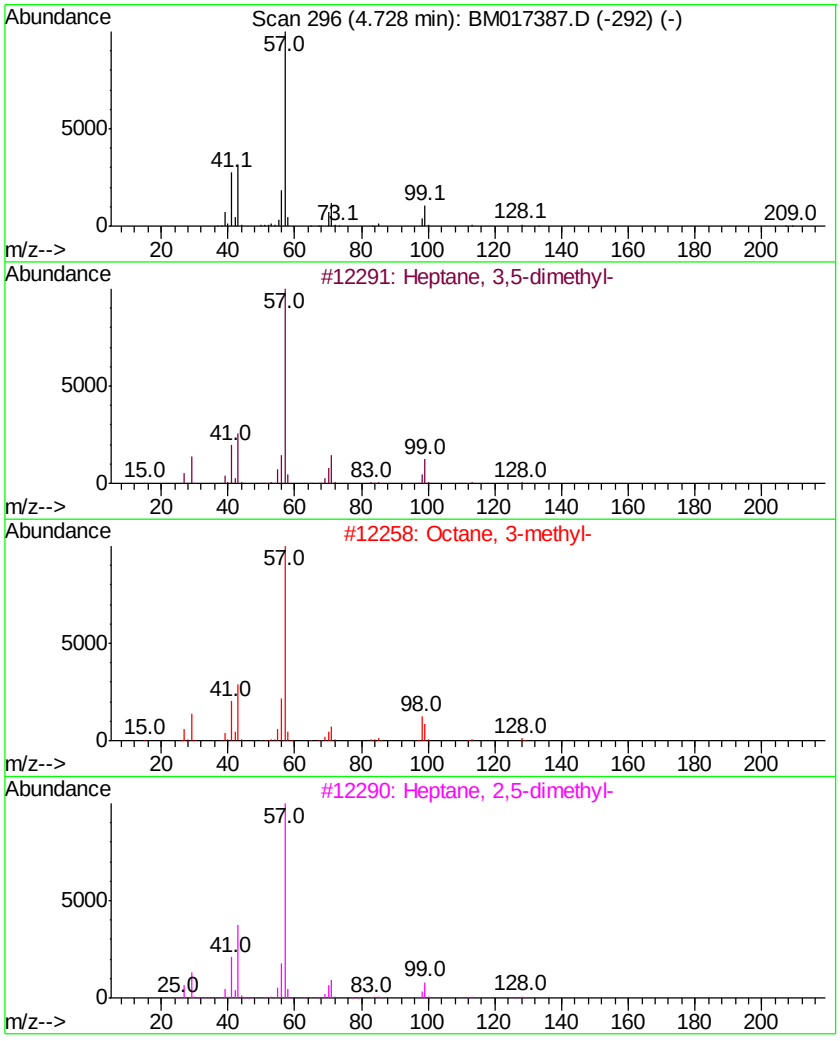
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

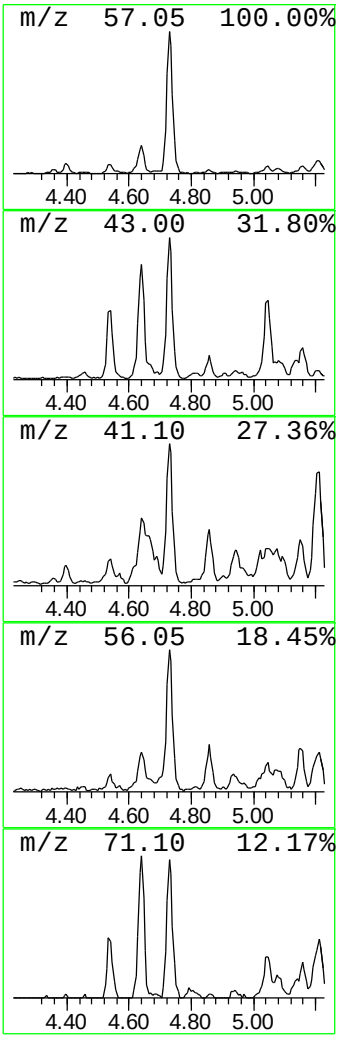
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	7.09 ng/ul	538362	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	87
2	Octane, 3-methyl-	128	C9H20	002216-33-3	86
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	86
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

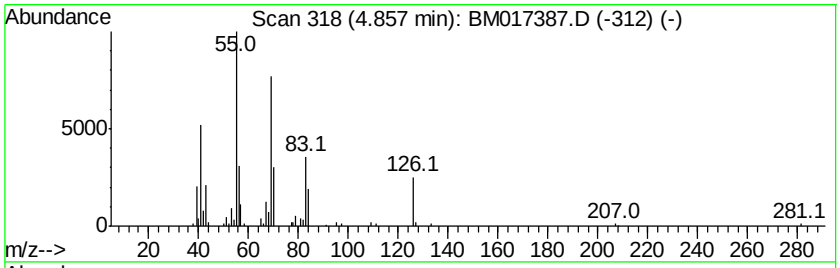
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

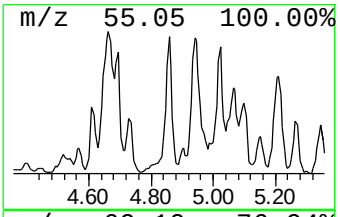
****

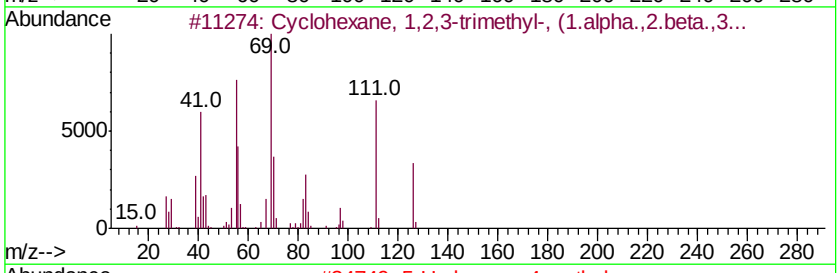
Peak Number 4 (DEL) Alkane: Cyclic4.86 Concentration Rank 16

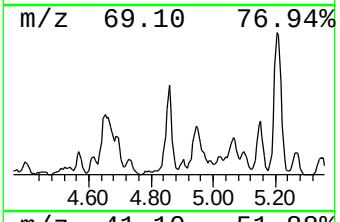
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	2.68 ng/ul	203522	1,4-Dichlorobenzene-d4	7.65

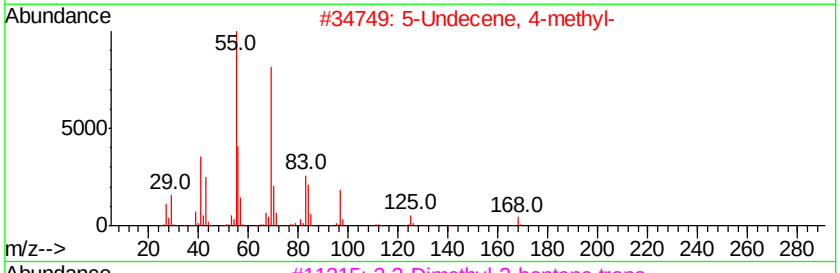
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	72
2	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	64
3	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	64
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	64
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	59

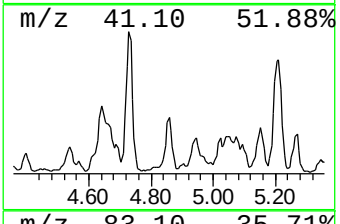


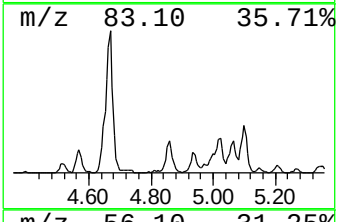


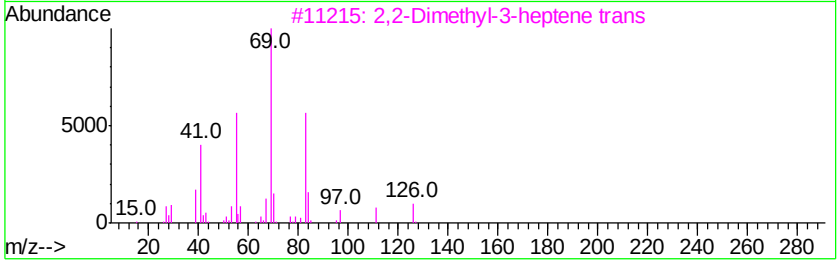


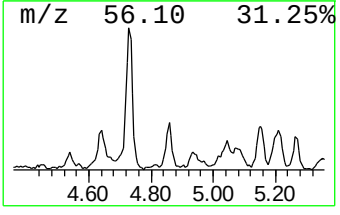












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Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

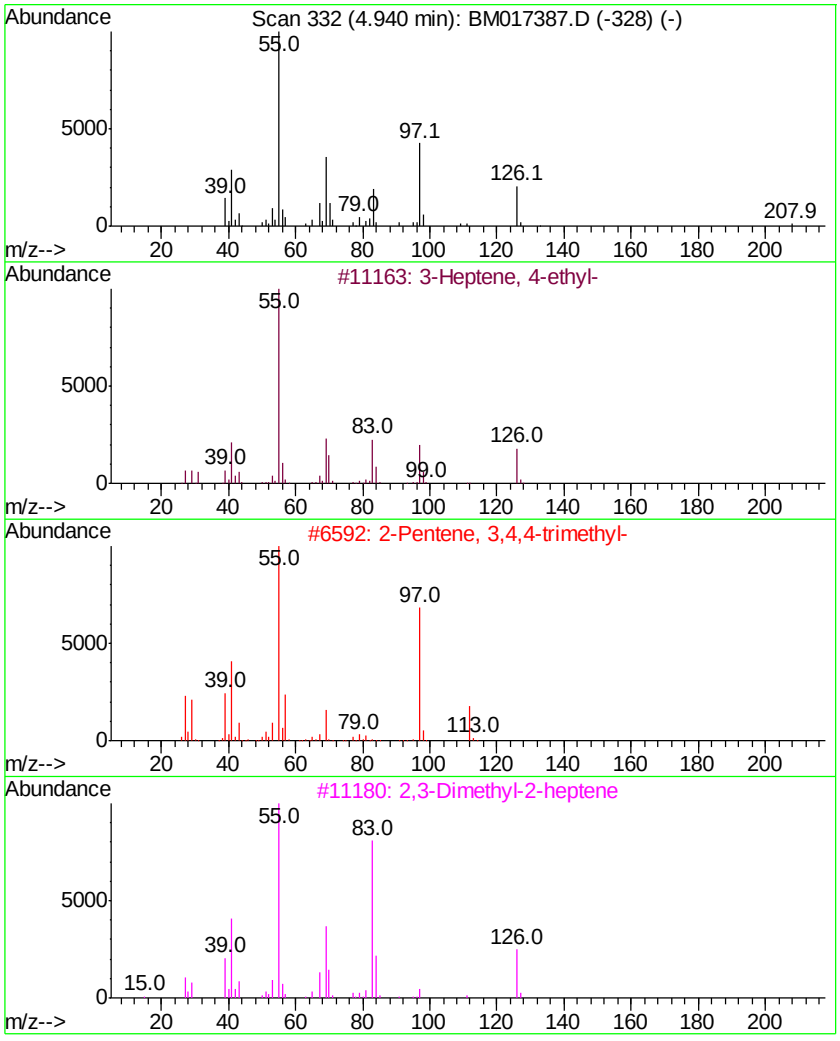
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

