LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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-BM100418MA.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	3.175	28	32	37	rVB	697752	766289	2.45%	0.208%
2	4.575	267	270	273	rVB2	86186	100260	0.32%	0.027%
3	4.675	284	287	294	rVB2	130322	173023	0.55%	0.047%
4	4.764	298	302	309	rVB	425464	566125	1.81%	0.154%
5	5.081	353	356	360	rBV	100892	108650	0.35%	0.030%
6	7.687	793	799	803	rBV	738799	1155013	3.70%	0.314%
7	8.034	853	858	869	rVB	147895	248624	0.80%	0.068%
8	10.334	1240	1249	1260	rBV	11827432	20479836	65.60%	5.569%
9	10.463	1260	1271	1280	rVB	1091532	1895741	6.07%	0.515%
10	10.846	1328	1336	1346	rBV	2116289	3435600	11.01%	0.934%
11	11.151	1379	1388	1394	rBV9	14866	36499	0.12%	0.010%
12	11.493	1440	1446	1452	rBV4	32801	74335	0.24%	0.020%
13	11.563	1455	1458	1464	rVB6	22429	42233	0.14%	0.011%
14	11.893	1509	1514	1518	rBV	56061	86683	0.28%	0.024%
15	12.116	1550	1552	1561	rVB8	19845	40002	0.13%	0.011%
16	12.198	1561	1566	1573	rBV7	28461	64491	0.21%	0.018%
17	12.504	1607	1618	1626	rBV	1023642	1767853	5.66%	0.481%
18	12.669	1642	1646	1651	rBV6	27648	55546	0.18%	0.015%
19	12.751	1656	1660	1665	rVB2	78916	118081	0.38%	0.032%
20	12.810	1667	1670	1672	rVV3	26787	39121	0.13%	0.011%
21	12.857	1676	1678	1683	rVB	63595	81877	0.26%	0.022%
22	12.916	1683	1688	1694	rBV4	61479	118433	0.38%	0.032%
23	13.116	1715	1722	1727	rBV	2048748	3177373	10.18%	0.864%
24	13.245	1742	1744	1749	rVB5	35434	47235	0.15%	0.013%
25	13.640	1808	1811	1816	rBV5	74495	126268	0.40%	0.034%
26	13.740	1824	1828	1833	rBV	586709	807541	2.59%	0.220%
27	13.816	1838	1841	1845	rVV2	255155	363952	1.17%	0.099%
28	13.857	1845	1848	1856	rVB4	186589	402664	1.29%	0.109%
29	14.063	1878	1883	1889	rBV4	336657	742940	2.38%	0.202%
30	14.157	1894	1899	1906	rVB	953232	1510032	4.84%	0.411%
31	14.234	1907	1912	1916	rBV4	278952	494486	1.58%	0.134%
32	14.292	1917	1922	1924	rBV2	408482	692872	2.22%	0.188%
33	14.328	1924	1928	1936	rVB2	1771444	2730002	8.75%	0.742%
34	14.657	1981	1984	1988	rBV	213423	256355	0.82%	0.070%

LSC Area Percent Report

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Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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-BM100418MA.M
Title : SVOA CALIBRATION

35	14.863	2015	2019	2025	rBV2	538029	900447	2.88%	0.245%
36	15.051	2046	2051	2057	rBV6	483752	1007199	3.23%	0.274%
37	15.116	2057	2062	2068	rBV2	1478964	2412082	7.73%	0.656%
38	16.086	2219	2227	2234	rBV2	3557416	7626575	24.43%	2.074%
39	16.910	2364	2367	2374	rVB	2598724	4035578	12.93%	1.097%
40	17.086	2394	2397	2402	rBV2	1616449	2533386	8.12%	0.689%
41	19.010	2720	2724	2730	rVB	8100405	10904700	34.93%	2.965%
42	19.298	2769	2773	2778	rVB	10030527	13398242	42.92%	3.643%
43	19.721	2841	2845	2847	rBV	4709066	6348980	20.34%	1.726%
44	19.869	2866	2870	2874	rVB	9375169	11045011	35.38%	3.003%
45	19.910	2874	2877	2888	rVB2	4024818	8268290	26.49%	2.248%
46	20.016	2889	2895	2899	rBV	21941994	28547426	91.45%	7.763%
47	20.057	2900	2902	2907	rVB	1847460	1981462	6.35%	0.539%
48	20.210	2924	2928	2936	rVB2	3492399	4756654	15.24%	1.293%
49	20.292	2937	2942	2946	rVB	22988960	31217013	100.00%	8.489%
50	20.339	2946	2950	2958	rVB	6665305	8716731	27.92%	2.370%
51	20.445	2963	2968	2974	rVB2	10840348	15854393	50.79%	4.311%
52	20.533	2980	2983	2987	rVB2	2482197	2987648	9.57%	0.812%
53	20.610	2987	2996	3001	rVV	15254677	30858291	98.85%	8.391%
54	20.651	3001	3003	3007	rVB	2478747	2464739	7.90%	0.670%
55	20.751	3016	3020	3026	rVB	13841926	16952655	54.31%	4.610%
56	20.816	3027	3031	3035	rVB	7025021	8085578	25.90%	2.199%
57	20.904	3043	3046	3050	rBV	1654701	1845254	5.91%	0.502%
58	20.945	3050	3053	3057	rBV	1508837	1682025	5.39%	0.457%
59	21.021	3061	3066	3070	rVB	12362938	15004141	48.06%	4.080%
60	21.074	3071	3075	3080	rVB	7301117	9030198	28.93%	2.456%
61	21.127	3081	3084	3087	rBV	2897338	3450091	11.05%	0.938%
62	21.227	3098	3101	3105	rVB	1848247	2028391	6.50%	0.552%
63	21.280	3105	3110	3111	rVV	1922972	2824031	9.05%	0.768%
64	21.310	3111	3115	3120	rVB	23506313	29898710	95.78%	8.130%
65	21.615	3162	3167	3172	rBV	10083113	13970652	44.75%	3.799%
66	21.674	3172	3177	3183	rVB	4466370	6175903	19.78%	1.679%
67	21.739	3184	3188	3194	rVB	5807555	6951533	22.27%	1.890%
68	22.080	3242	3246	3251	rVB	1884329	2390884	7.66%	0.650%
69	22.304	3279	3284	3290	rVB	3789356	5494983	17.60%	1.494%
70	22.745	3356	3359	3364	rVB	697799	929967	2.98%	0.253%
71	23.498	3482	3487	3497	rVB	1223585	2367315	7.58%	0.644%

LSC Area Percent Report

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Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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-BM100418MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 367753193

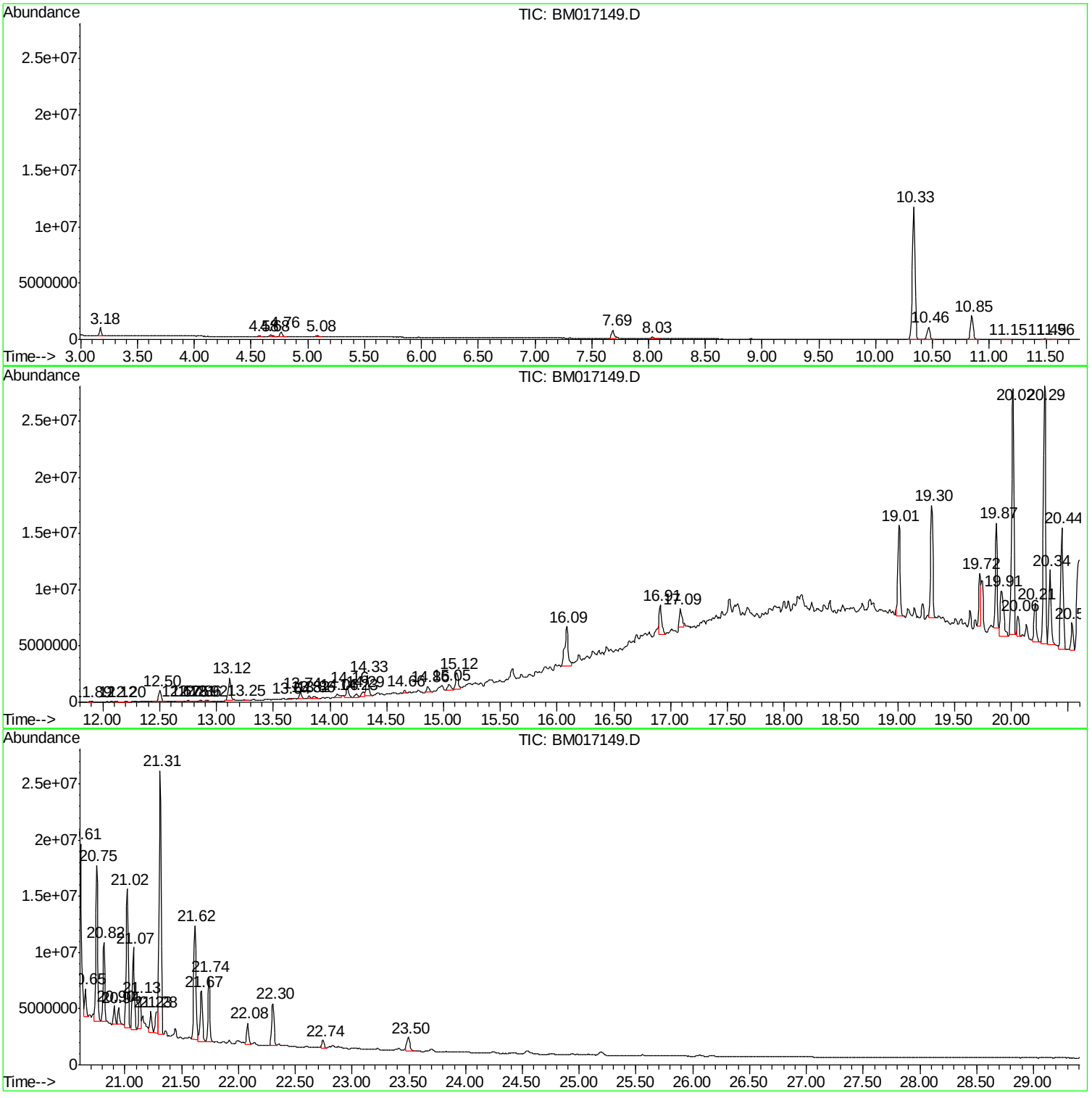
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

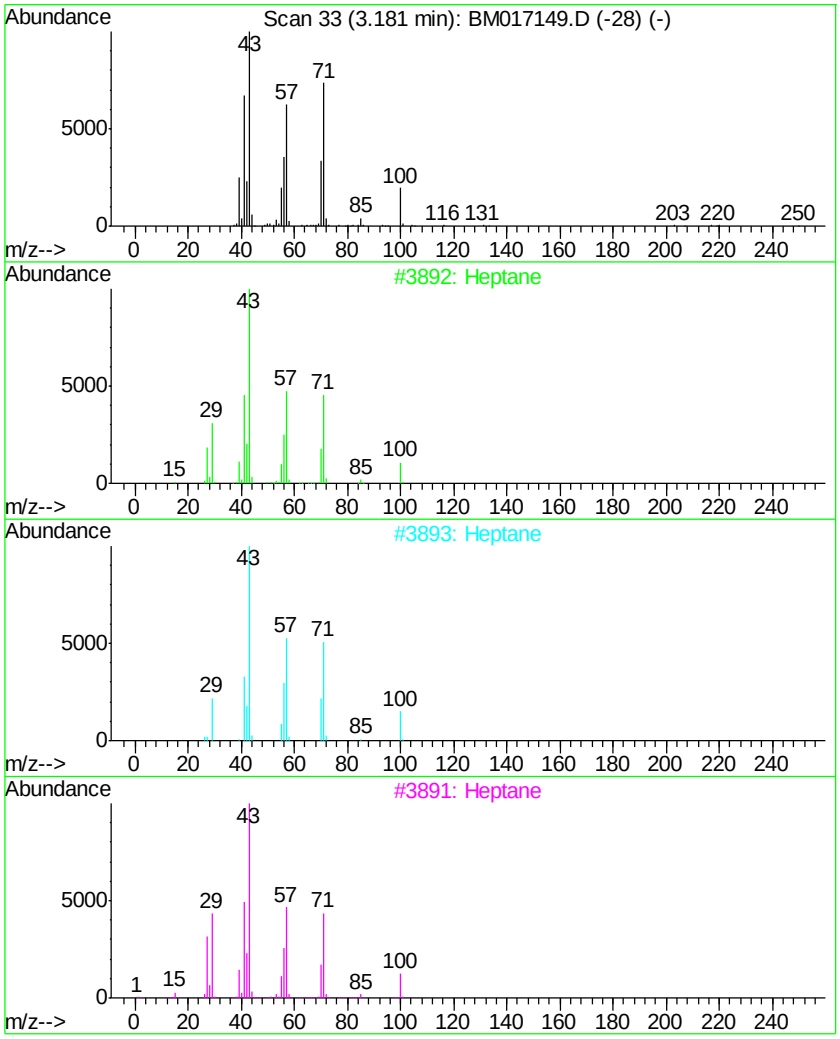
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

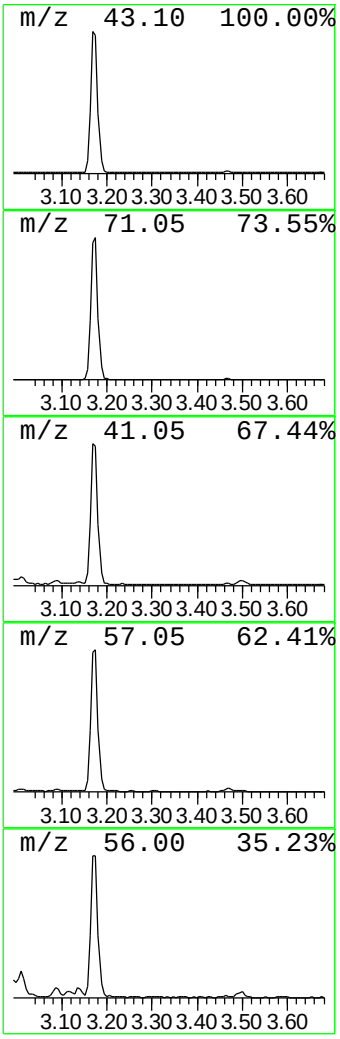
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	13.27 ng/ul	766289	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	68
4	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	59
5	Heptane	100	C7H16	000142-82-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

