LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

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-BM091018MA.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	3.187	30	34	39	rVB	1219859	1236238	1.23%	0.124%
2	7.710	795	803	813	rBV	1550947	2410673	2.40%	0.242%
3	10.351	1244	1252	1262	rBV	332635	553826	0.55%	0.056%
4	10.486	1264	1275	1284	rBV	2093684	3656694	3.65%	0.367%
5	10.869	1332	1340	1348	rBV	90917	159818	0.16%	0.016%
6	11.922	1511	1519	1526	rBV	87889	146618	0.15%	0.015%
7	12.527	1613	1622	1629	rBV	92733	193274	0.19%	0.019%
8	12.939	1687	1692	1698	rBV4	47804	102709	0.10%	0.010%
9	13.133	1719	1725	1730	rBV3	239926	472023	0.47%	0.047%
10	13.669	1812	1816	1819	rBV5	102582	168962	0.17%	0.017%
11	13.769	1828	1833	1837	rBV	540275	766482	0.76%	0.077%
12	13.839	1842	1845	1849	rVV2	244041	370517	0.37%	0.037%
13	13.886	1850	1853	1862	rVB4	184986	409588	0.41%	0.041%
14	14.086	1883	1887	1894	rBV5	329926	794097	0.79%	0.080%
15	14.180	1899	1903	1911	rVB	980065	1533459	1.53%	0.154%
16	14.257	1911	1916	1920	rBV4	275463	538169	0.54%	0.054%
17	14.316	1921	1926	1927	rBV2	507160	683084	0.68%	0.069%
18	14.351	1927	1932	1941	rVB2	2780237	4534784	4.52%	0.456%
19	14.674	1984	1987	1991	rBV2	355527	503499	0.50%	0.051%
20	14.886	2019	2023	2030	rBV5	693223	1231767	1.23%	0.124%
21	14.986	2036	2040	2041	rBV3	356983	527938	0.53%	0.053%
22	15.074	2051	2055	2061	rBV7	550707	1151361	1.15%	0.116%
23	15.145	2062	2067	2071	rBV2	1727139	2765038	2.76%	0.278%
24	16.110	2228	2231	2236	rVB	2553730	3386850	3.38%	0.340%
25	19.033	2724	2728	2734	rVB	16480069	22116394	22.05%	2.223%
26	19.327	2773	2778	2783	rVB	22085309	30122775	30.03%	3.027%
27	19.656	2831	2834	2838	rVB	3313653	4184277	4.17%	0.421%
28	19.745	2845	2849	2851	rBV	12116877	16898210	16.85%	1.698%
29	19.892	2869	2874	2878	rBV	25289036	32270258	32.17%	3.243%
30	19.933	2878	2881	2892	rVB	11566977	21342813	21.28%	2.145%
31	20.039	2893	2899	2903	rVV	47266552	74324716	74.09%	7.469%
32	20.080	2903	2906	2911	rVB	4285274	4969356	4.95%	0.499%
33	20.156	2916	2919	2925	rVB	3966382	5043958	5.03%	0.507%
34	20.233	2928	2932	2939	rVB	10772843	14257296	14.21%	1.433%

LSC Area Percent Report

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Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

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-BM091018MA.M
Title : SVOA CALIBRATION