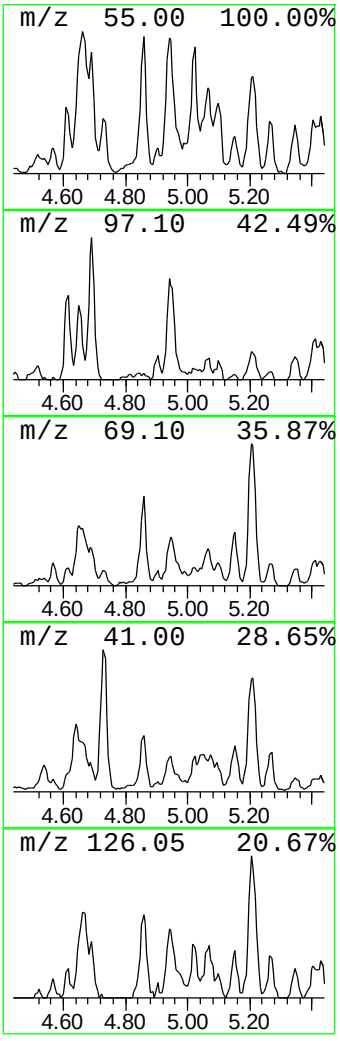
****

Peak Number 5 (DEL) Alkane: Cyclic4.94 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.60 ng/ul	197018	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	49
2	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	47
3	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	46
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43
5	trans--4-Nonene	126	C9H18	010405-85-3	43





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Instrument : BNA_M
ClientSampleId : C0BN2

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Quant Title : SVOA CALIBRATION

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

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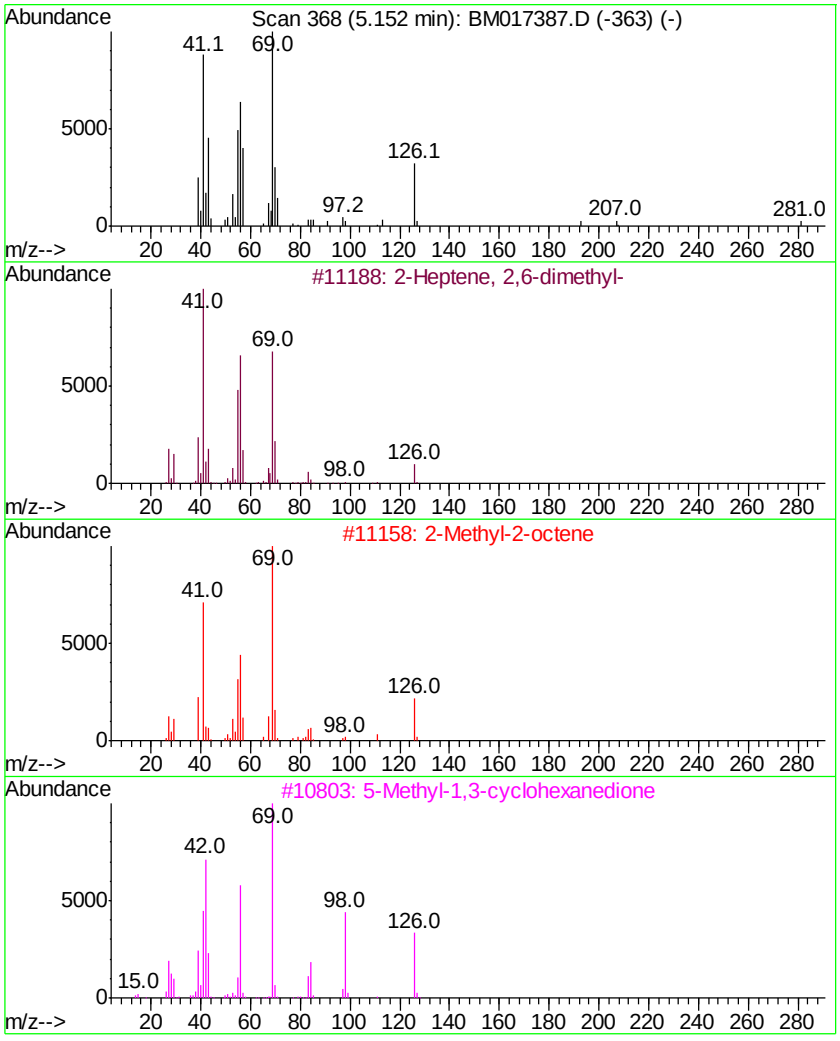
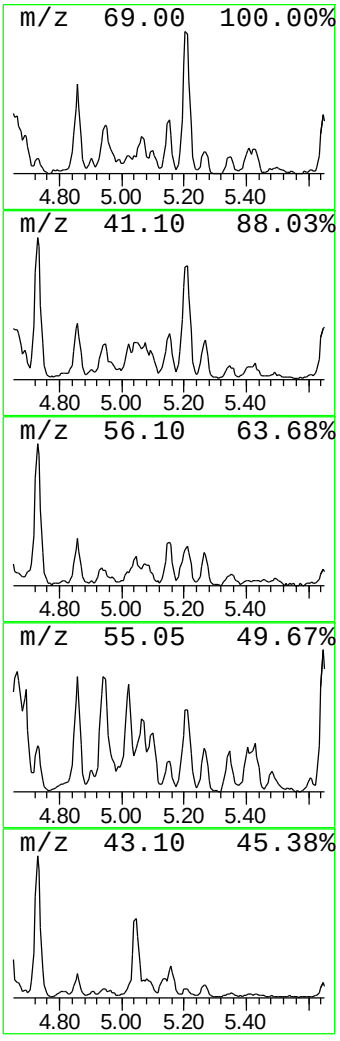
Peak Number 6 (DEL) Alkane: Cyclic5.15 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.20 ng/ul	167184	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	90
2	2-Methyl-2-octene	126	C9H18	016993-86-5	72
3	5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	59
4	2-Methyl-2-octene	126	C9H18	016993-86-5	59
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	59





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Quant Title : SVOA CALIBRATION

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

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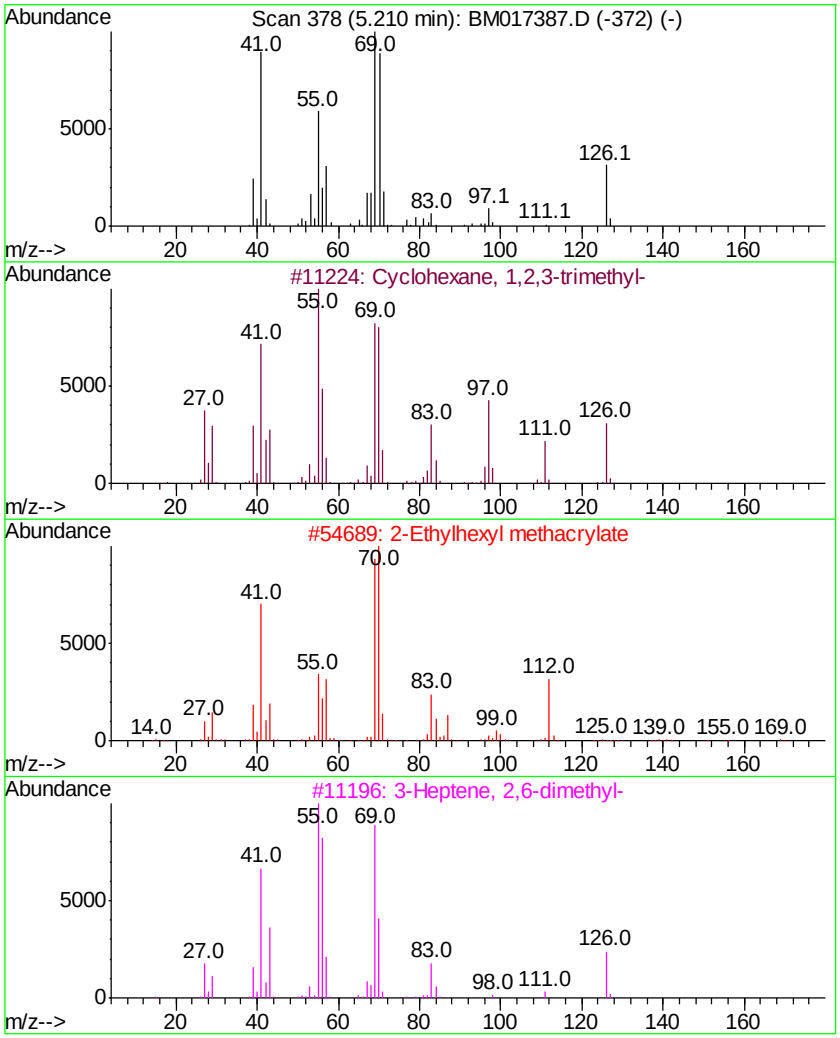
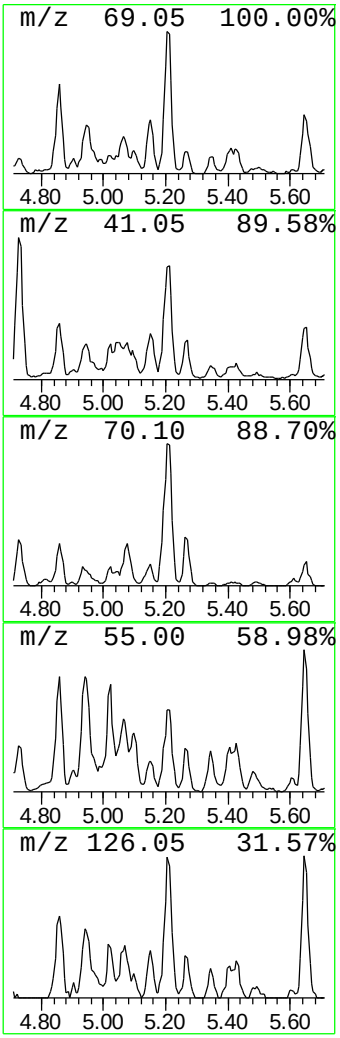
Peak Number 7 (DEL) Alkane: Cyclic5.21 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	5.36 ng/ul	406583	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	59
2	2-Ethylhexyl methacrylate	198	C12H22O2	000688-84-6	59
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	52
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	49
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	45