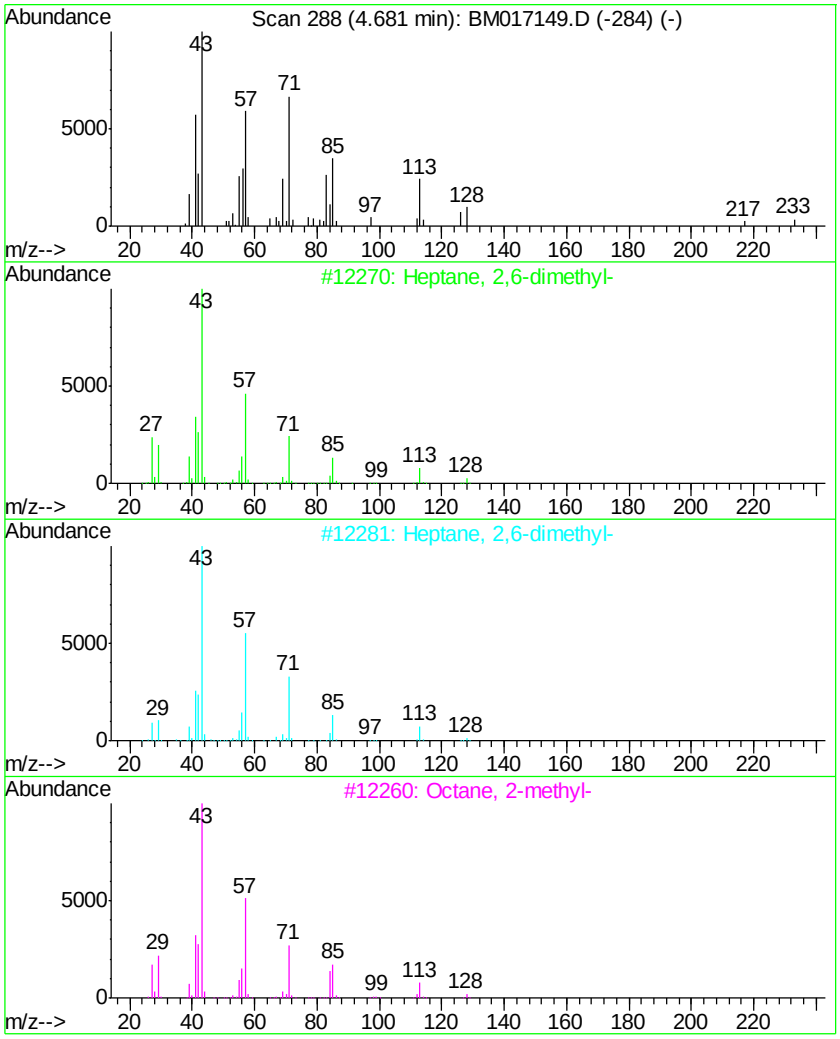
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

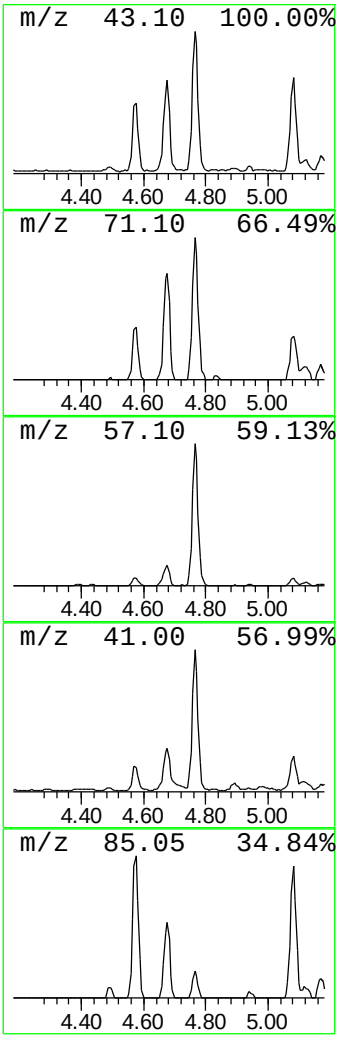
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.00 ng/ul	173023	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	87
3	Octane, 2-methyl-	128	C9H20	003221-61-2	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	59
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

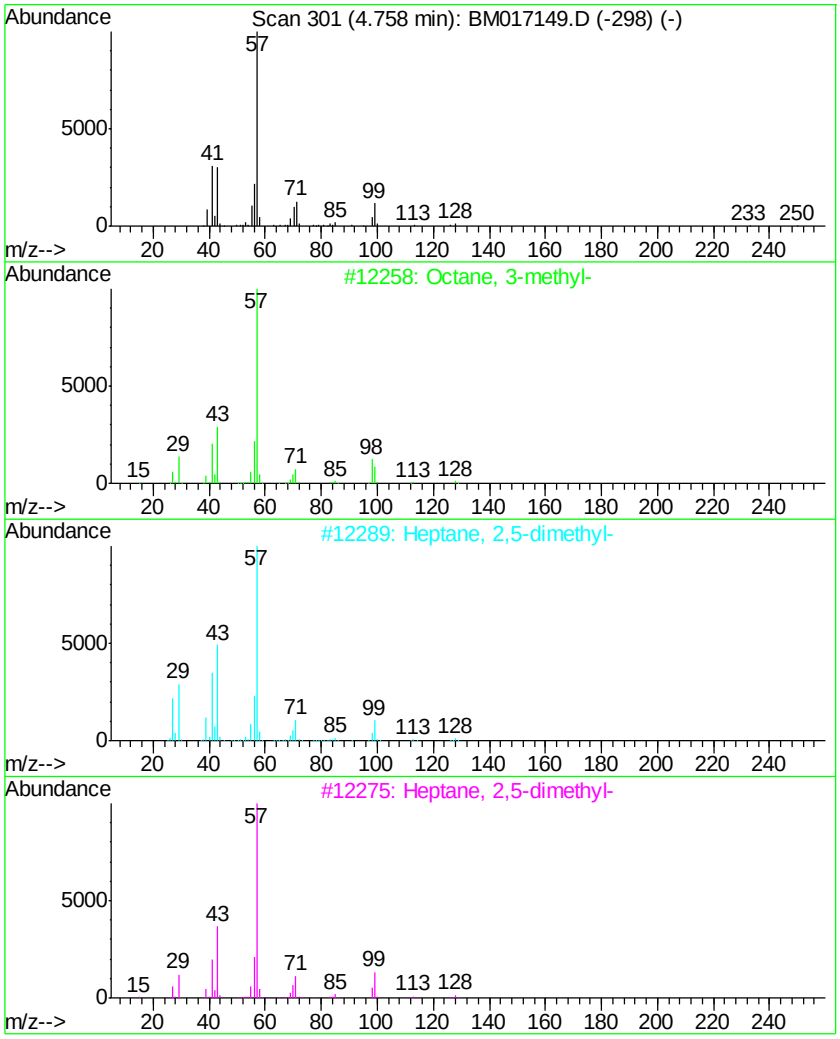
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

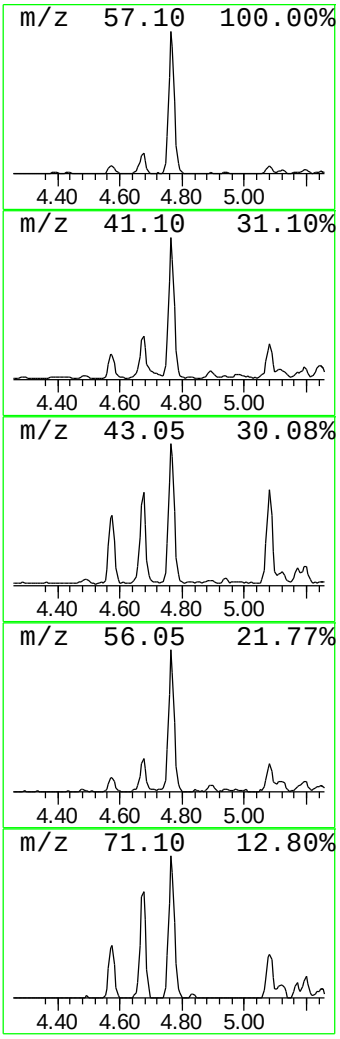
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	9.80 ng/ul	566125	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
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Acq On : 13 Oct 2018 16:20
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Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

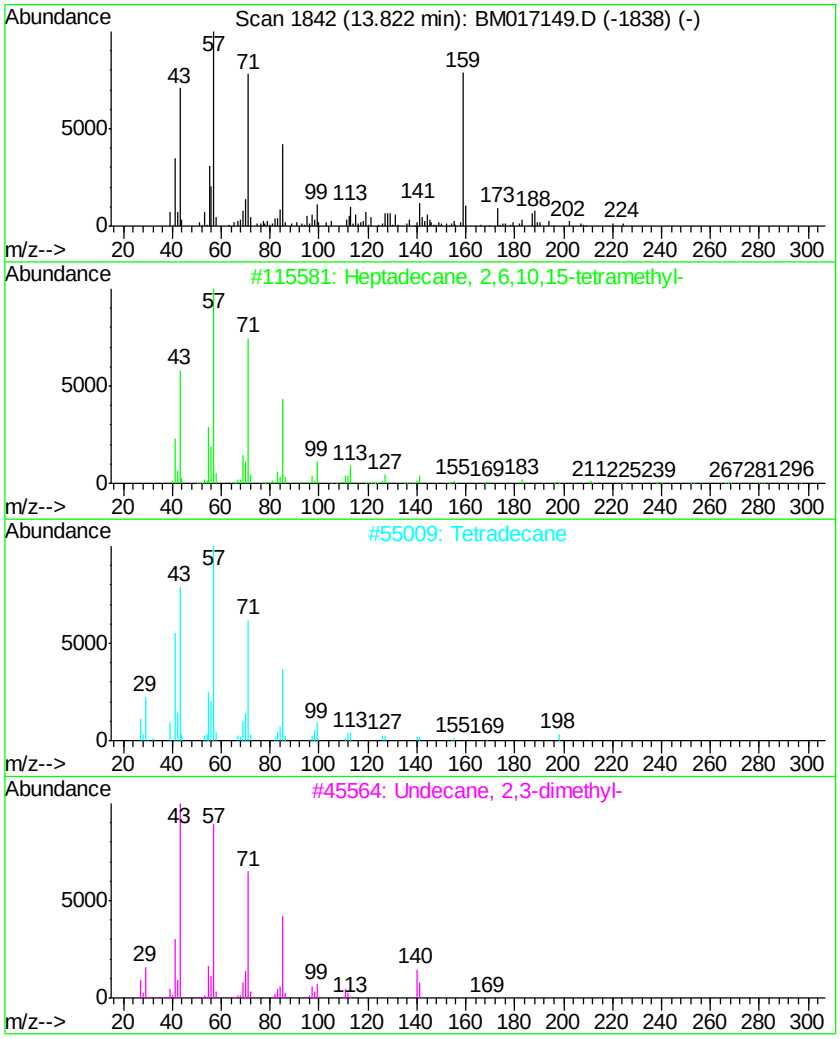
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

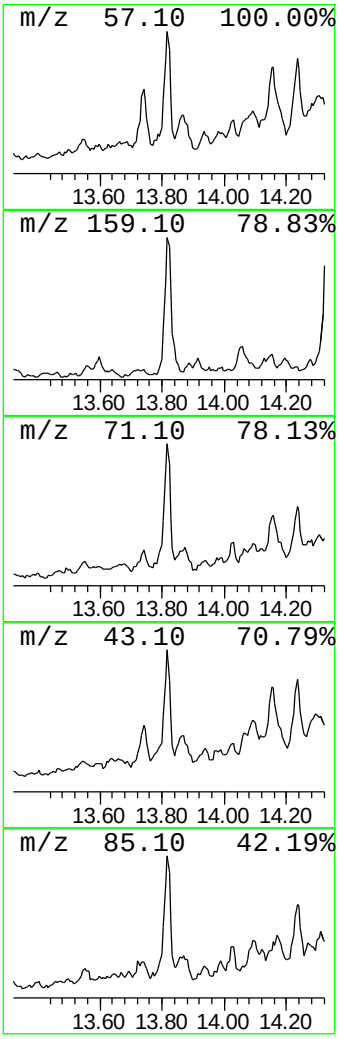
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.67 ng/ul	363952	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
2	Tetradecane	198	C14H30	000629-59-4	64
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	58
5	Tetracosane	338	C24H50	000646-31-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