35	20.327	2940	2948	2951	rBV	51187785	85058045	84.79%	8.548%
36	20.368	2951	2955	2965	rVB	20985413	27494562	27.41%	2.763%
37	20.468	2967	2972	2980	rVB2	32014310	50060742	49.91%	5.031%
38	20.556	2984	2987	2991	rVB	7060127	8531012	8.50%	0.857%
39	20.639	2991	3001	3005	rBV	42033879	94735020	94.44%	9.521%
40	20.680	3005	3008	3011	rVB	8600636	9478837	9.45%	0.953%
41	20.745	3016	3019	3020	rVV	1326272	1547295	1.54%	0.155%
42	20.780	3020	3025	3029	rVB	40267691	54460635	54.29%	5.473%
43	20.839	3030	3035	3040	rVB	23436526	28193453	28.11%	2.833%
44	20.927	3047	3050	3054	rBV	5611623	6547883	6.53%	0.658%
45	20.968	3054	3057	3062	rVV	5680636	6325285	6.31%	0.636%
46	21.045	3064	3070	3075	rVV	36393722	50743971	50.59%	5.100%
47	21.097	3075	3079	3085	rVV2	24118340	32567008	32.47%	3.273%
48	21.150	3085	3088	3091	rVV	10877202	13450625	13.41%	1.352%
49	21.180	3091	3093	3101	rVV2	4700336	8264568	8.24%	0.831%
50	21.250	3101	3105	3109	rVV	7238139	8455725	8.43%	0.850%
51	21.345	3109	3121	3125	rVV3	54057311	100311068	100.00%	10.081%
52	21.386	3125	3128	3131	rVB	1878439	1954874	1.95%	0.196%
53	21.468	3138	3142	3146	rVB2	2551234	3195439	3.19%	0.321%
54	21.644	3166	3172	3177	rBV	36378458	55337218	55.17%	5.561%
55	21.697	3177	3181	3187	rVB	17769555	22856682	22.79%	2.297%
56	21.768	3187	3193	3198	rVB	20652038	26216220	26.13%	2.635%
57	21.939	3219	3222	3227	rVB	1339399	1762710	1.76%	0.177%
58	22.103	3246	3250	3257	rVB	7234217	9964236	9.93%	1.001%
59	22.327	3282	3288	3294	rBV	16657723	24426169	24.35%	2.455%
60	22.380	3294	3297	3302	rVB	854944	1070686	1.07%	0.108%
61	22.774	3359	3364	3369	rVB	2643159	3923895	3.91%	0.394%
62	23.521	3485	3491	3499	rVB	2302335	4291422	4.28%	0.431%