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Instrument : BNA_M
ClientSampleId : C0BN2

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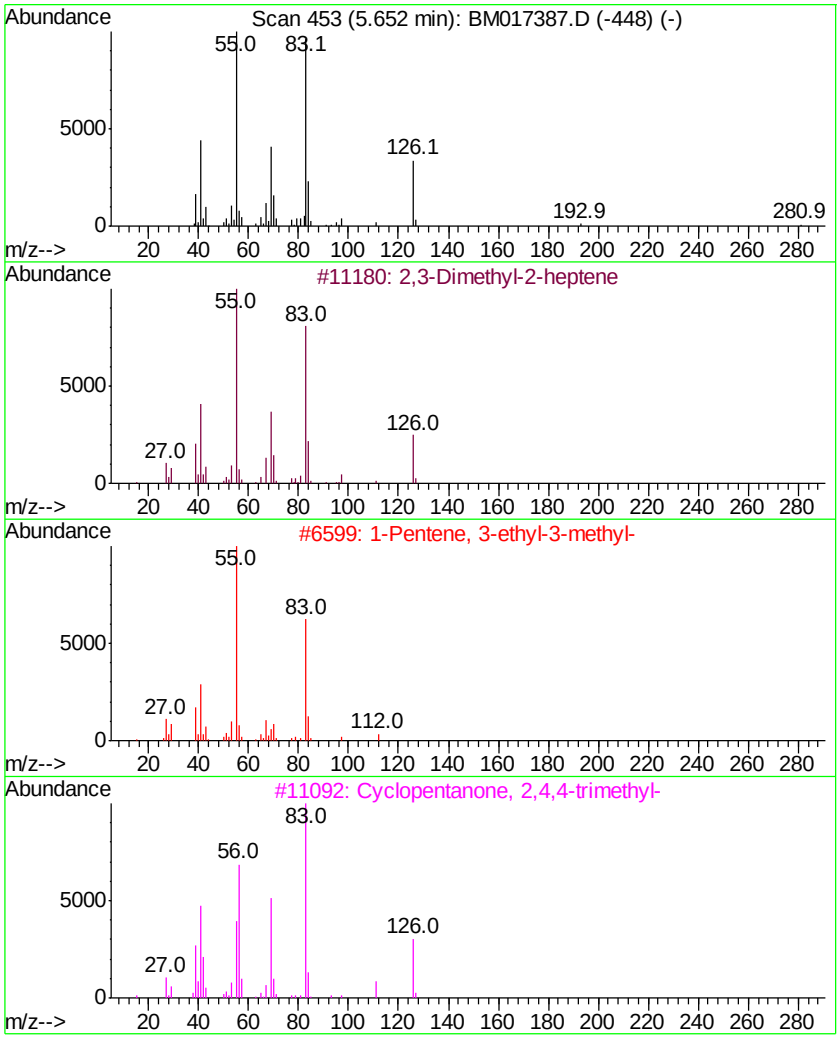
Quant Title : SVOA CALIBRATION

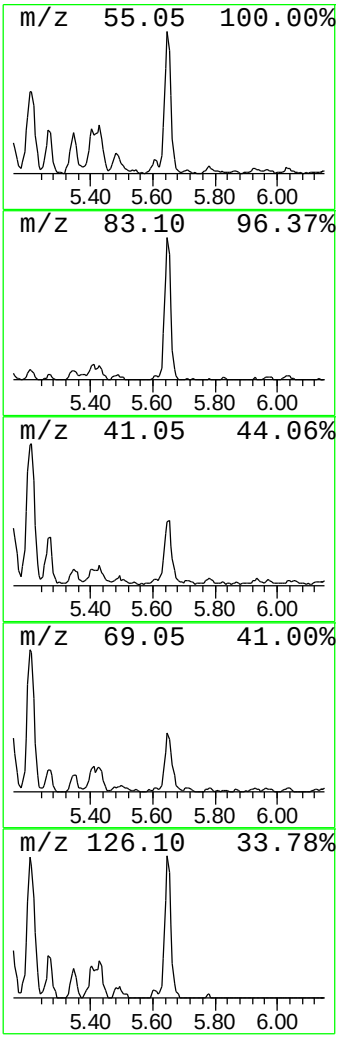
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic5.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	3.61 ng/ul	274061	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	80
2	1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	59
3	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	59
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	53
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53





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ALS Vial : 69 Sample Multiplier: 1

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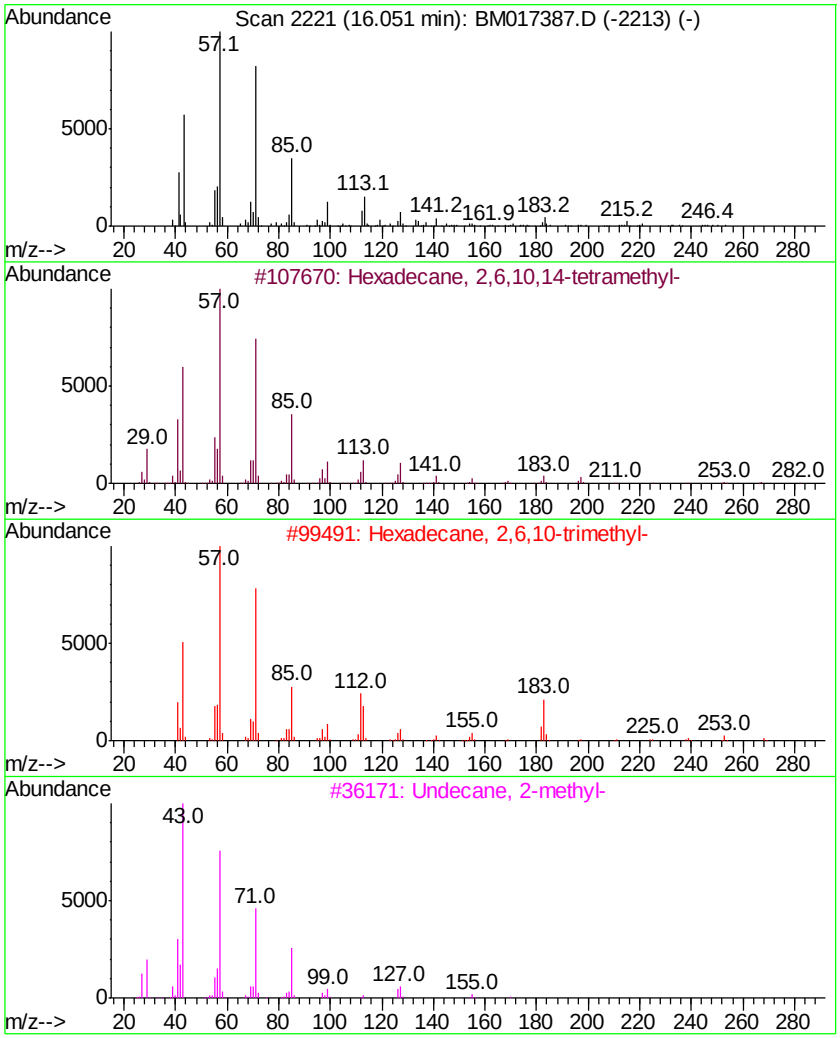
Quant Title : SVOA CALIBRATION

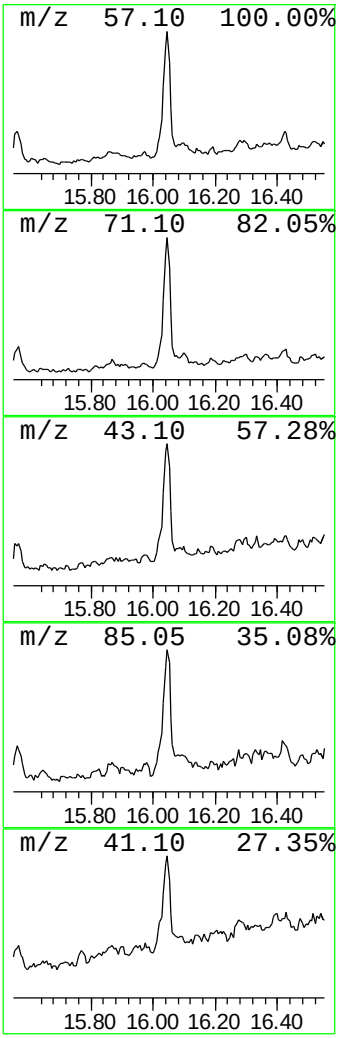
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.46 ng/ul	700567	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5	Heptacosane	380	C27H56	000593-49-7	80





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Sample : J5674-09
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ALS Vial : 69 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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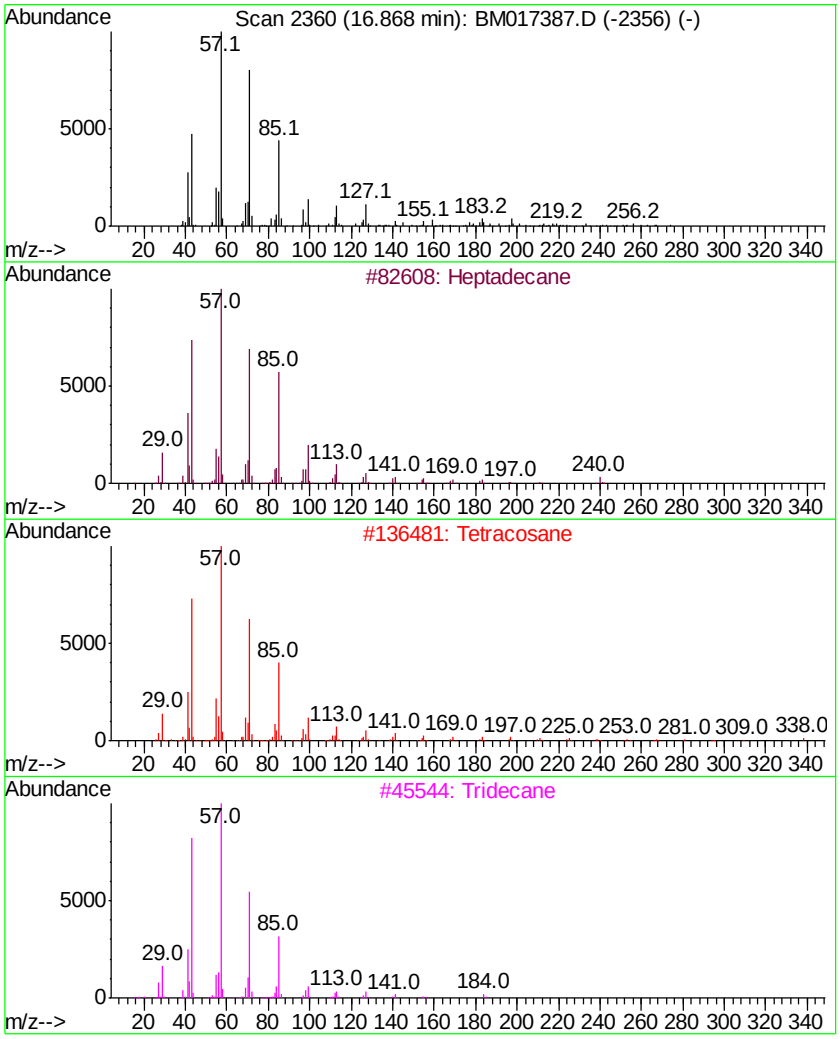
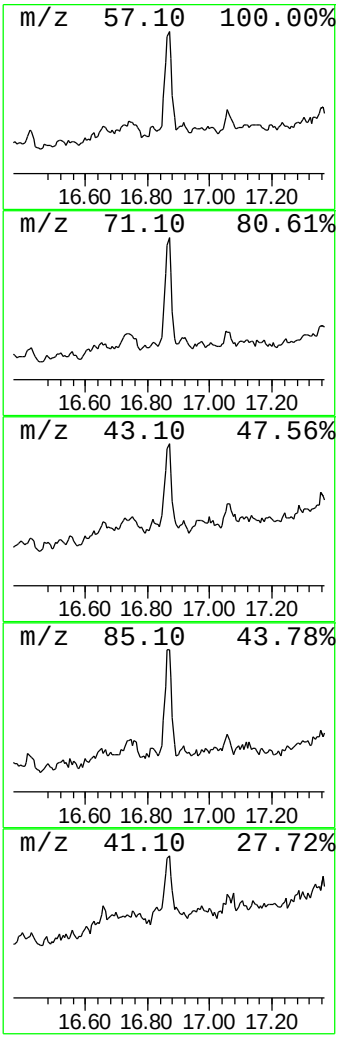
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.52 ng/ul	511042	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Sample : J5674-09
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ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