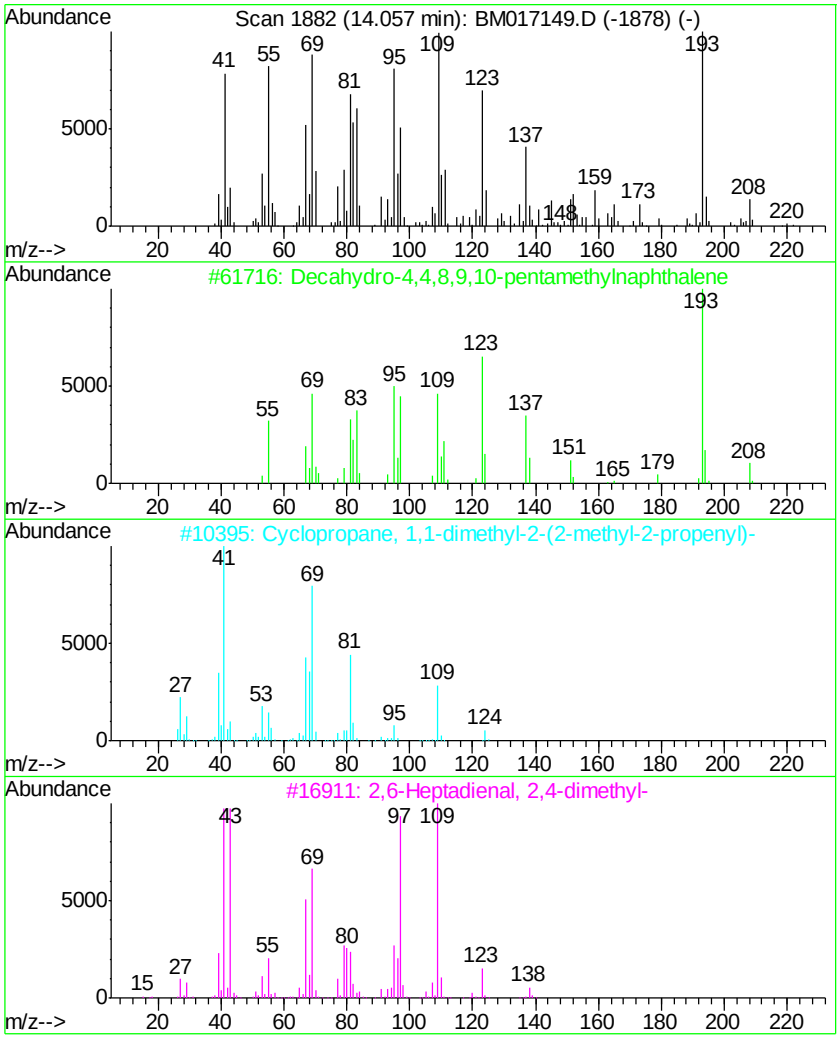
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

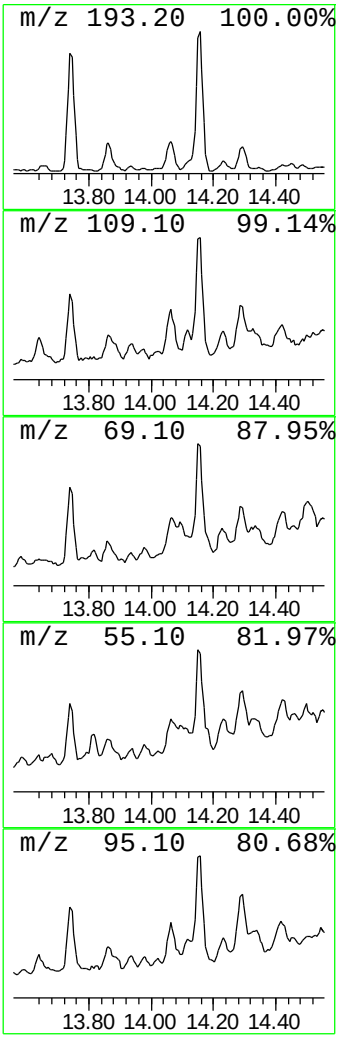
****

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	5.44 ng/ul	742940	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	38
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
4	4-Triethylsilylbut-1-en-3-yne	166	C10H18Si	001693-70-5	30
5	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

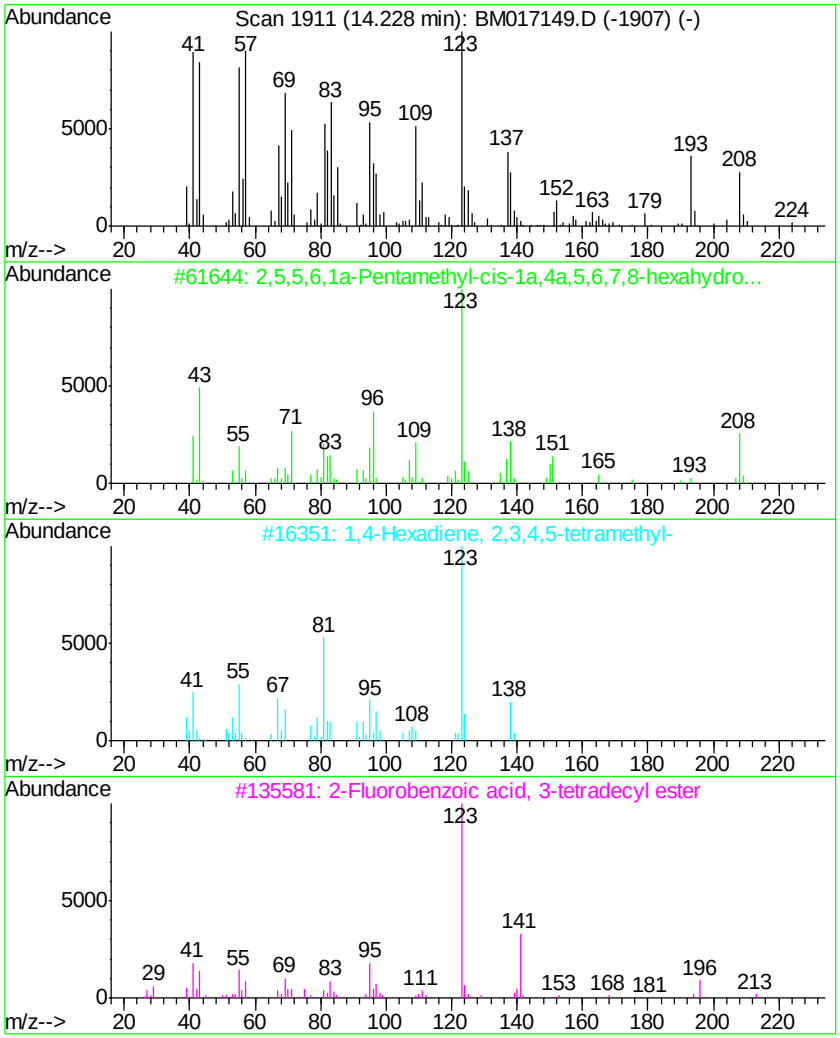
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

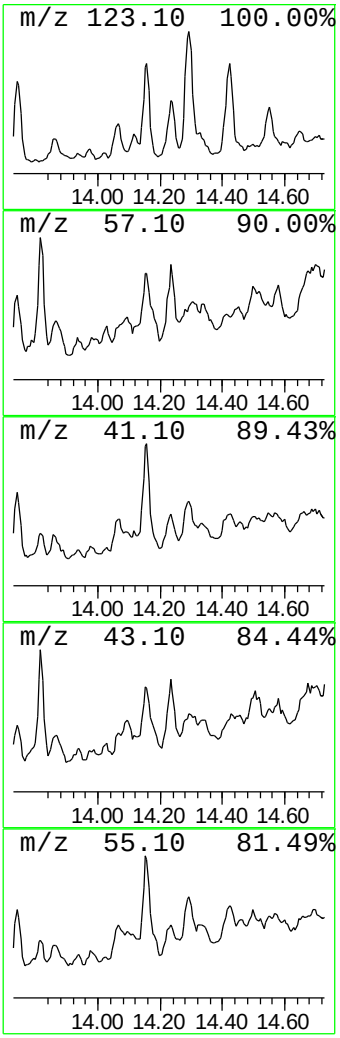
****

Peak Number 12 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	3.62 ng/ul	494486	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,6,1a-Pentamethyl-cis-1a,4a...	208	C14H24O	1000215-77-9	43
2	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	43
3	2-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-61-3	38
4	4-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-68-0	35
5	4-Fluorobenzoic acid, undec-10-e...	292	C18H25FO2	1000279-02-8	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

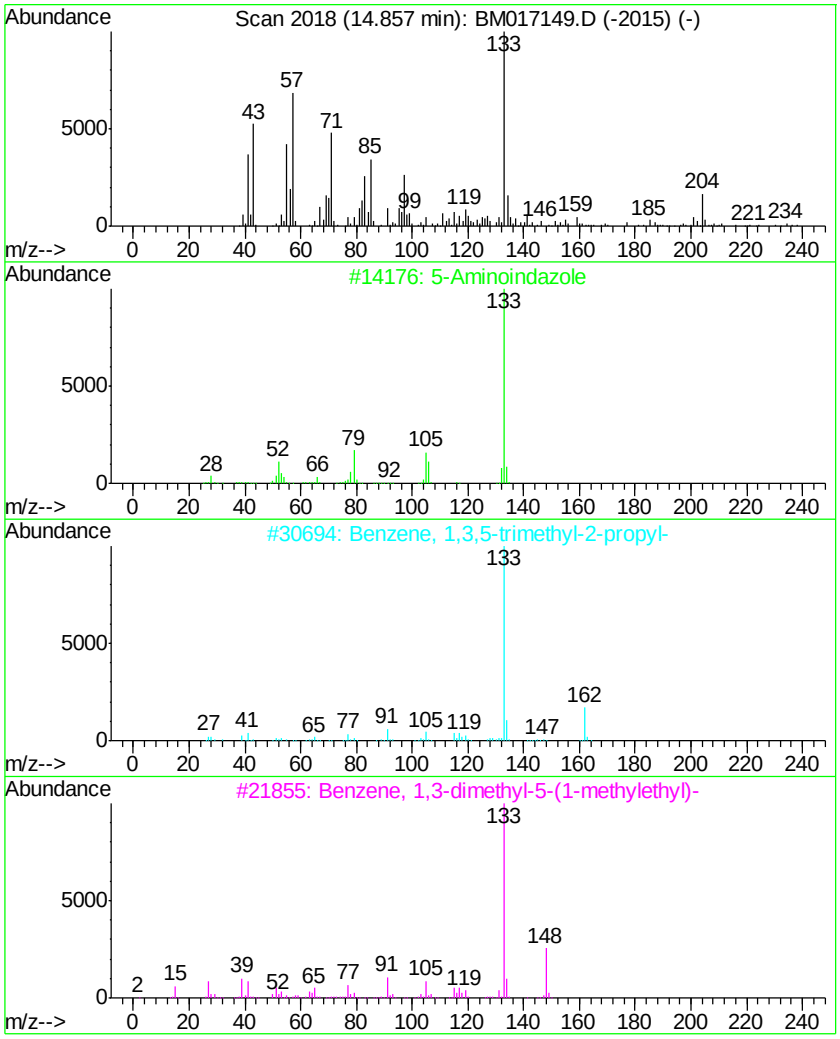
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

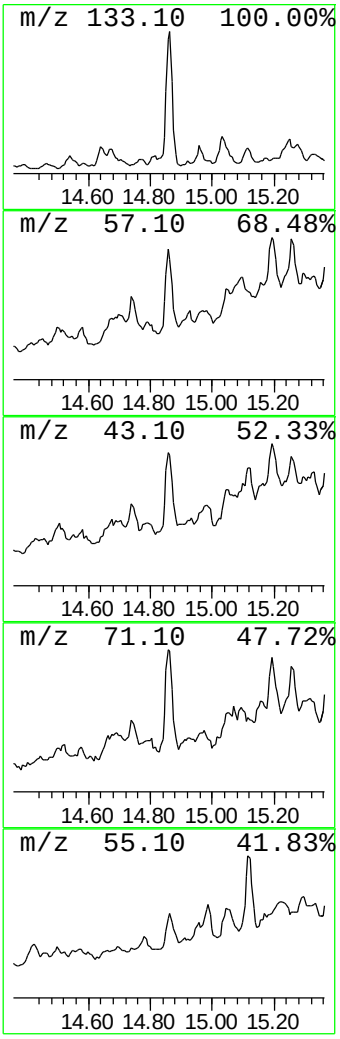
****

Peak Number 13 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	6.60 ng/ul	900447	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindazole	133	C7H7N3	019335-11-6	30
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	27
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27
4	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	27
5	Nonadecane	268	C19H40	000629-92-5	18





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Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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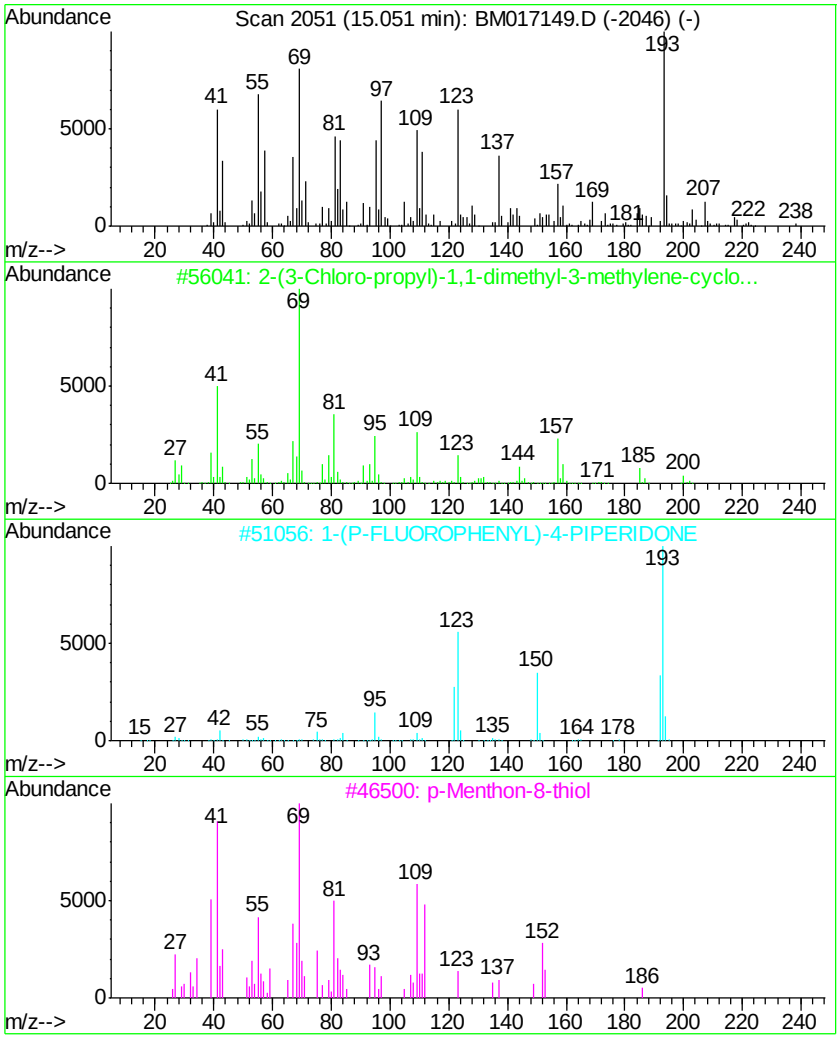
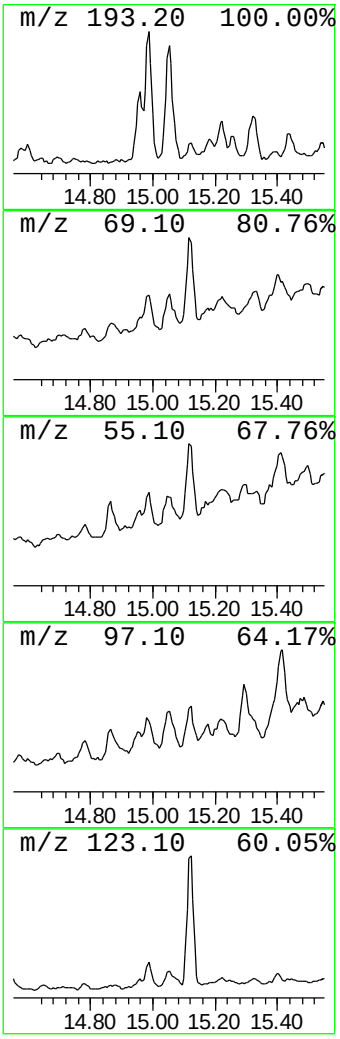
Peak Number 14 unknown-03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	7.38 ng/ul	1007200	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3-Chloro-propyl)-1,1-dimethyl...	200	C12H21Cl	1000191-45-6	25
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	25
3	p-Menthon-8-thiol	186	C10H18OS	033281-91-3	25
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	18
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	18