Sum of corrected areas: 995052806

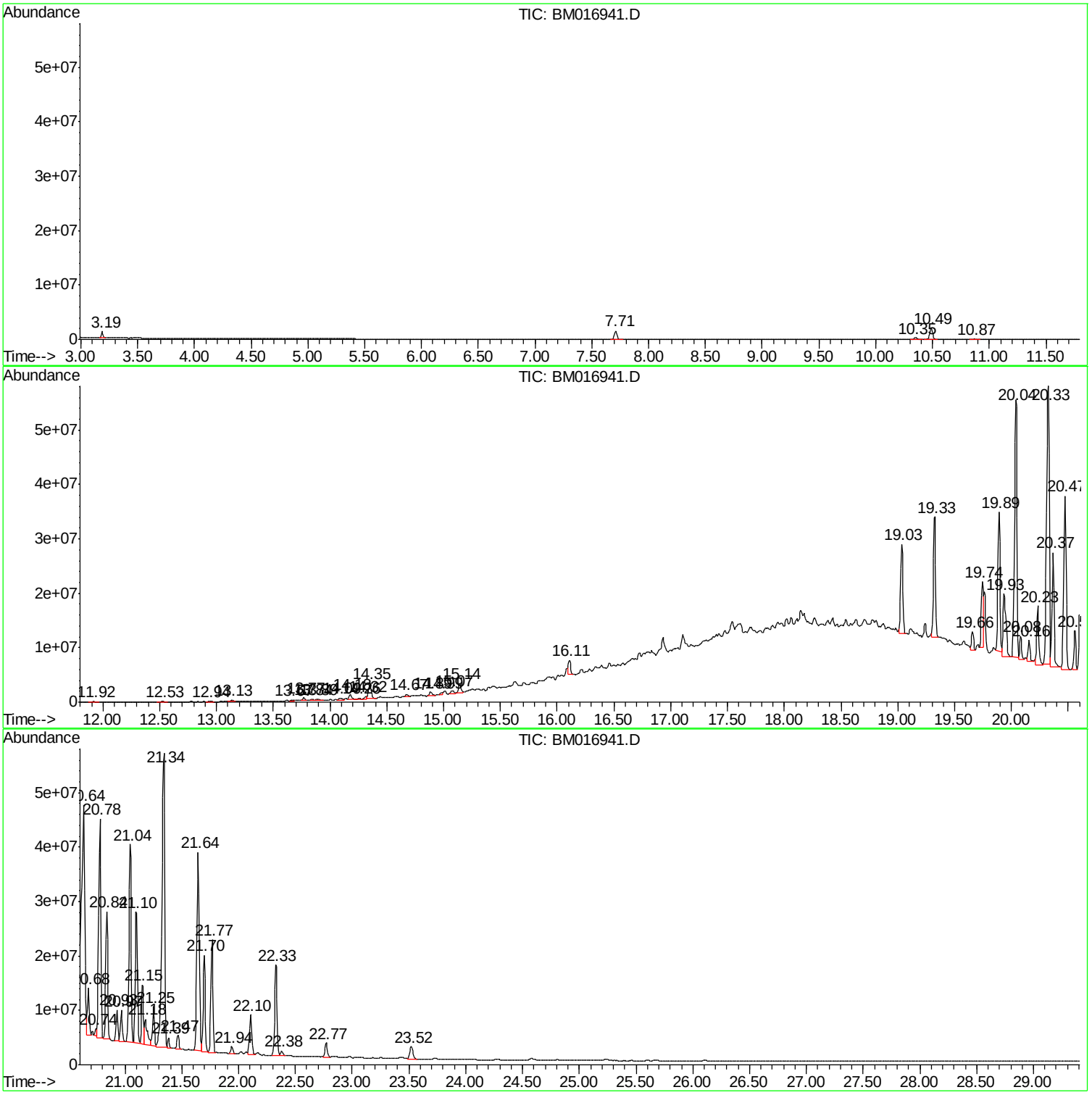
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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\BM100118\
Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
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Misc :
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Instrument :
BNA_M
ClientSampleId :
C0B74

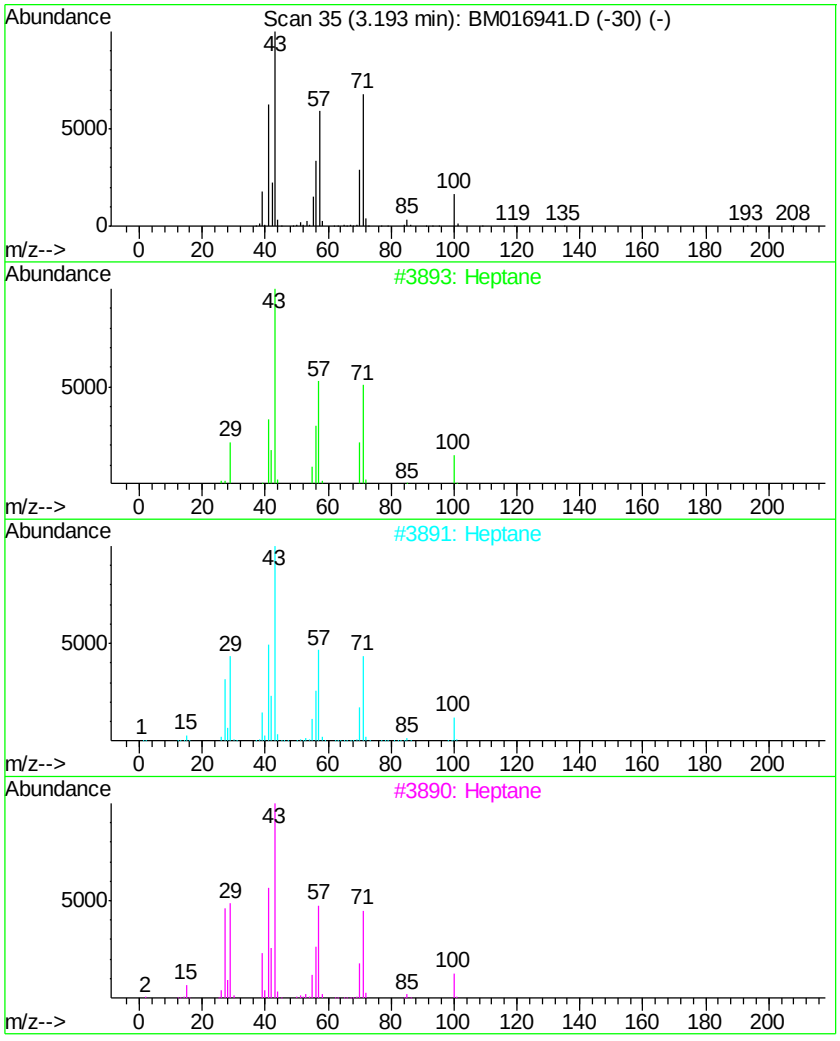
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