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Quant Title : SVOA CALIBRATION

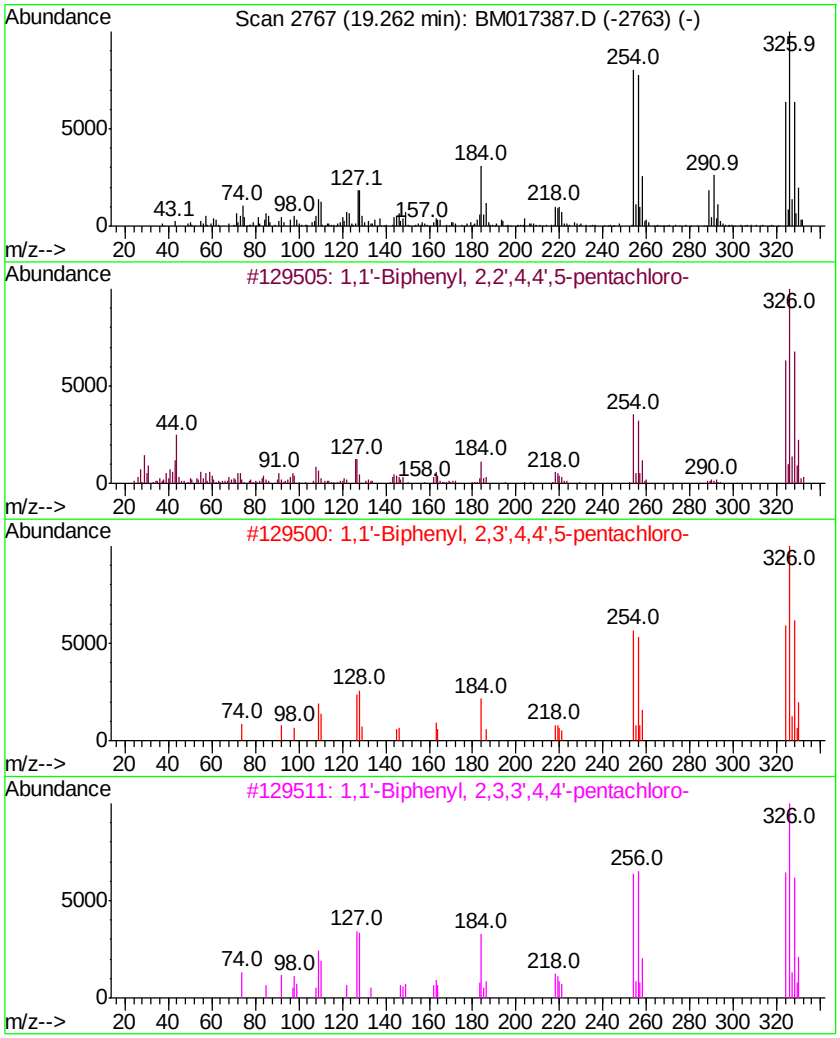
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

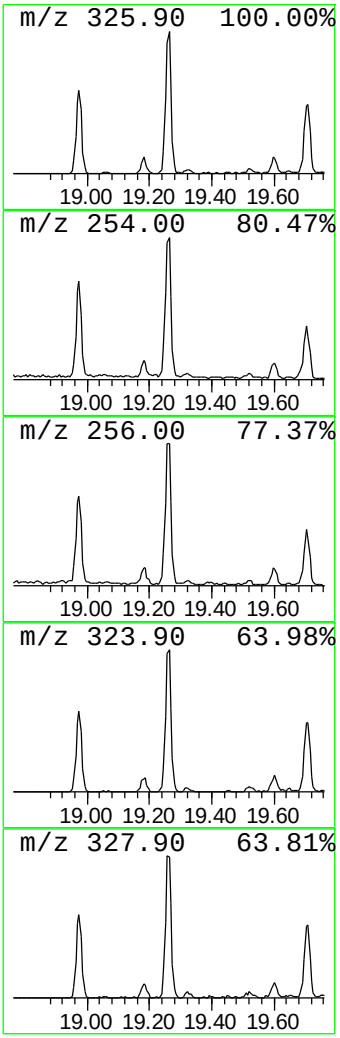
****

Peak Number 11 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.65 ng/ul	675477	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Quant Title : SVOA CALIBRATION

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

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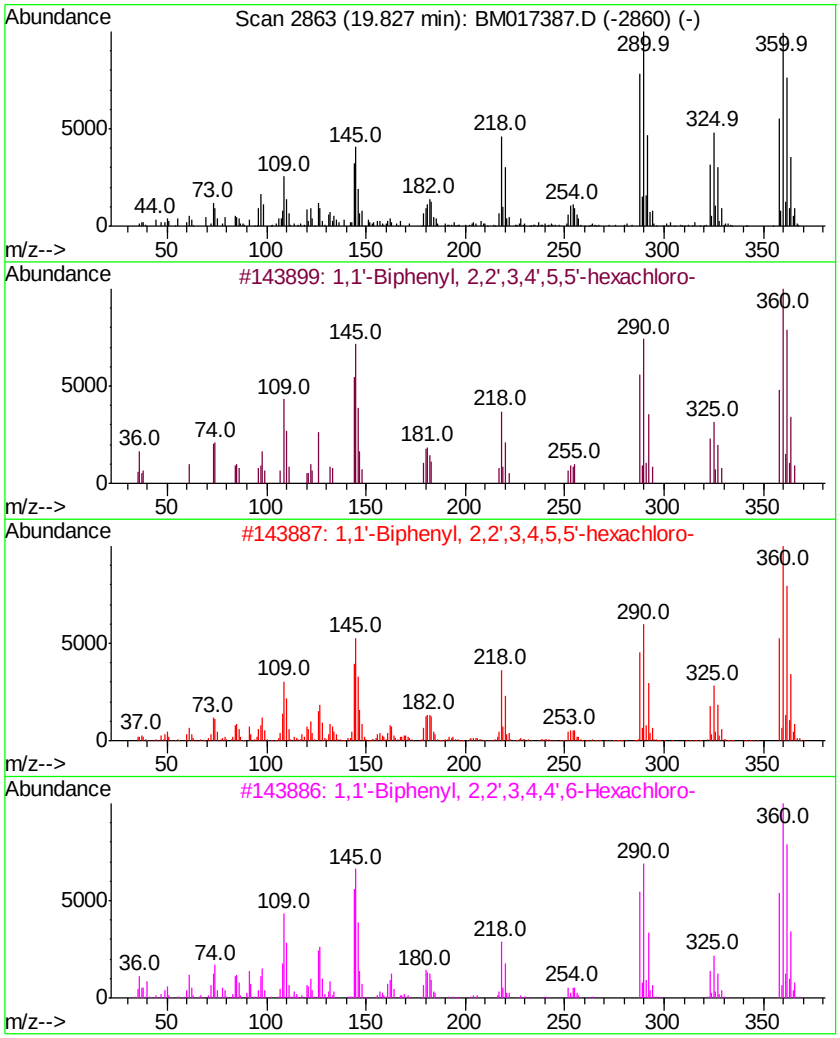
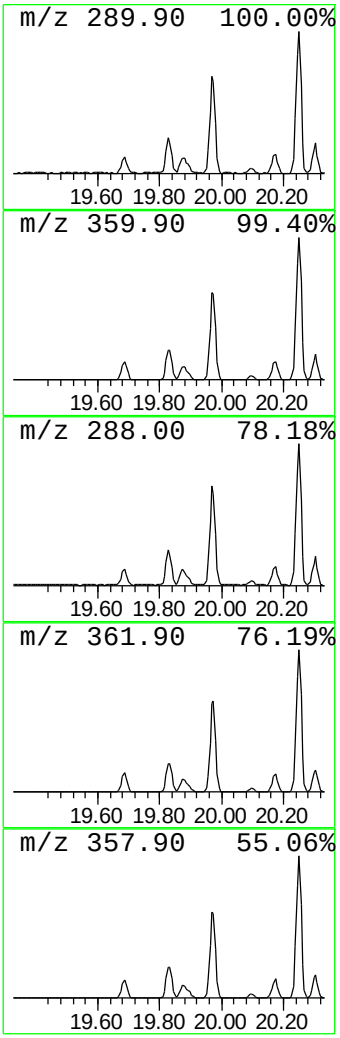
Peak Number 12 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.49 ng/ul	635036	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	98
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	98
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96





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Quant Title : SVOA CALIBRATION