Library Search Compound Report

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ClientSampleId : C0BD9

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Quant Title : SVOA CALIBRATION

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

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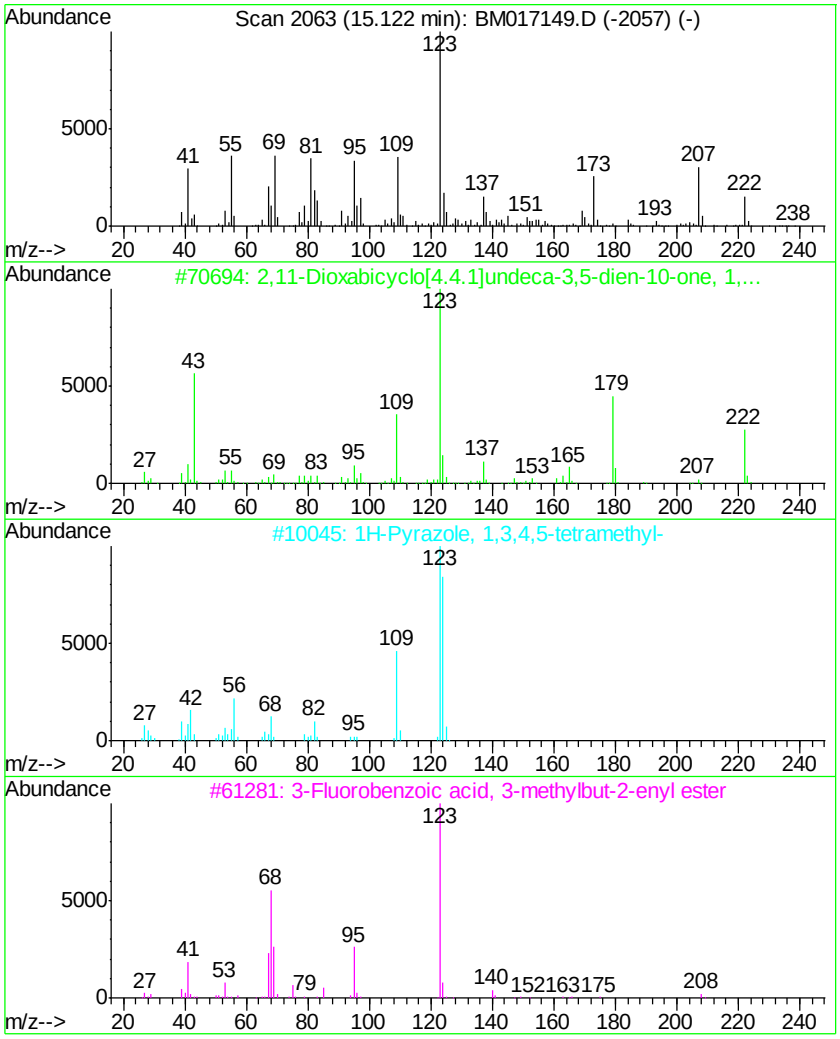
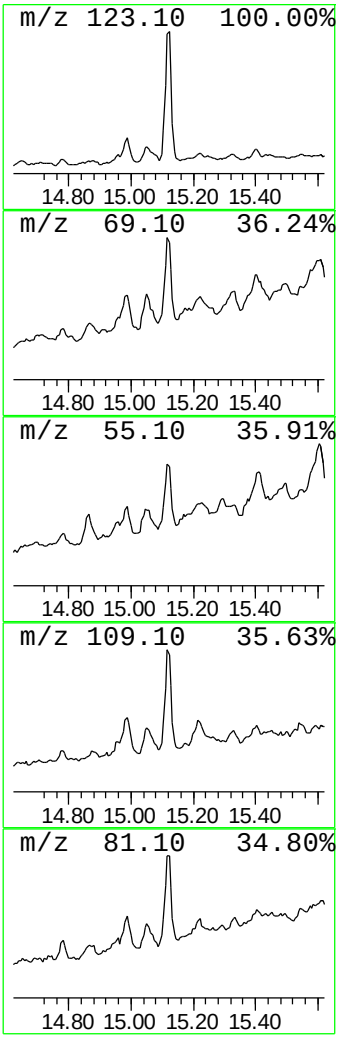
Peak Number 15 unknown-04 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	17.67 ng/ul	2412080	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	43
2	1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	38
3	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	30
4	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	27
5	4-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-68-3	27





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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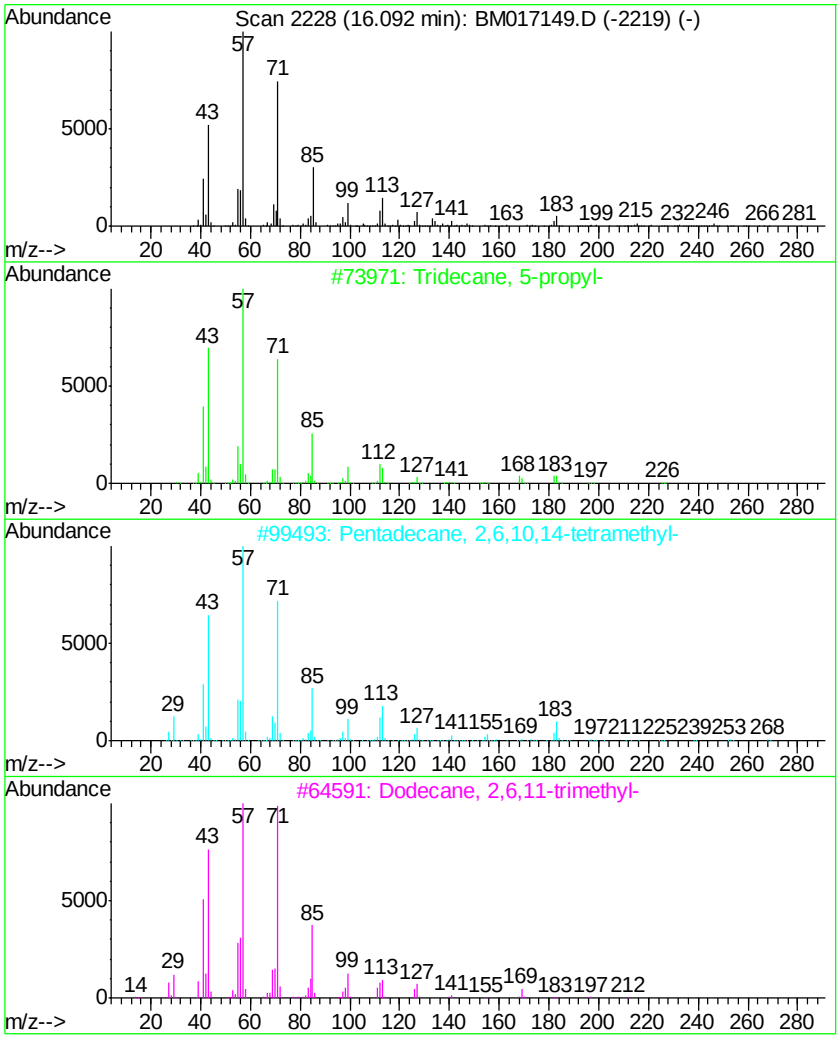
Quant Title : SVOA CALIBRATION

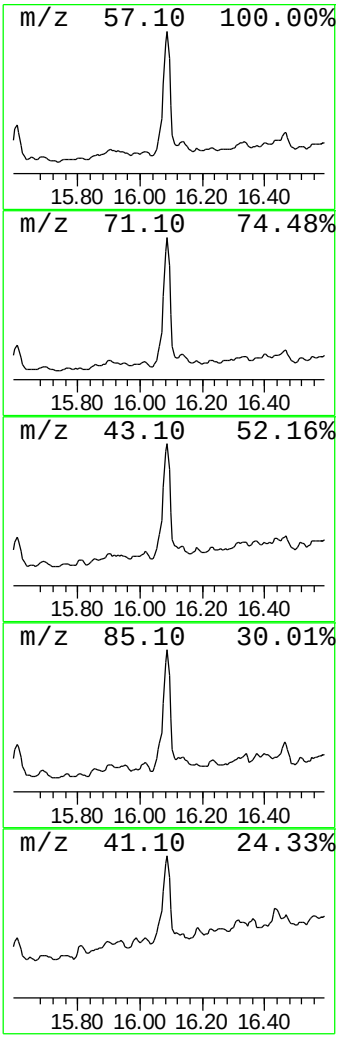
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	60.21 ng/ul	7626580	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80





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Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

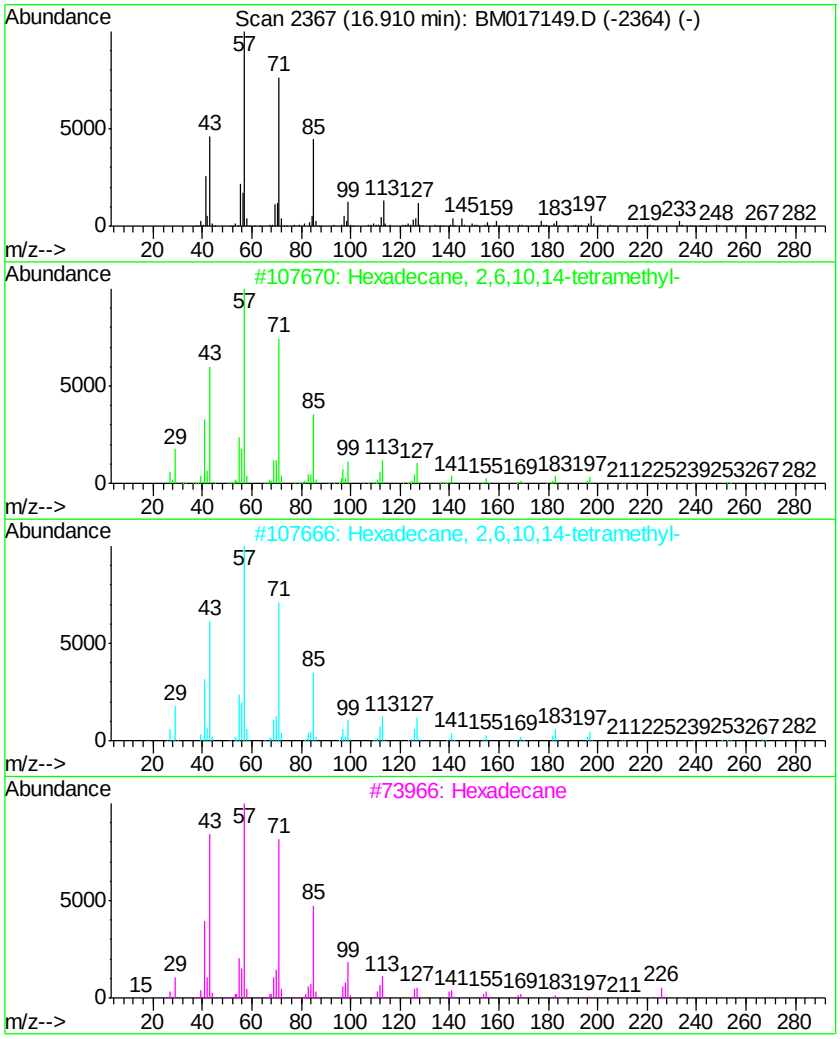
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

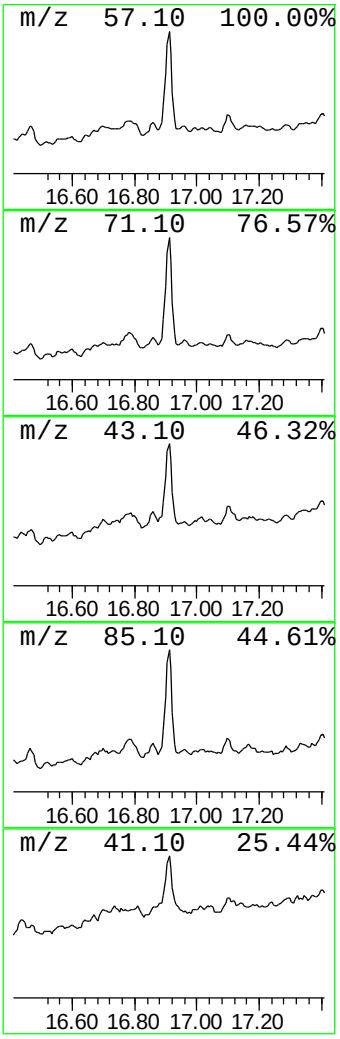
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	31.86 ng/ul	4035580	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Hexadecane	226	C16H34	000544-76-3	86