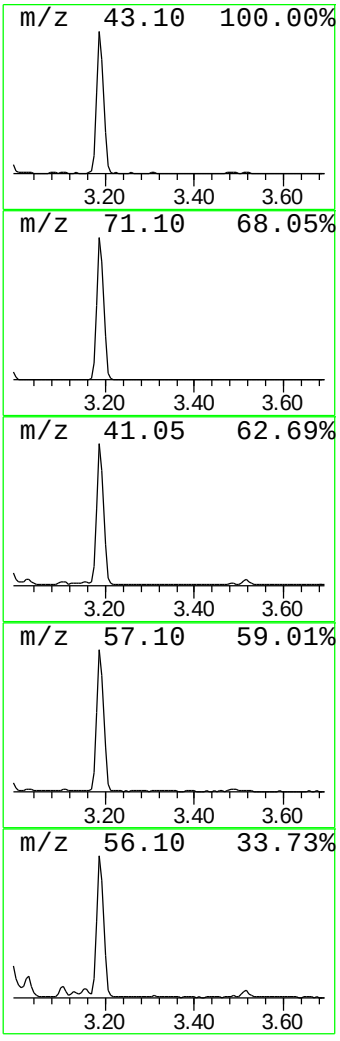
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	10.26 ng/ul	1236240	1,4-Dichlorobenzene-d4	7.71

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	91
4	Heptane	100	C7H16	000142-82-5	87
5	Oxirane, butyl-	100	C6H12O	001436-34-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