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

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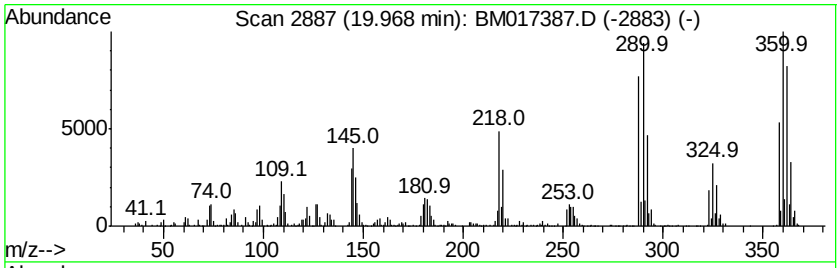
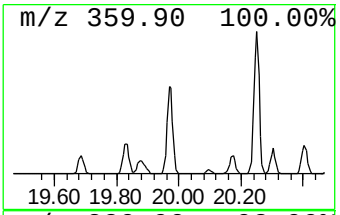
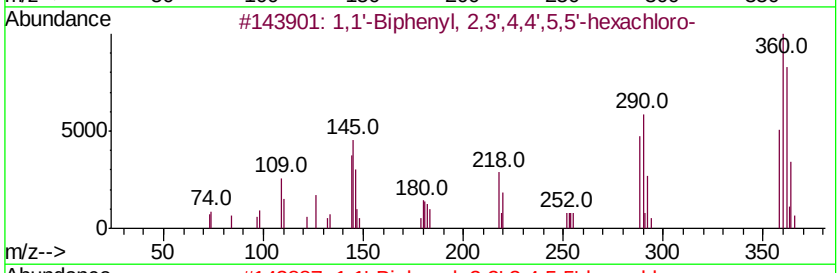
Peak Number 13 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 4

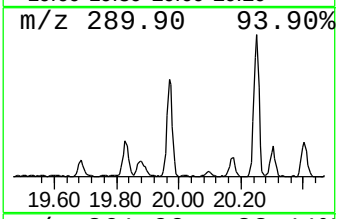
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	8.00 ng/ul	2038040	Chrysene-d12	21.24

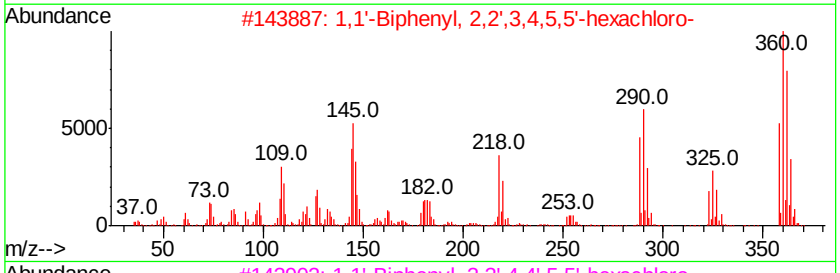
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99

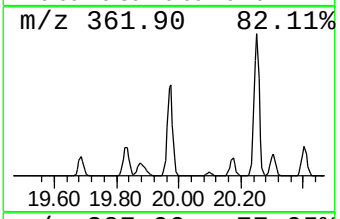


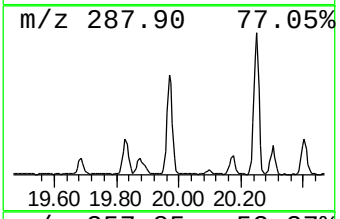


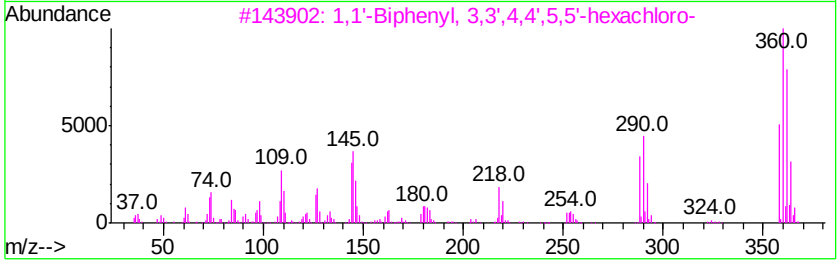


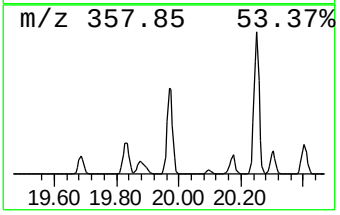












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Sample : J5674-09
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ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

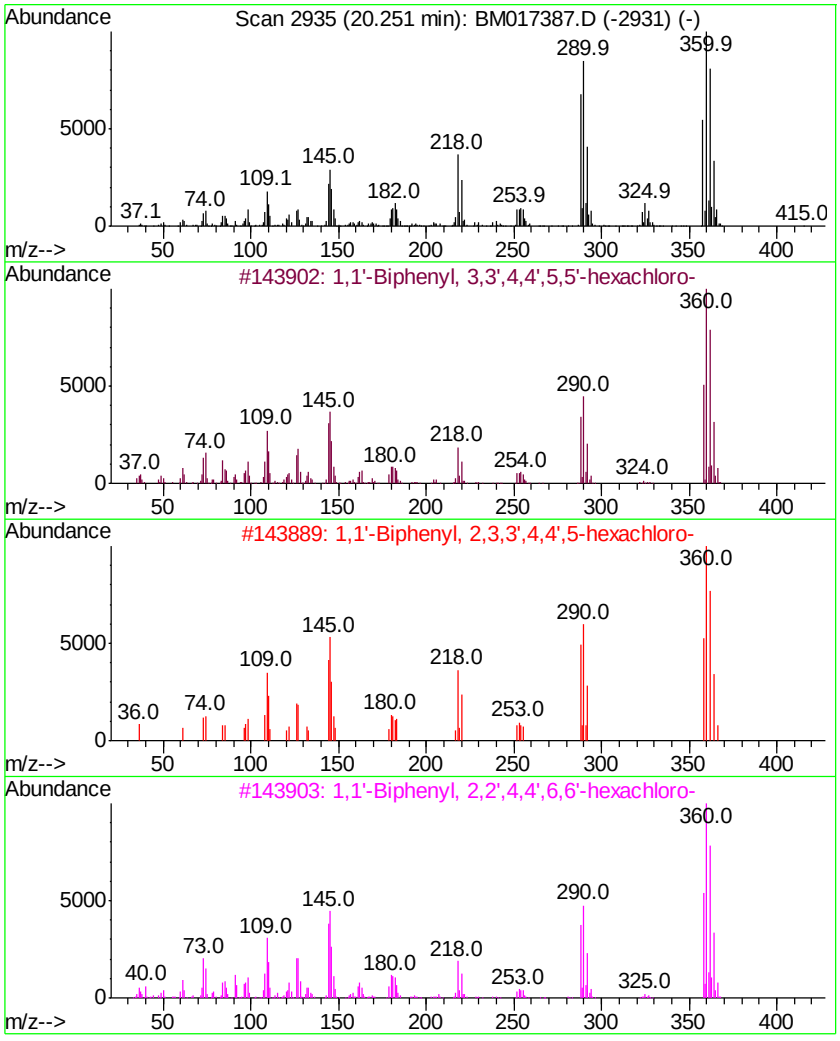
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

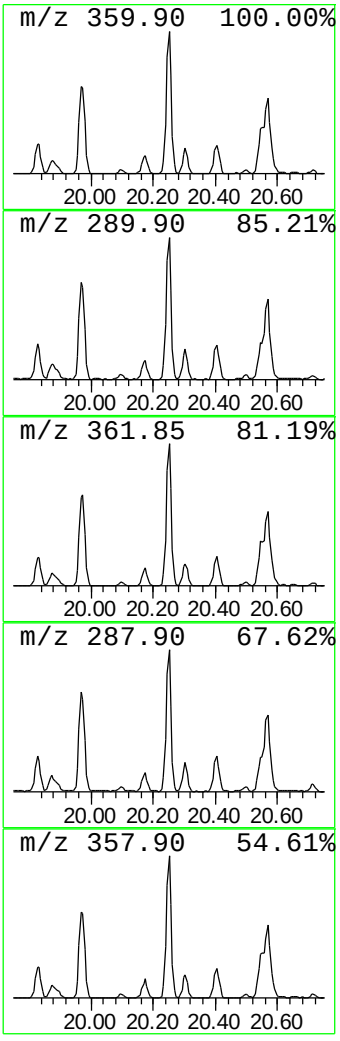
****

Peak Number 14 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	10.19 ng/ul	2595700	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	96





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Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

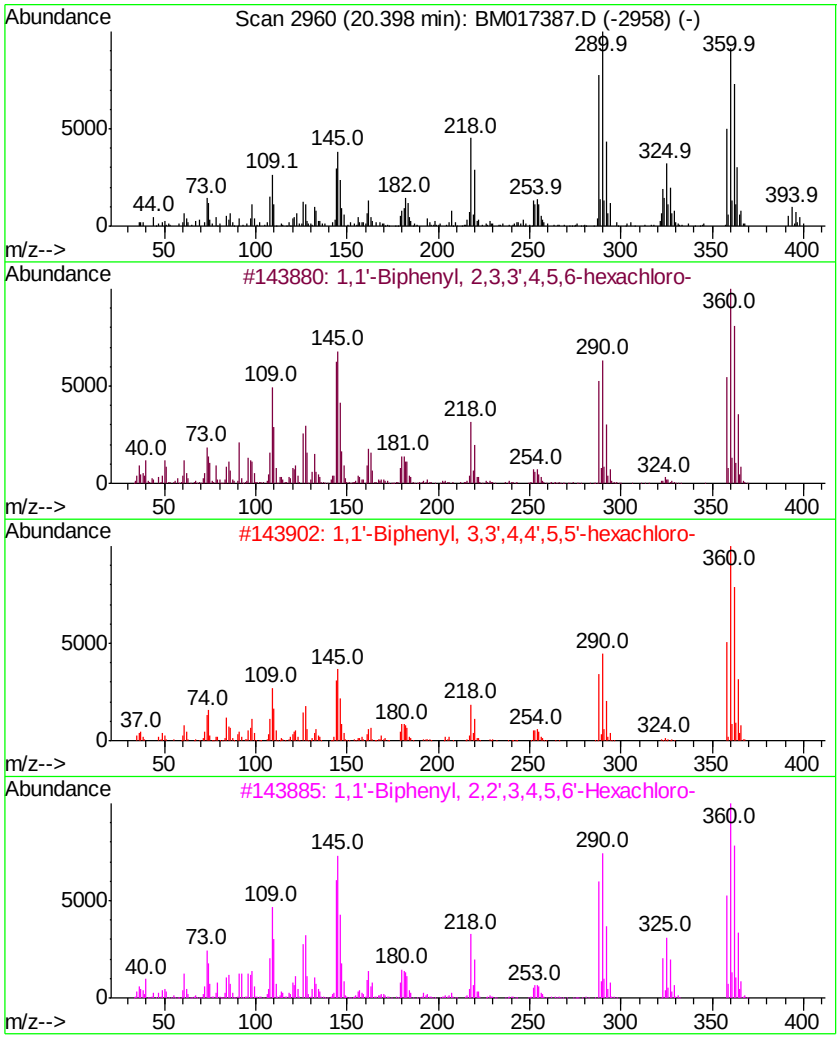
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