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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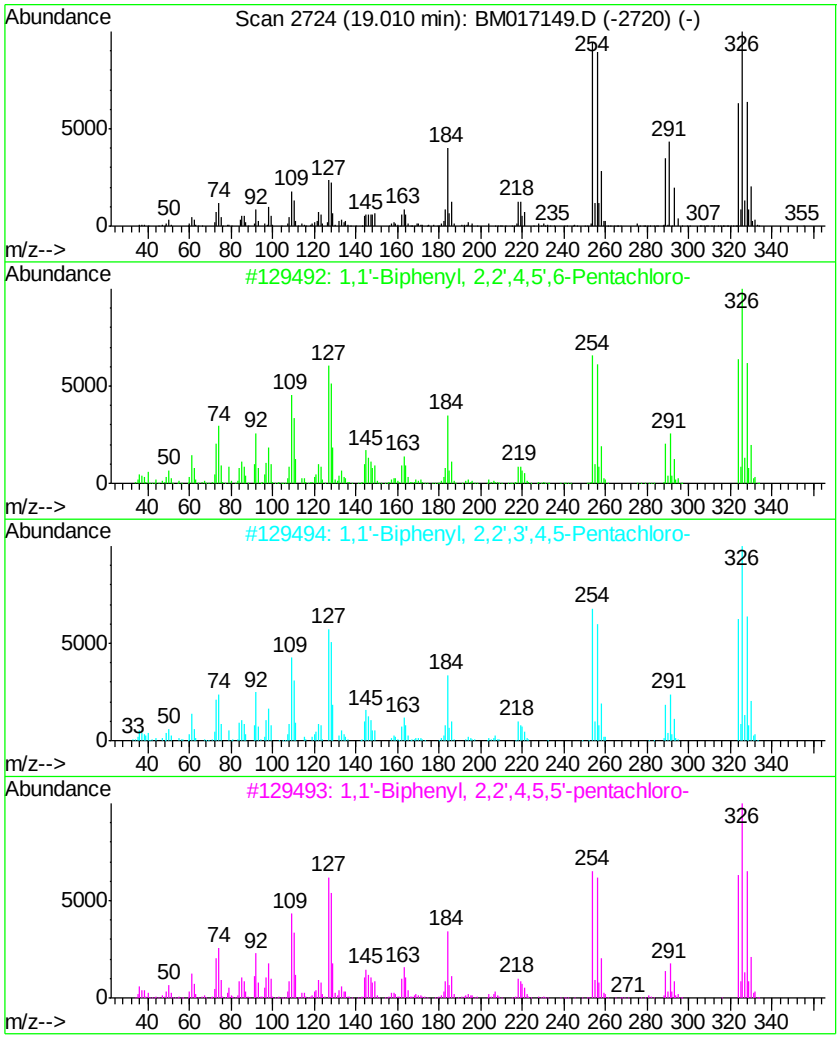
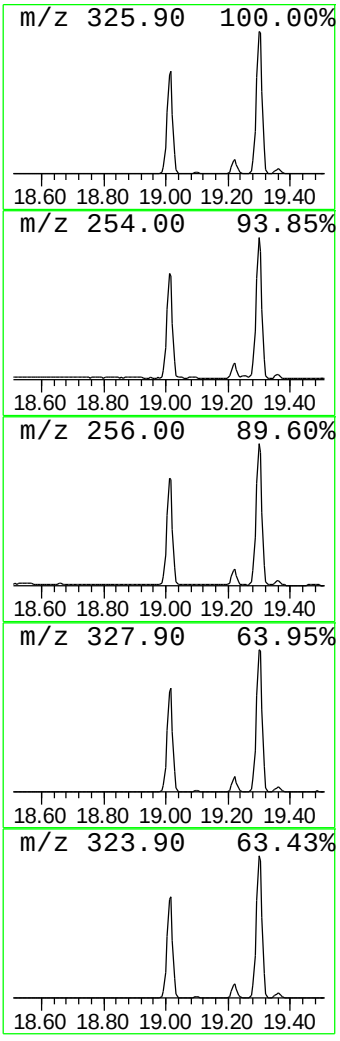
Peak Number 18 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	86.09 ng/ul	10904700	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
5	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	96





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Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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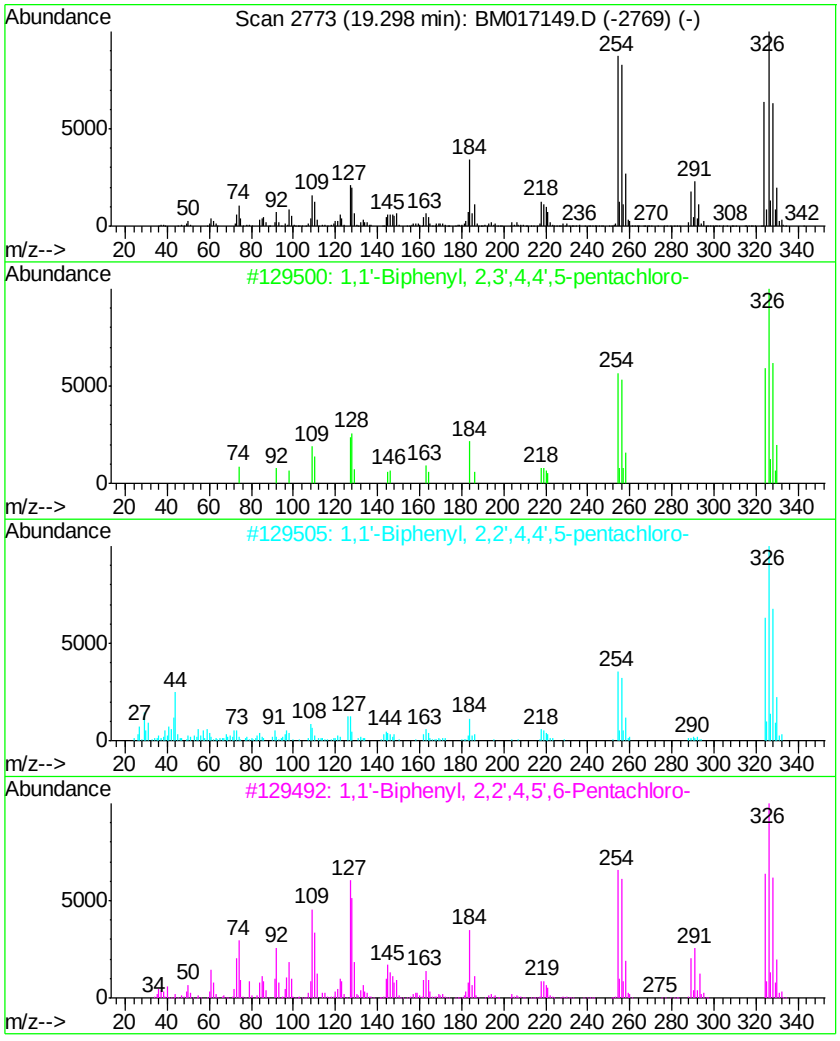
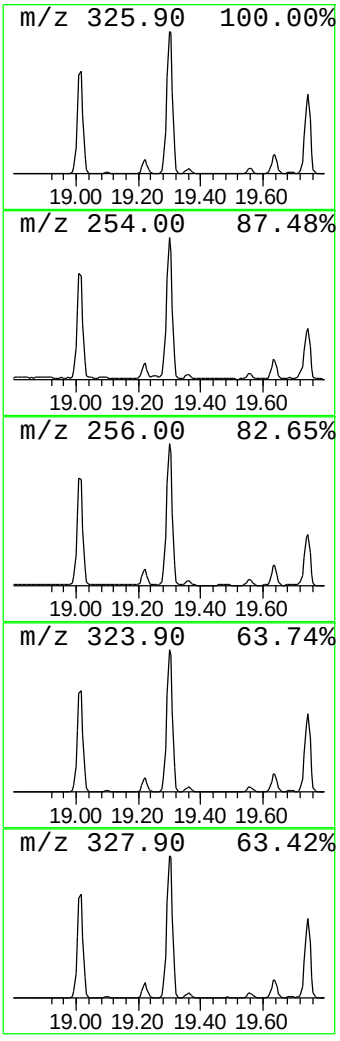
Peak Number 19 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	94.89 ng/ul	13398200	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Instrument : BNA_M
ClientSampleId : C0BD9

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Quant Title : SVOA CALIBRATION

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

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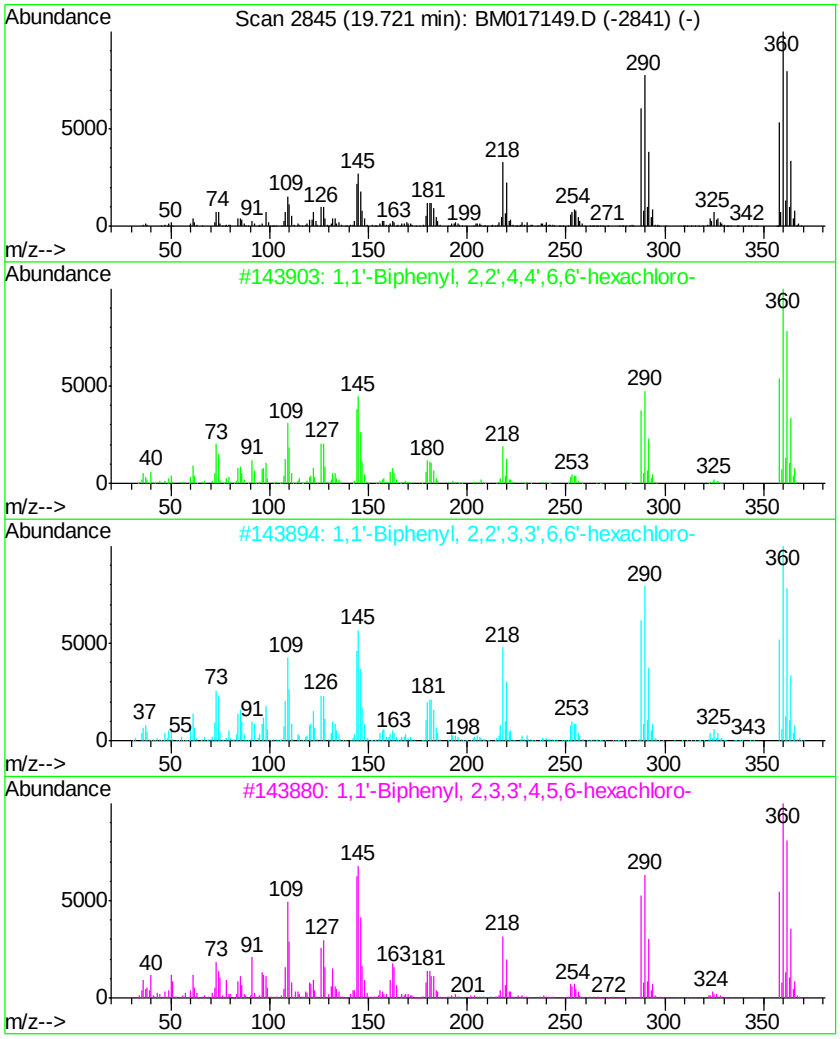
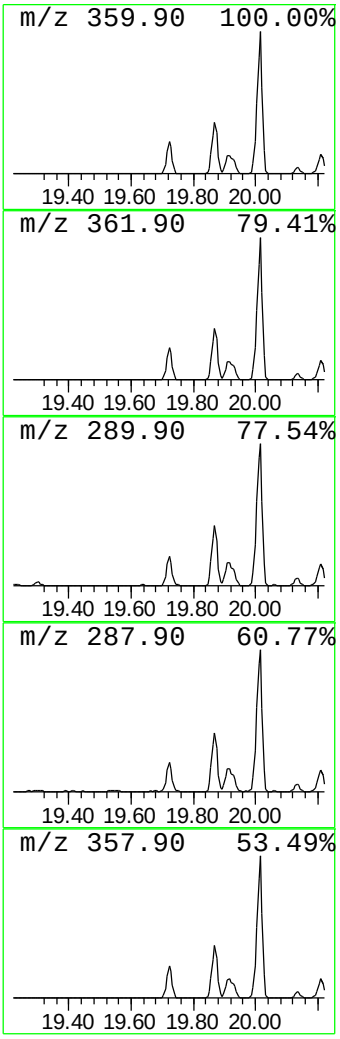
Peak Number 20 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	44.96 ng/ul	6348980	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	96