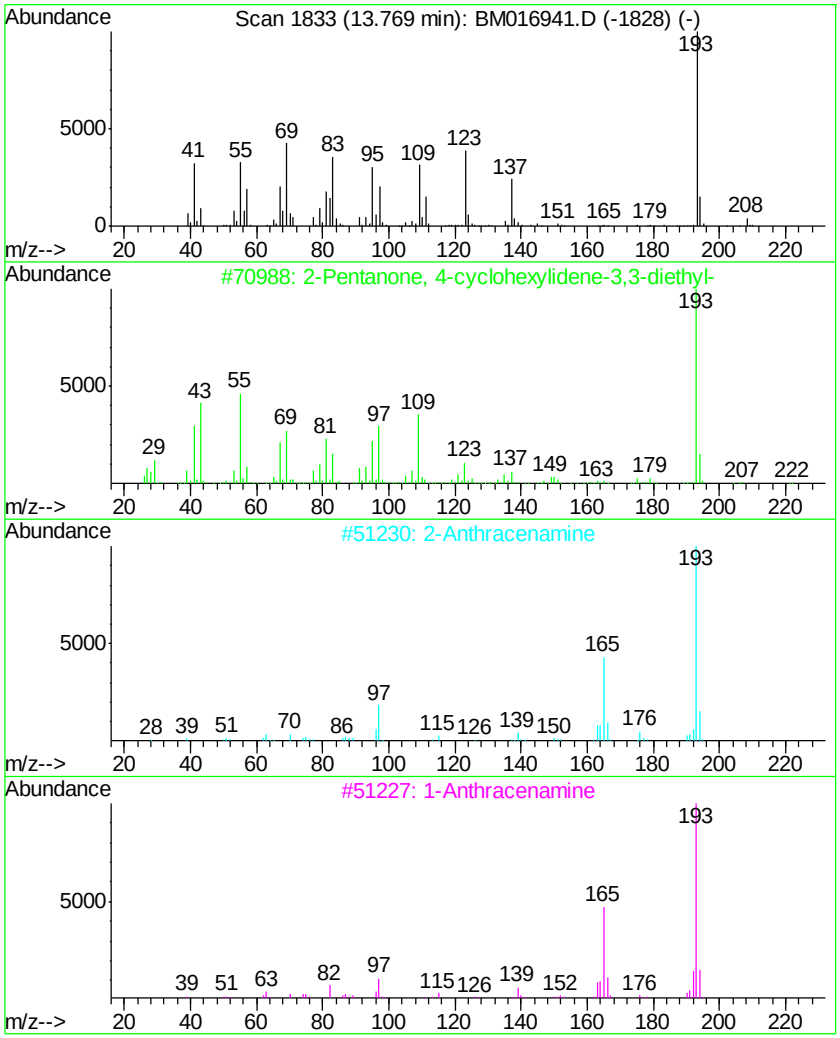
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

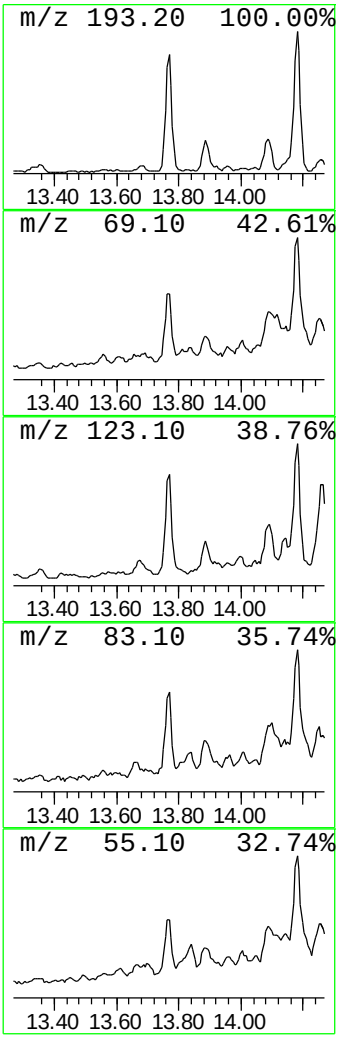
****

Peak Number 3 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.38 ng/ul	766482	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
2	2-Anthracenamine	193	C14H11N	000613-13-8	35
3	1-Anthracenamine	193	C14H11N	000610-49-1	30
4	Iminostilbene	193	C14H11N	000256-96-2	27
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