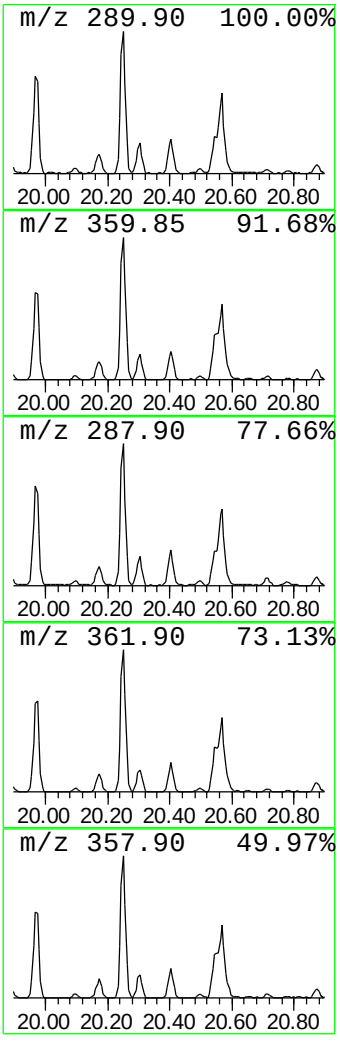
****

Peak Number 16 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	3.43 ng/ul	873180	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99





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Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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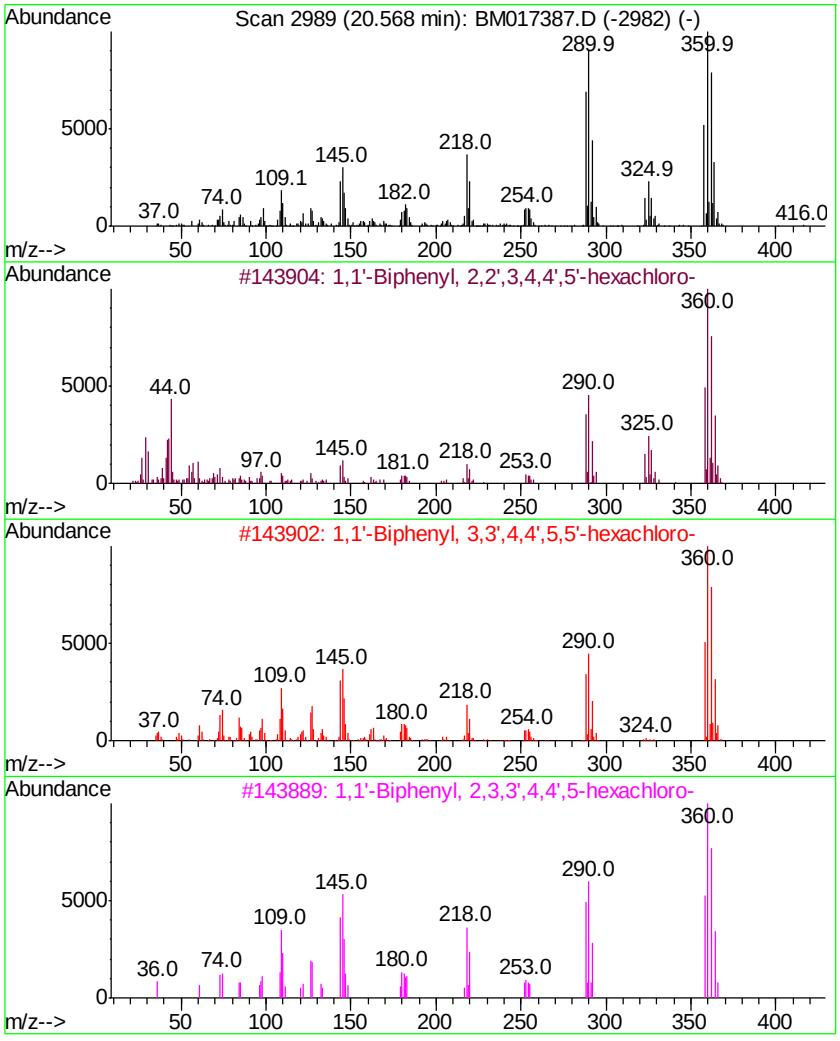
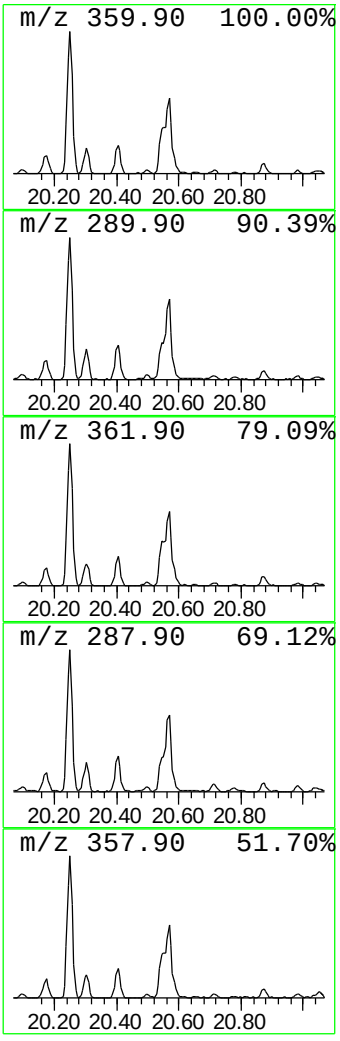
Peak Number 17 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	8.68 ng/ul	2212660	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99





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Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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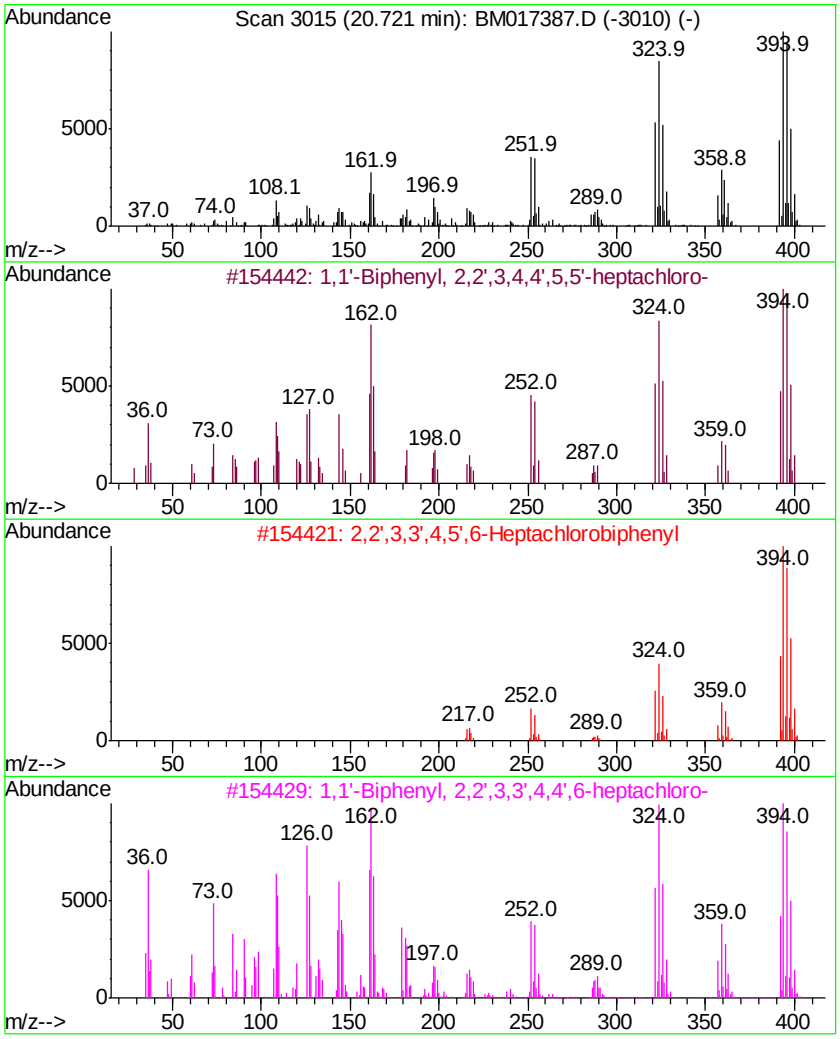
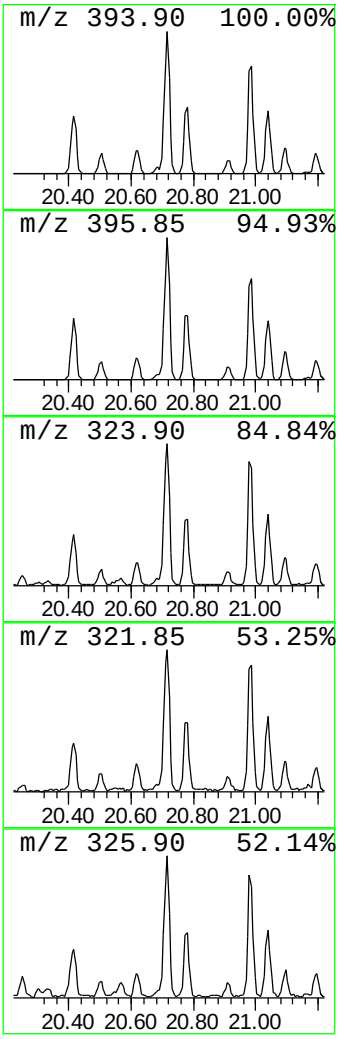
Peak Number 18 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	5.66 ng/ul	1442810	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99





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Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

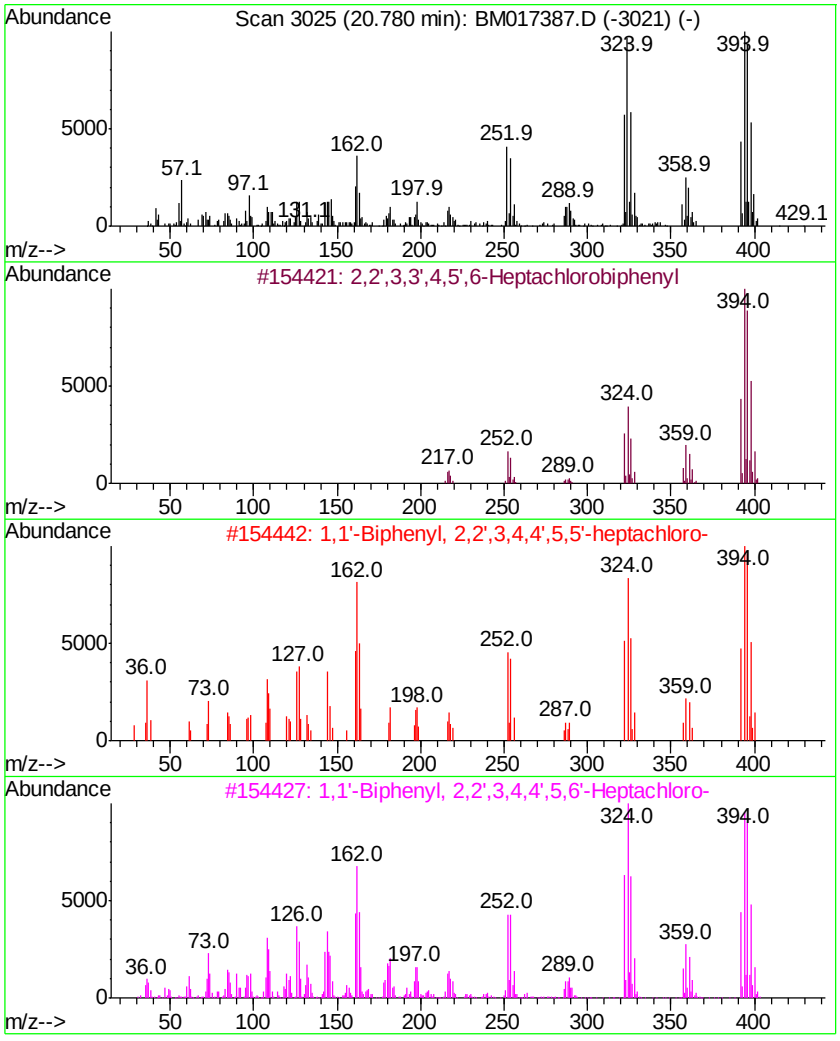
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