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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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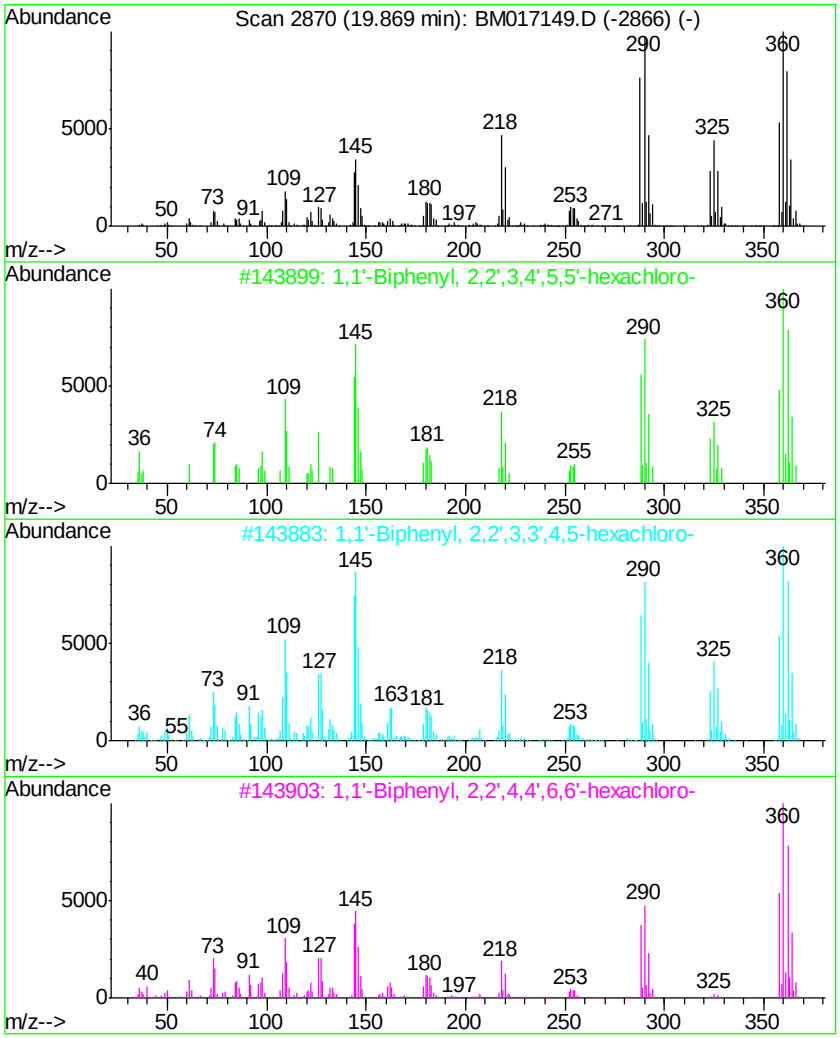
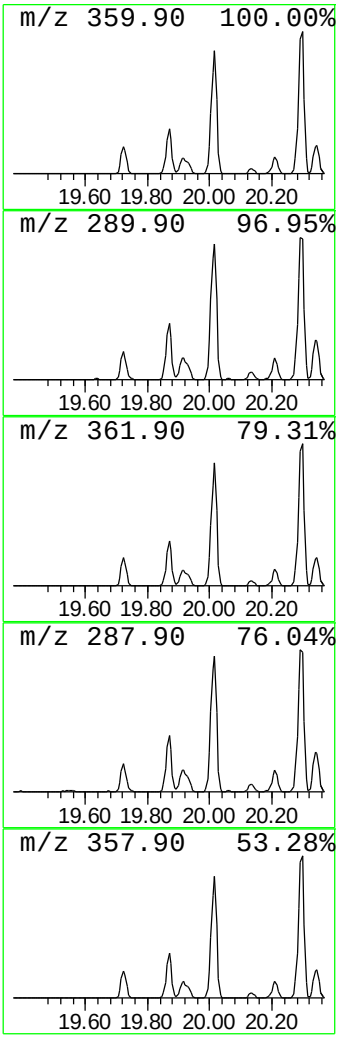
Peak Number 21 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	78.22 ng/ul	11045000	Chrysene-d12	21.28

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',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





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Quant Title : SVOA CALIBRATION

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

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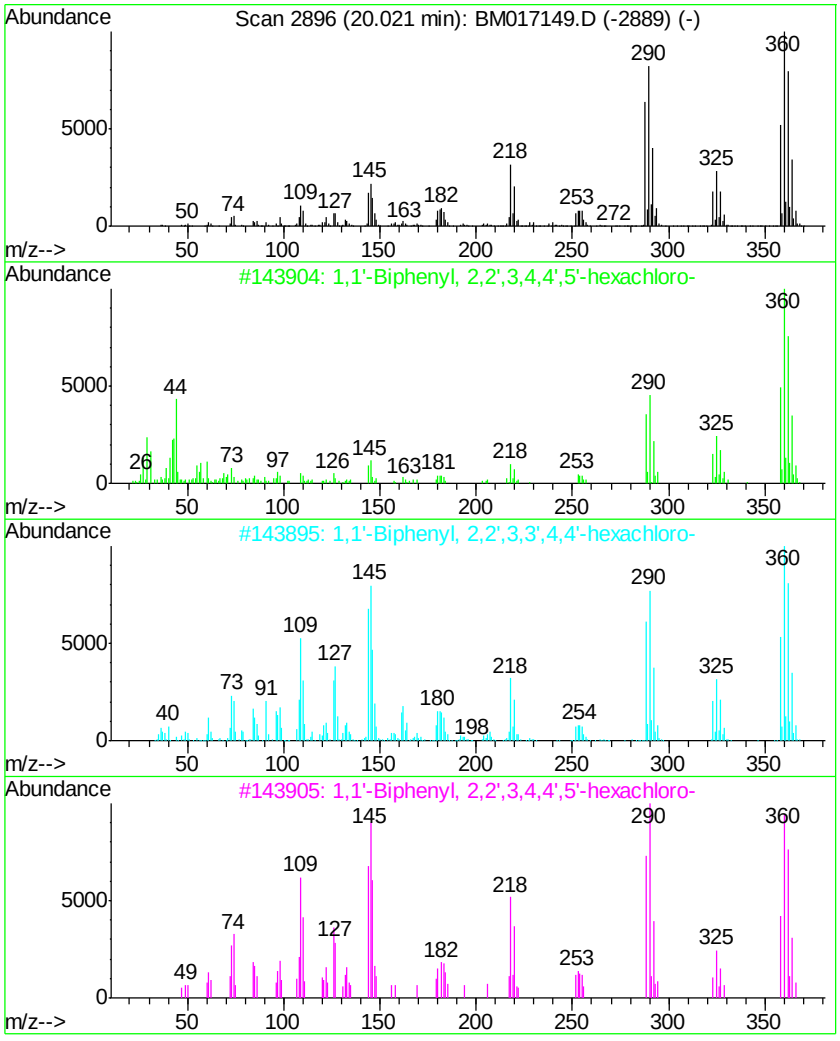
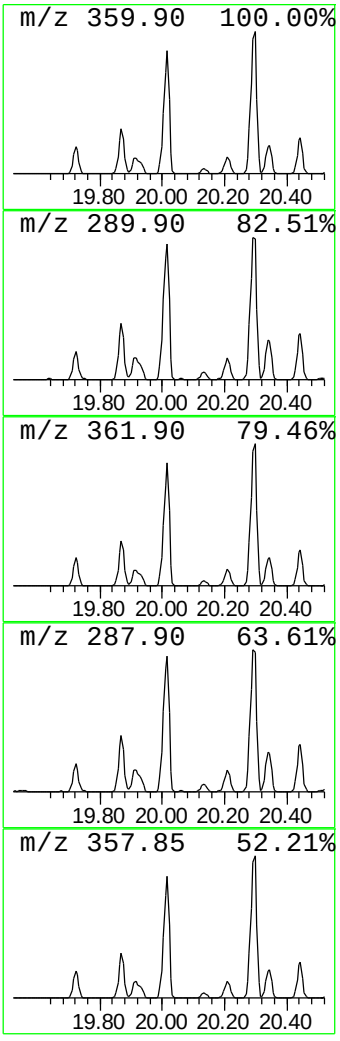
Peak Number 23 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	202.18 ng/ul	28547400	Chrysene-d12	21.28

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, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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Quant Title : SVOA CALIBRATION

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

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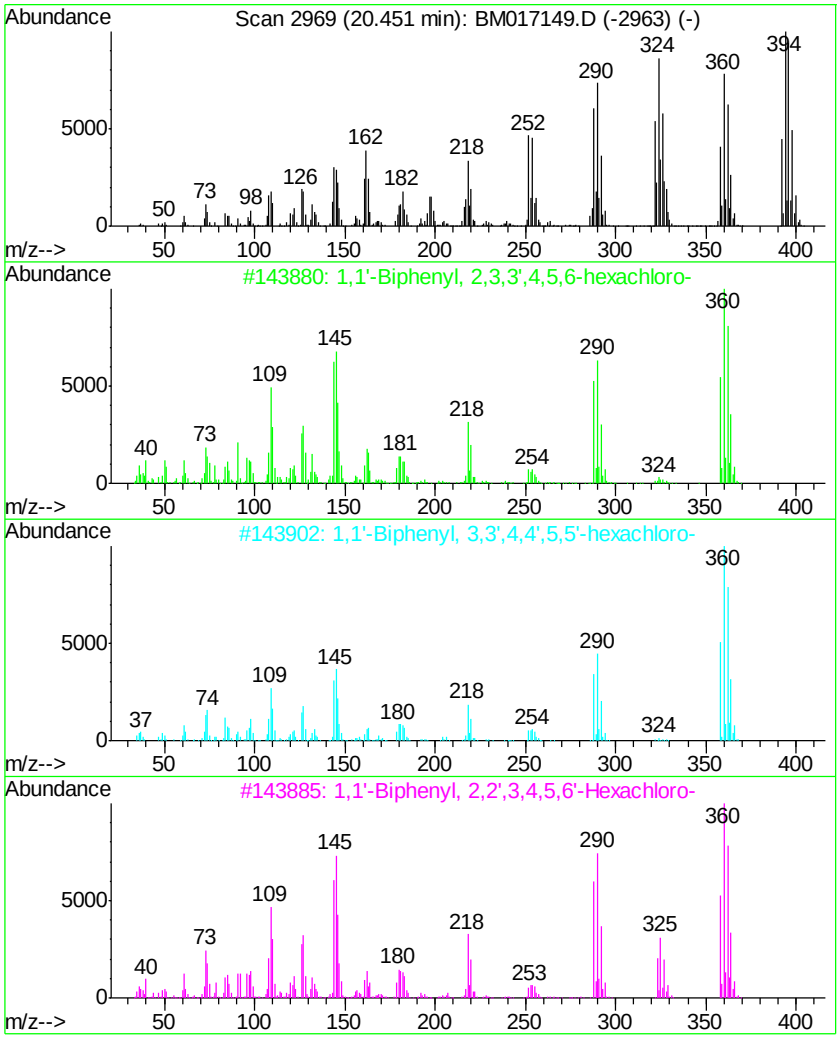
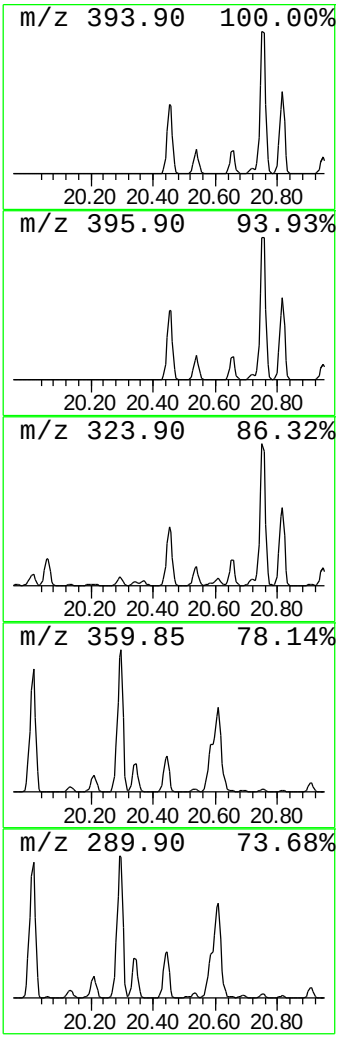
Peak Number 28 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	112.28 ng/ul	15854400	Chrysene-d12	21.28

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',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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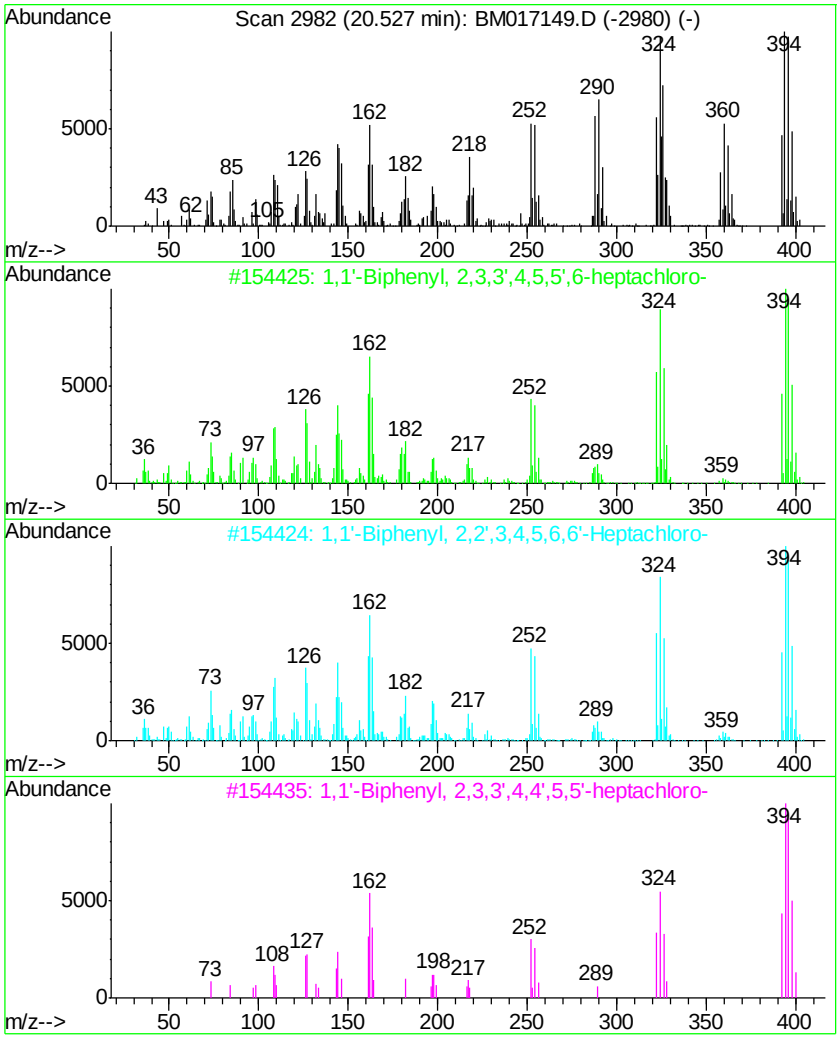
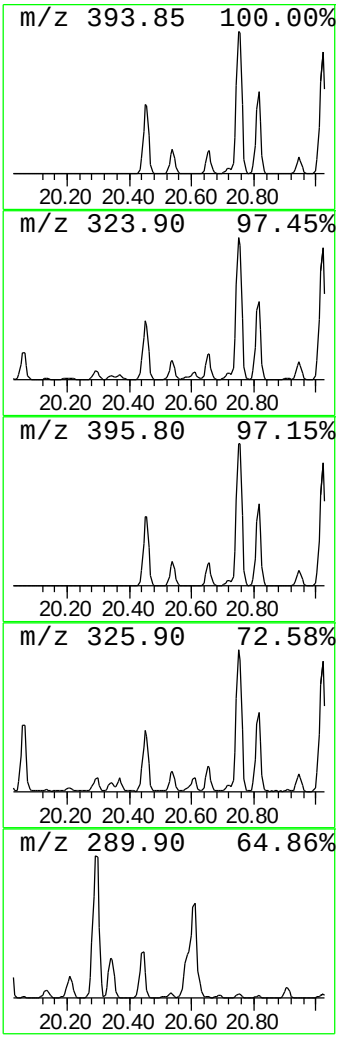
Peak Number 29 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	21.16 ng/ul	2987650	Chrysene-d12	21.28