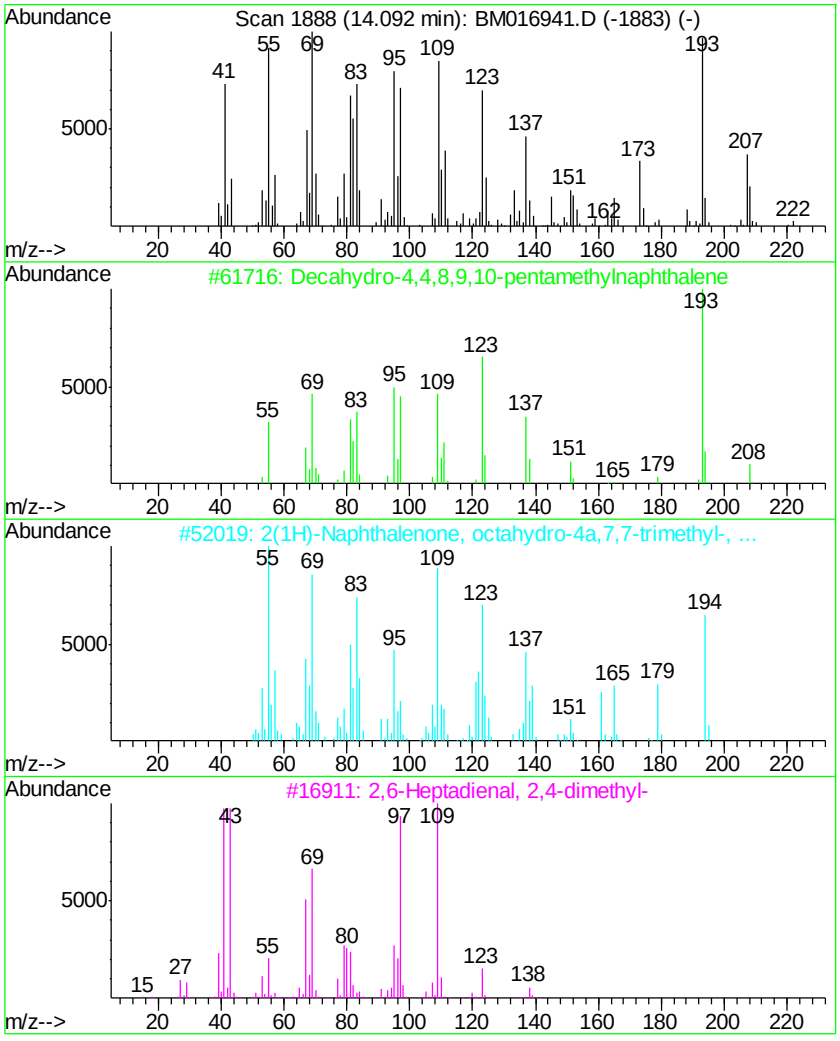
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

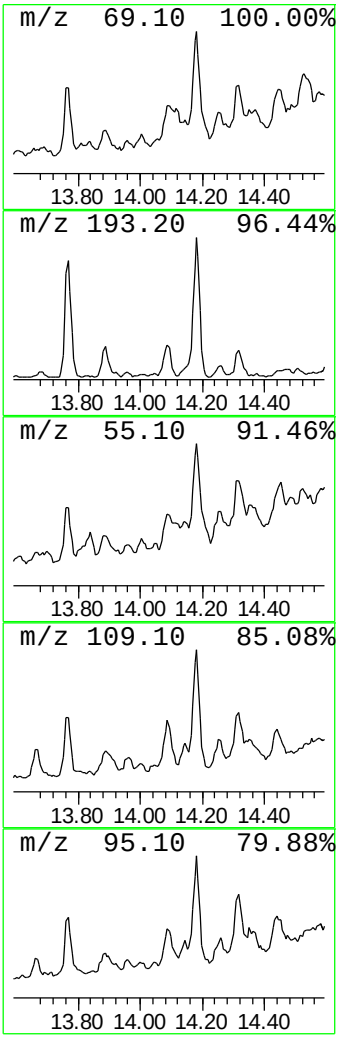
****

Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	3.50 ng/ul	794097	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	60
2	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	50
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	46
4	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