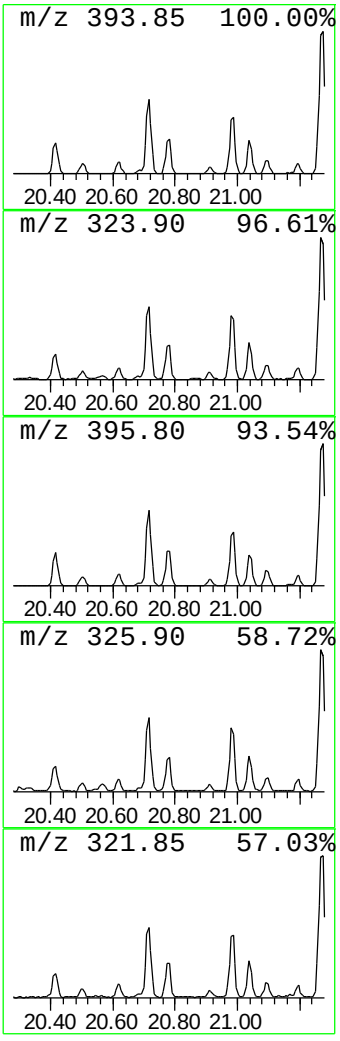
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	2.73 ng/ul	695282	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

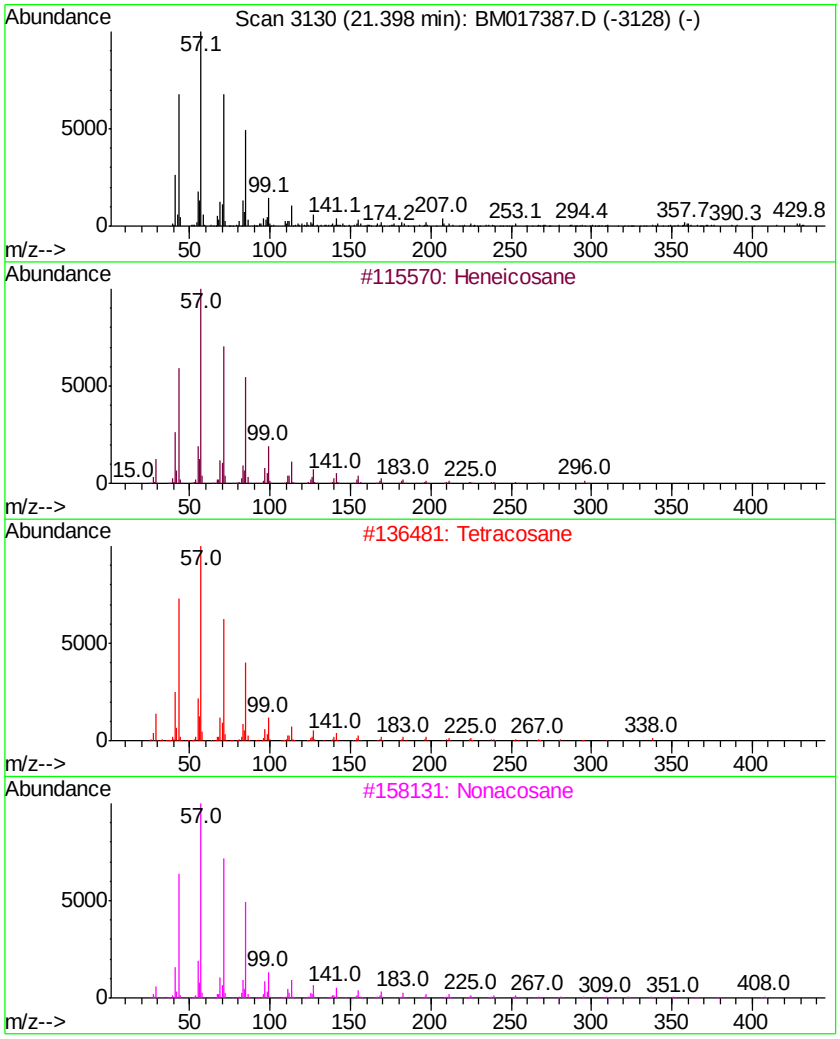
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

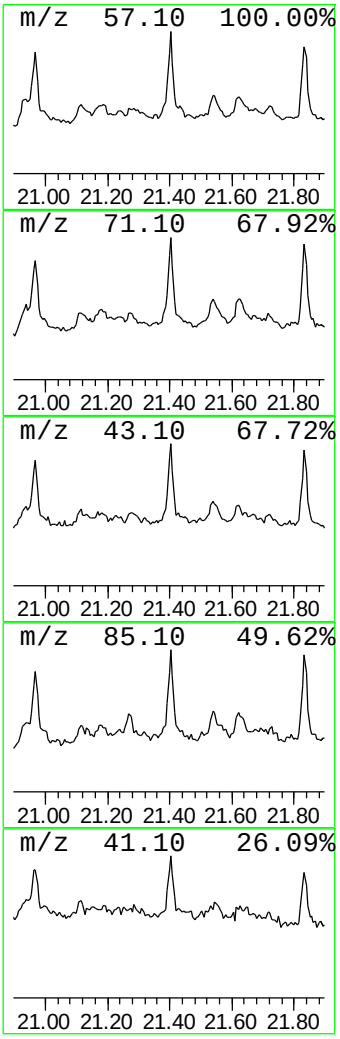
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.22 ng/ul	565668	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Nonacosane	408	C29H60	000630-03-5	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Triacontane	422	C30H62	000638-68-6	87





Library Search Compound Report

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Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

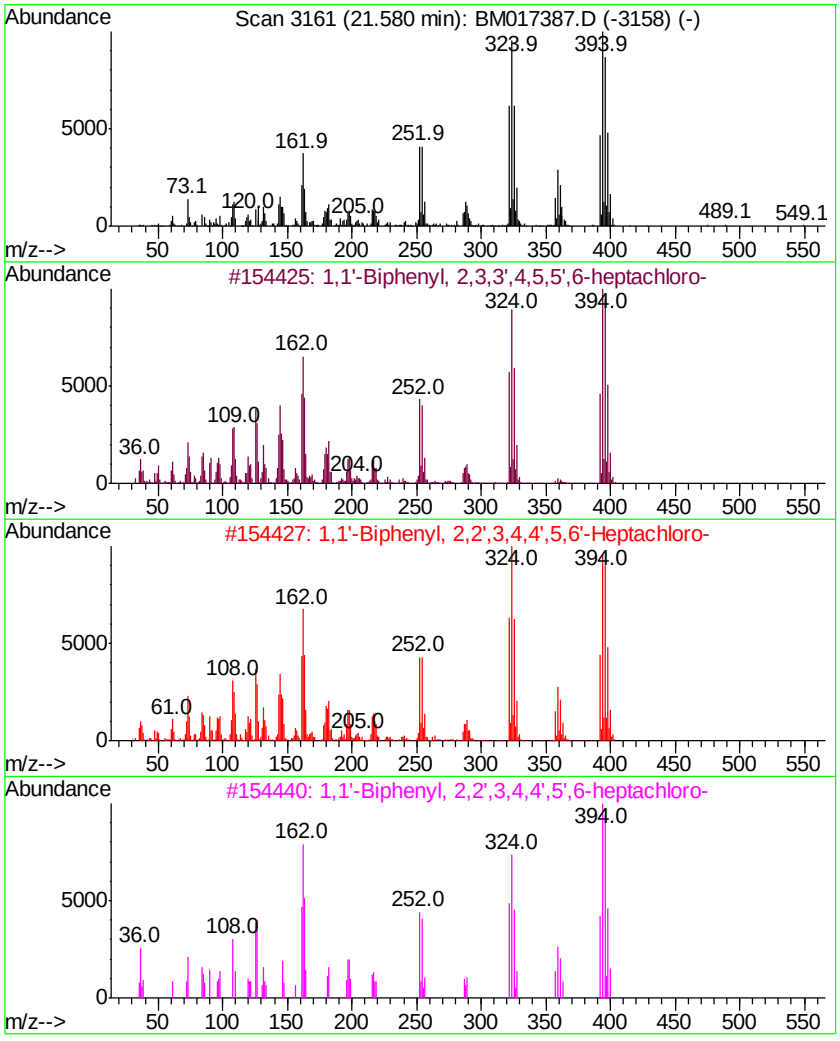
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

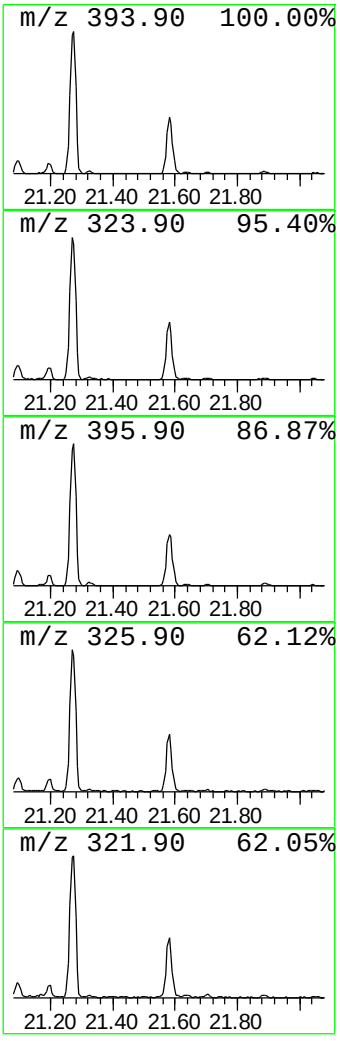
****

Peak Number 23 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	3.64 ng/ul	928436	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	97
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	96
5	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	96





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Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