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',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	97
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	97





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Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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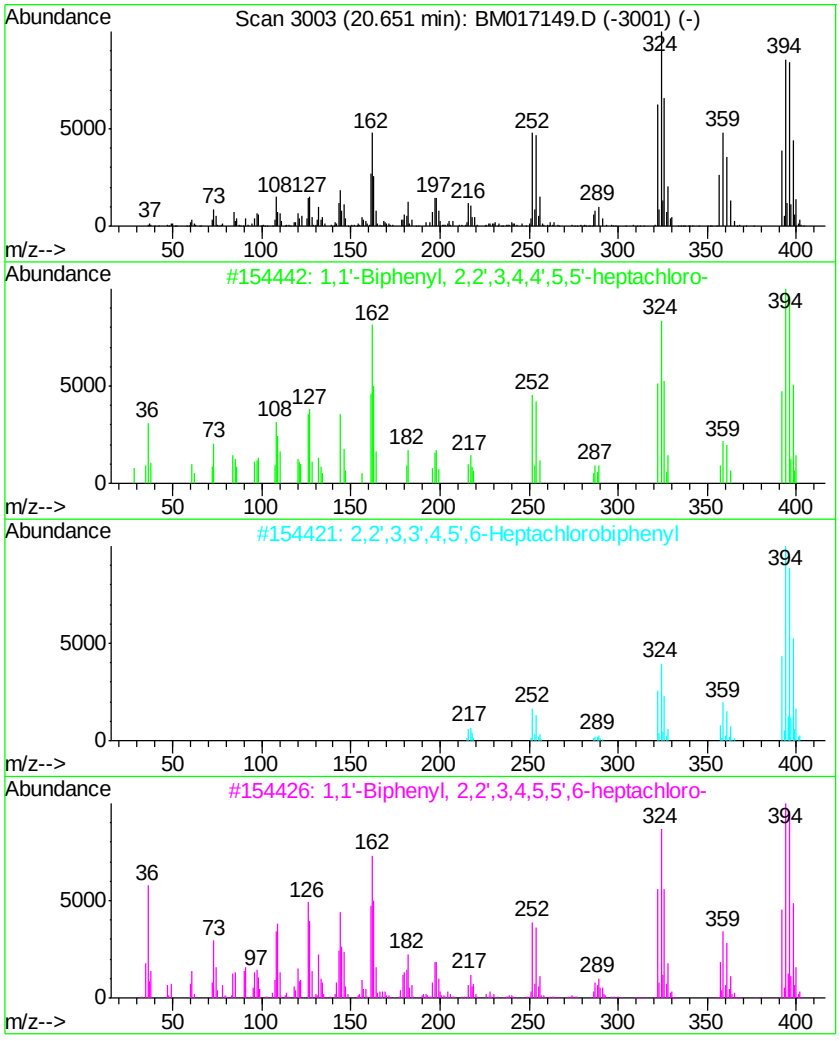
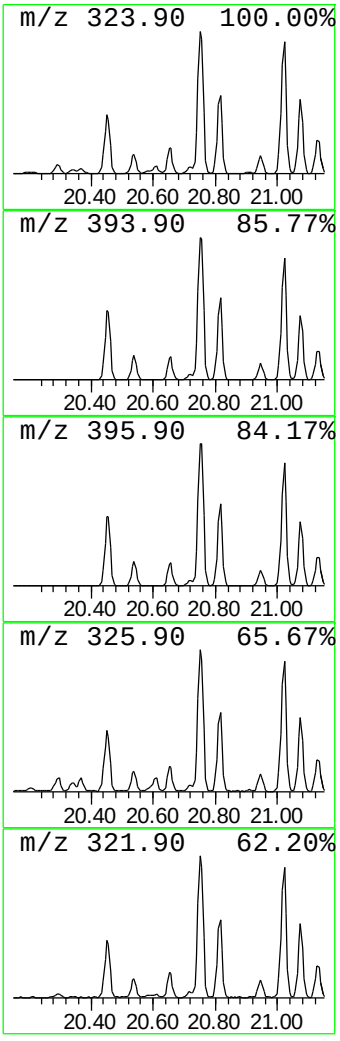
Peak Number 31 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	17.46 ng/ul	2464740	Chrysene-d12	21.28

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',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





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Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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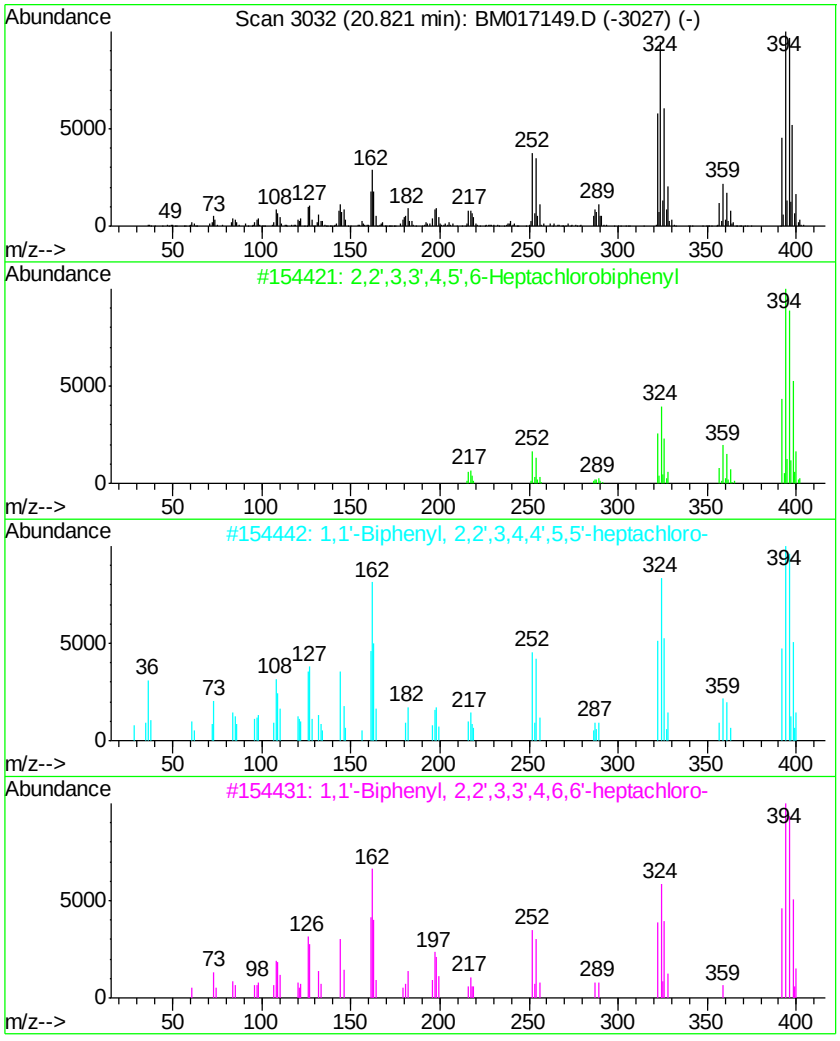
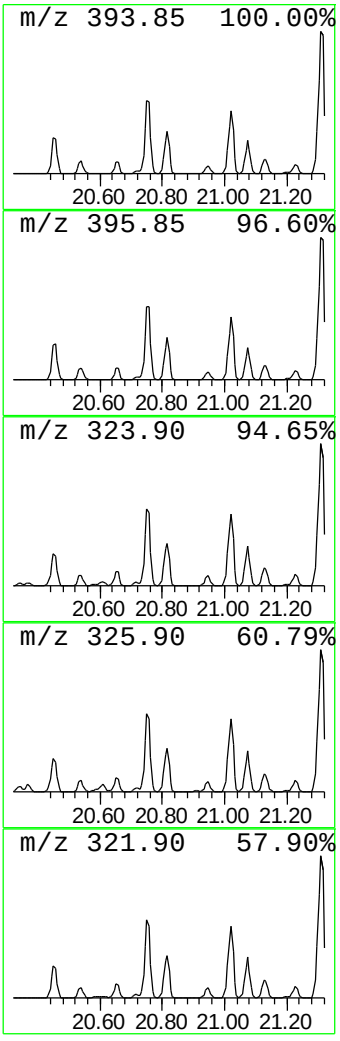
Peak Number 33 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	57.26 ng/ul	8085580	Chrysene-d12	21.28

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',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





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Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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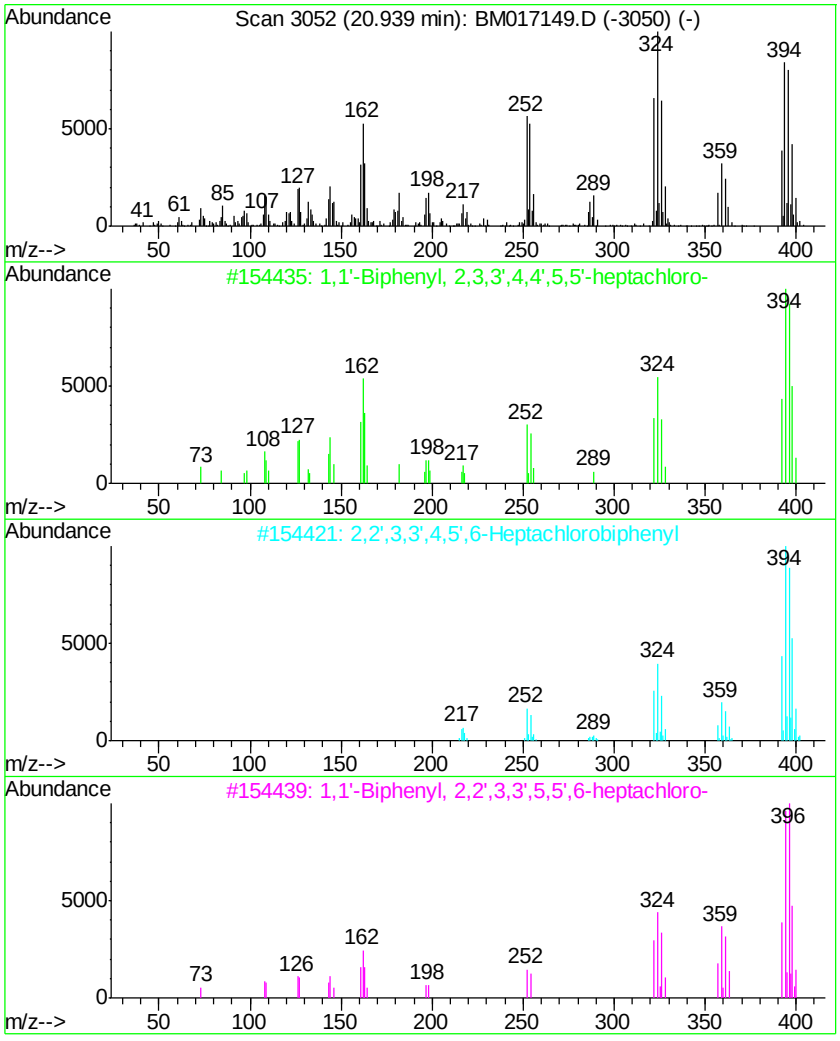
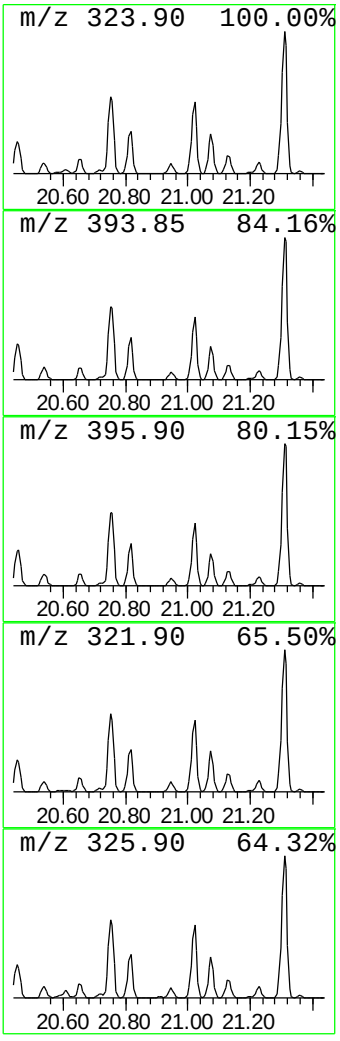
Peak Number 35 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	11.91 ng/ul	1682030	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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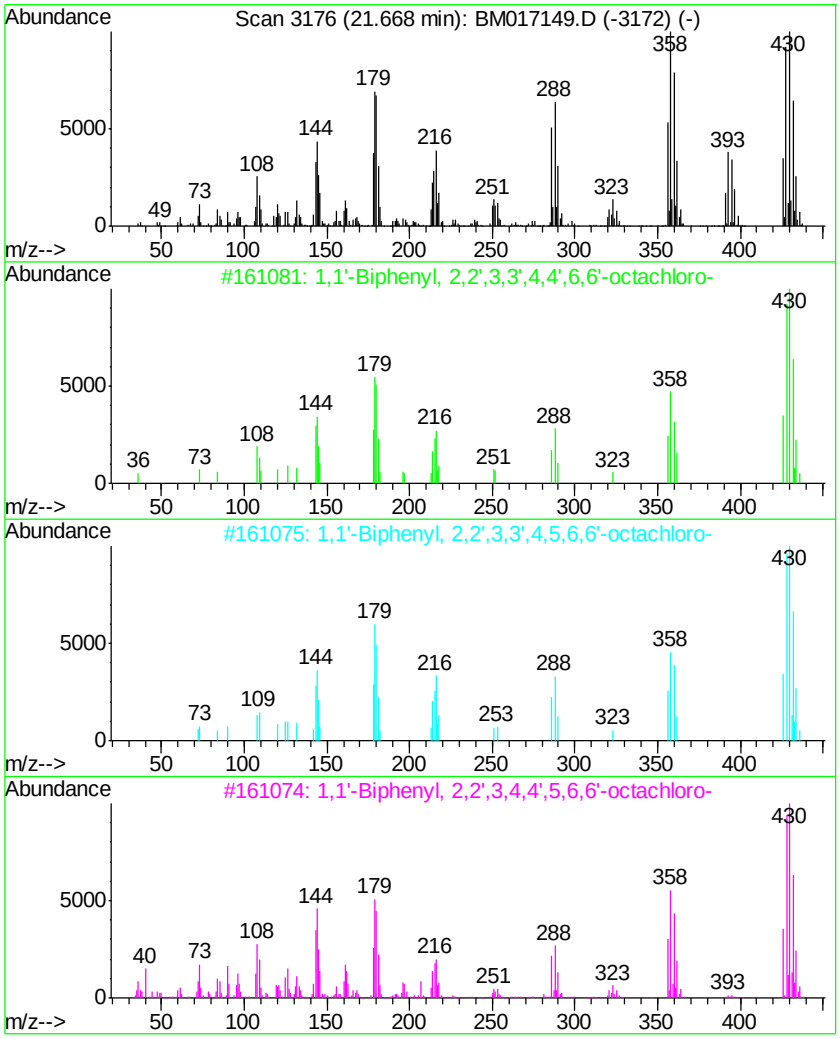
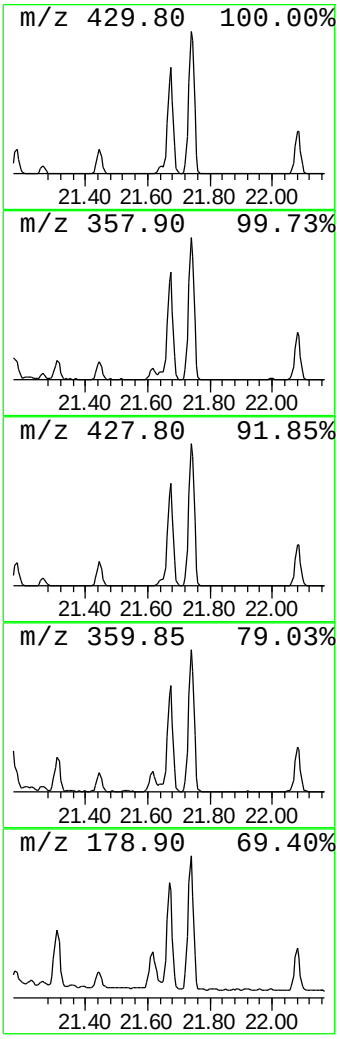
Peak Number 40 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	43.74 ng/ul	6175900	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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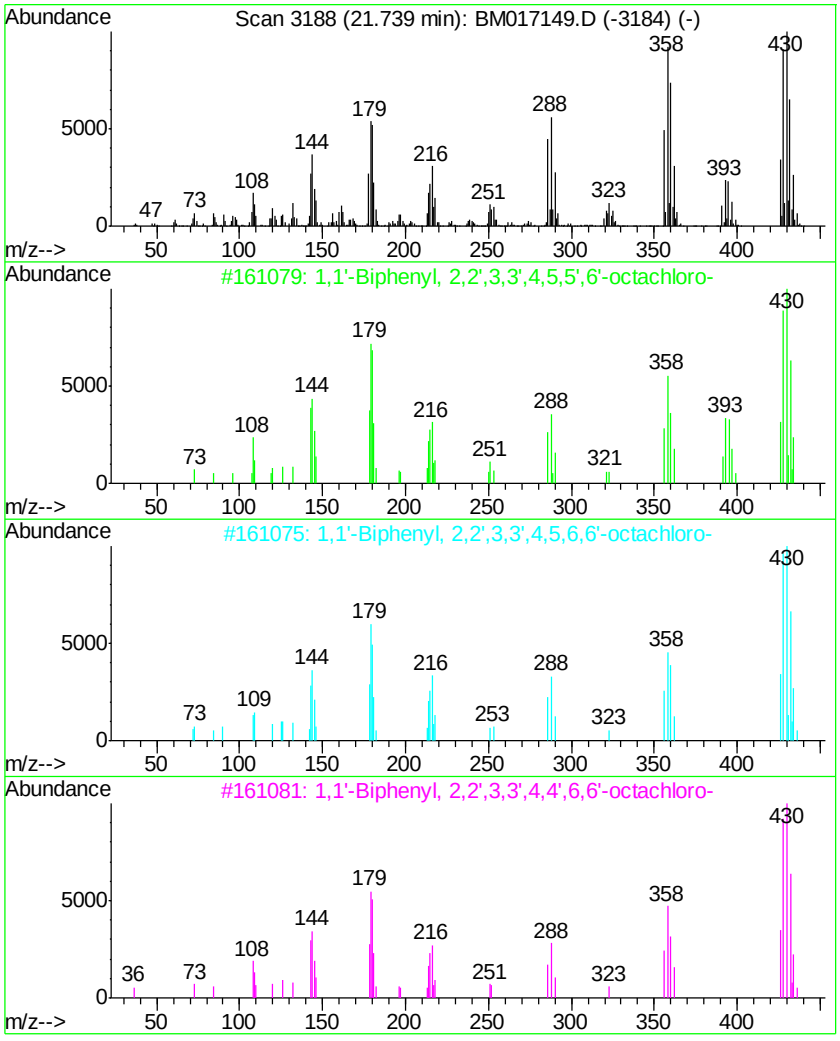
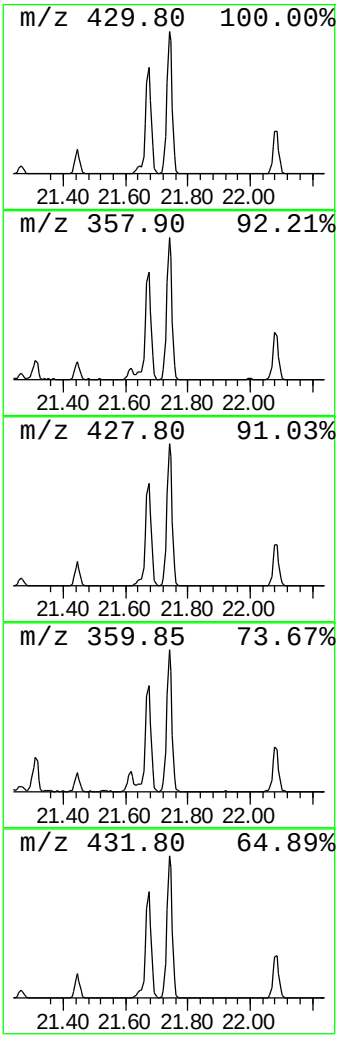
Peak Number 41 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	49.23 ng/ul	6951530	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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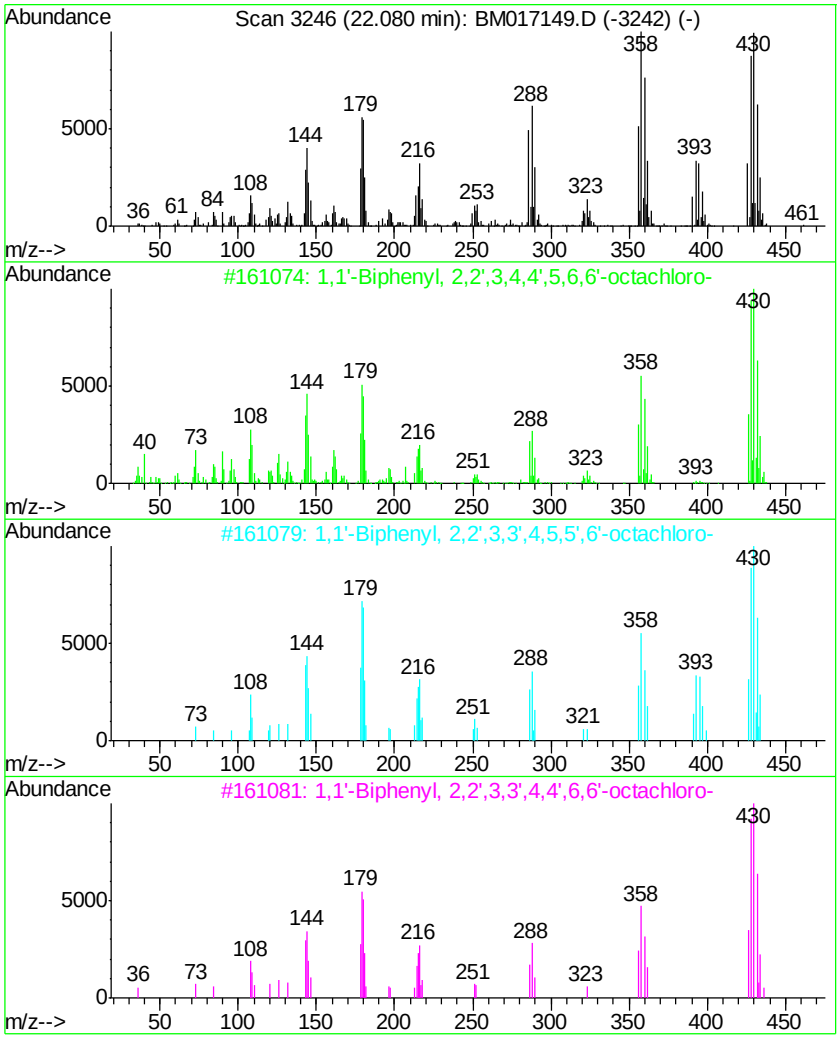
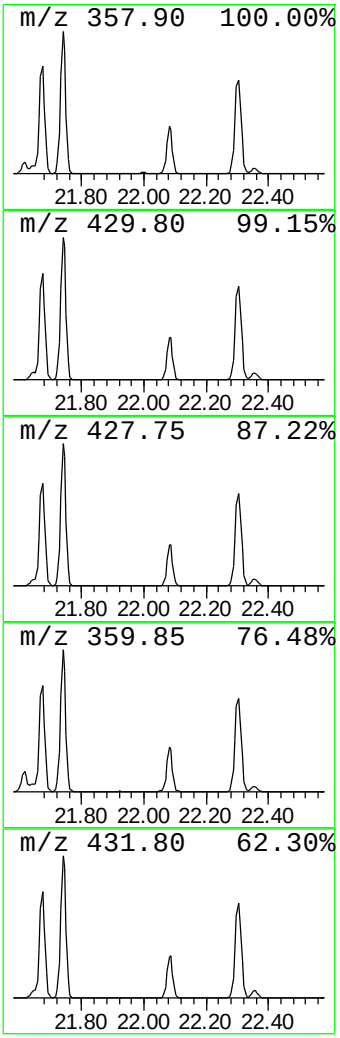
Peak Number 42 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	16.93 ng/ul	2390880	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017149.D
Acq On : 13 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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...	3.18	13.3	ng/ul	766289	1	7.69	1155010	20.0
(DEL) Alkane: Str...	4.68	3.0	ng/ul	173023	1	7.69	1155010	20.0
(DEL) Alkane: Str...	4.76	9.8	ng/ul	566125	1	7.69	1155010	20.0
(DEL) Alkane: Str...	13.82	2.7	ng/ul	363952	3	14.33	2730000	20.0
Decahydro-4,4,8,9...	14.06	5.4	ng/ul	742940	3	14.33	2730000	20.0
unknown-01	14.23	3.6	ng/ul	494486	3	14.33	2730000	20.0
unknown-02	14.86	6.6	ng/ul	900447	3	14.33	2730000	20.0
unknown-03	15.05	7.4	ng/ul	1007200	3	14.33	2730000	20.0
unknown-04	15.12	17.7	ng/ul	2412080	3	14.33	2730000	20.0
(DEL) Alkane: Str...	16.09	60.2	ng/ul	7626580	4	17.08	2533390	20.0
(DEL) Alkane: Str...	16.91	31.9	ng/ul	4035580	4	17.08	2533390	20.0
1,1'-Biphenyl, 2,...	19.01	86.1	ng/ul	10904700	4	17.08	2533390	20.0
1,1'-Biphenyl, 2,...	19.30	94.9	ng/ul	13398200	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	19.72	45.0	ng/ul	6348980	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	19.87	78.2	ng/ul	11045000	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	20.02	202.2	ng/ul	28547400	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	20.45	112.3	ng/ul	15854400	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	20.53	21.2	ng/ul	2987650	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	20.65	17.5	ng/ul	2464740	5	21.28	2824030	20.0
2,2',3,3',4,5',6-...	20.82	57.3	ng/ul	8085580	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	20.94	11.9	ng/ul	1682030	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	21.67	43.7	ng/ul	6175900	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	21.74	49.2	ng/ul	6951530	5	21.28	2824030	20.0
1,1'-Biphenyl, 2,...	22.08	16.9	ng/ul	2390880	5	21.28	2824030	20.0