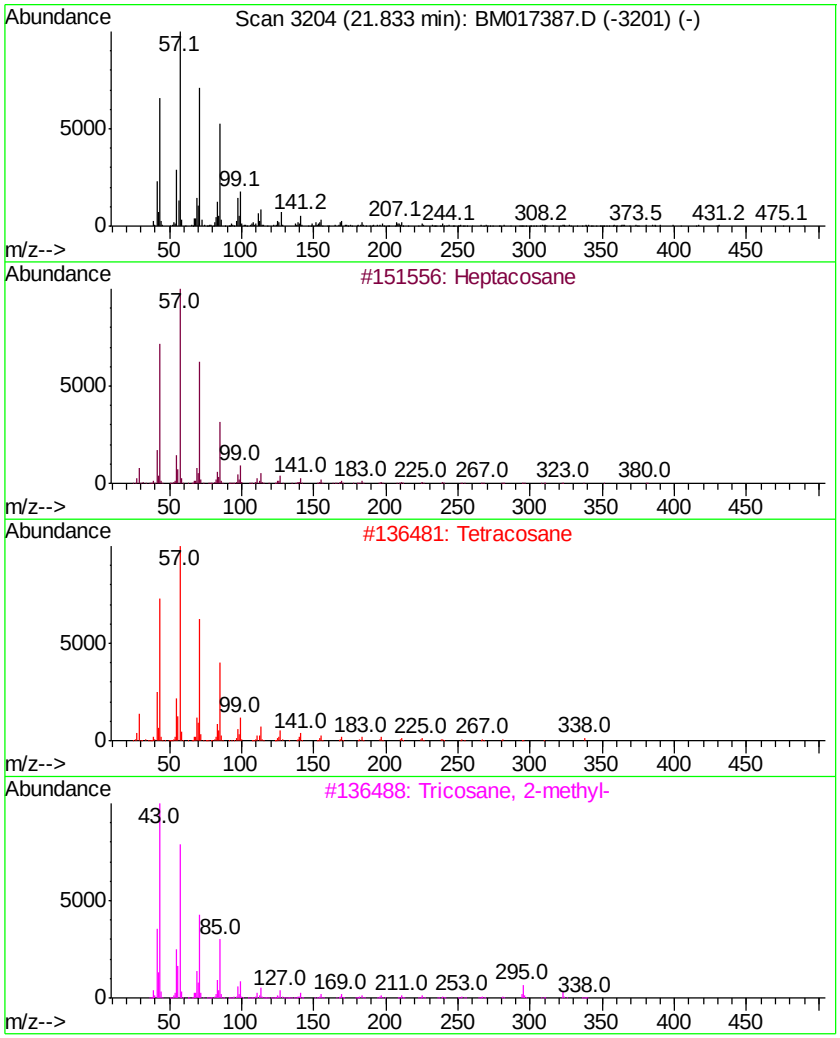
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

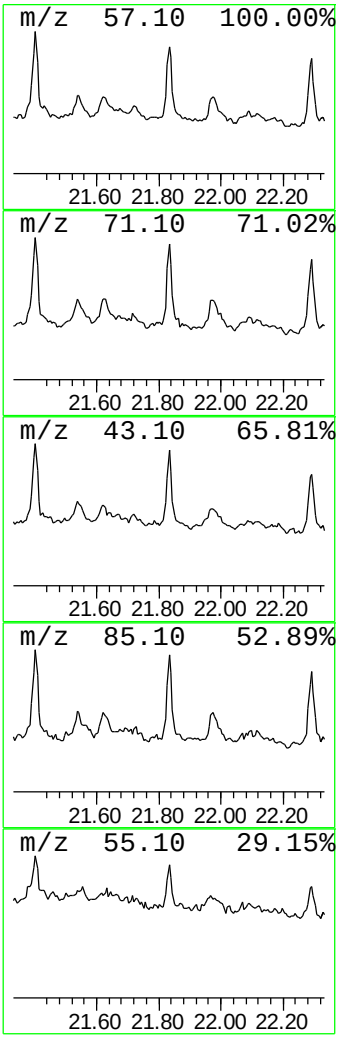
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.18 ng/ul	555861	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017387.D
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Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

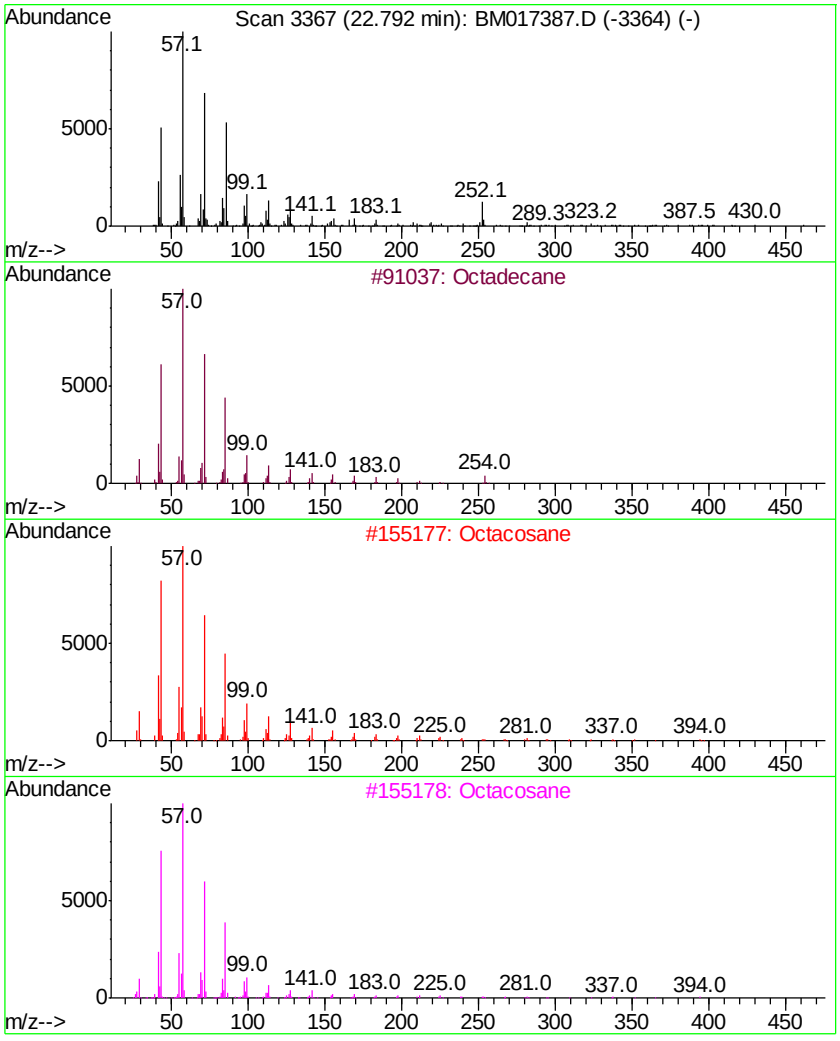
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

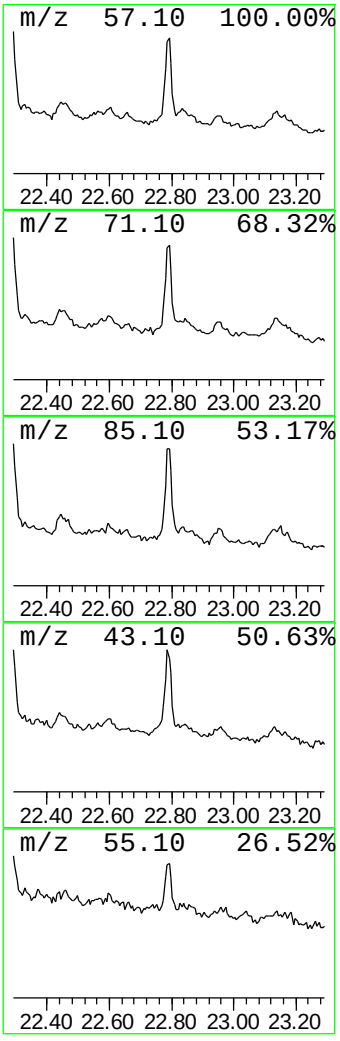
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.52 ng/ul	596424	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Octacosane	394	C28H58	000630-02-4	94
3	Octacosane	394	C28H58	000630-02-4	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	87





Tentatively Identified Compound (LSC) summary

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Acq On : 27 Oct 2018 14:46
Operator : MJ/SJ
Sample : J5674-09
Misc : GCMS Confirmation
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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
(DEL) Alkane: Str...	3.14	15.7	ng/ul	1188150	1	7.65	1518180	20.0
(DEL) Alkane: Str...	4.64	5.5	ng/ul	419975	1	7.65	1518180	20.0
(DEL) Alkane: Str...	4.73	7.1	ng/ul	538362	1	7.65	1518180	20.0
(DEL) Alkane: Cyc...	4.86	2.7	ng/ul	203522	1	7.65	1518180	20.0
(DEL) Alkane: Cyc...	4.94	2.6	ng/ul	197018	1	7.65	1518180	20.0
(DEL) Alkane: Cyc...	5.15	2.2	ng/ul	167184	1	7.65	1518180	20.0
(DEL) Alkane: Cyc...	5.21	5.4	ng/ul	406583	1	7.65	1518180	20.0
(DEL) Alkane: Cyc...	5.65	3.6	ng/ul	274061	1	7.65	1518180	20.0
(DEL) Alkane: Str...	16.05	3.5	ng/ul	700567	4	17.04	4050750	20.0
(DEL) Alkane: Str...	16.87	2.5	ng/ul	511042	4	17.04	4050750	20.0
1,1'-Biphenyl, 2,...	19.26	2.6	ng/ul	675477	5	21.24	5096770	20.0
1,1'-Biphenyl, 2,...	19.83	2.5	ng/ul	635036	5	21.24	5096770	20.0
1,1'-Biphenyl, 2,...	19.97	8.0	ng/ul	2038040	5	21.24	5096770	20.0
1,1'-Biphenyl, 3,...	20.25	10.2	ng/ul	2595700	5	21.24	5096770	20.0
1,1'-Biphenyl, 2,...	20.40	3.4	ng/ul	873180	5	21.24	5096770	20.0
1,1'-Biphenyl, 2,...	20.57	8.7	ng/ul	2212660	5	21.24	5096770	20.0
1,1'-Biphenyl, 2,...	20.72	5.7	ng/ul	1442810	5	21.24	5096770	20.0
2,2',3,3',4,5',6-...	20.78	2.7	ng/ul	695282	5	21.24	5096770	20.0
(DEL) Alkane: Str...	21.40	2.2	ng/ul	565668	5	21.24	5096770	20.0
1,1'-Biphenyl, 2,...	21.58	3.6	ng/ul	928436	5	21.24	5096770	20.0
(DEL) Alkane: Str...	21.83	2.2	ng/ul	555861	5	21.24	5096770	20.0
(DEL) Alkane: Str...	22.79	2.5	ng/ul	596424	6	23.45	4740750	20.0