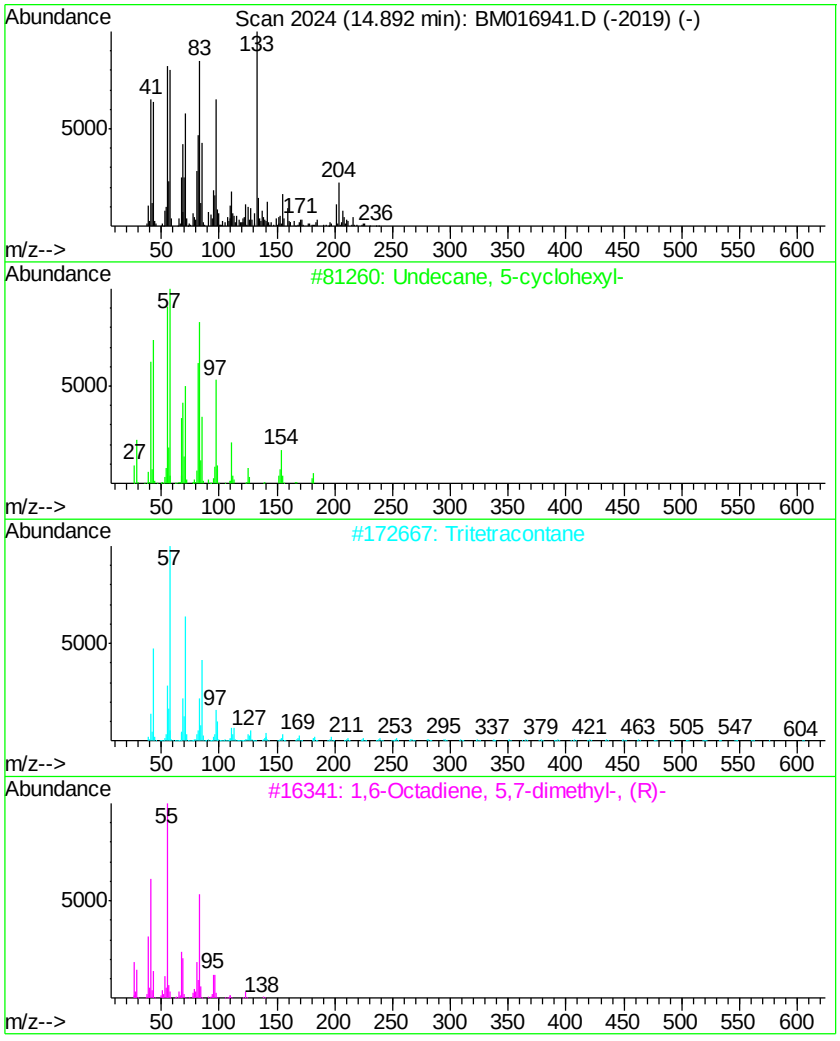
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

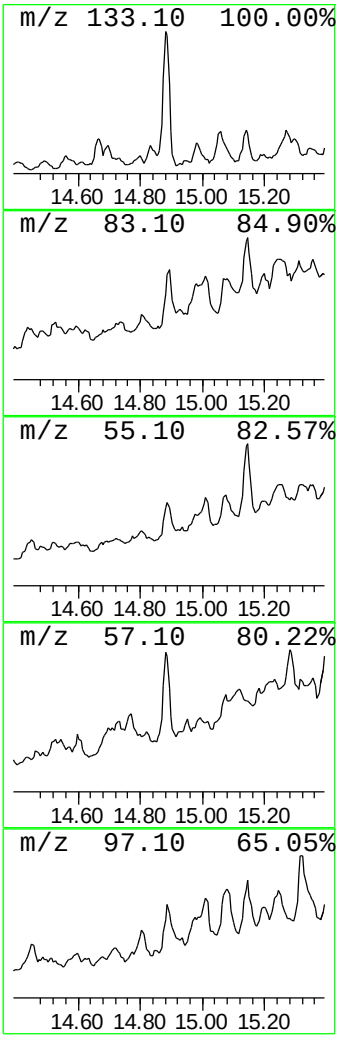
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.43 ng/ul	1231770	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	22
2	Tritetracontane	605	C43H88	007098-21-7	18
3	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	15
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	15
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	15





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

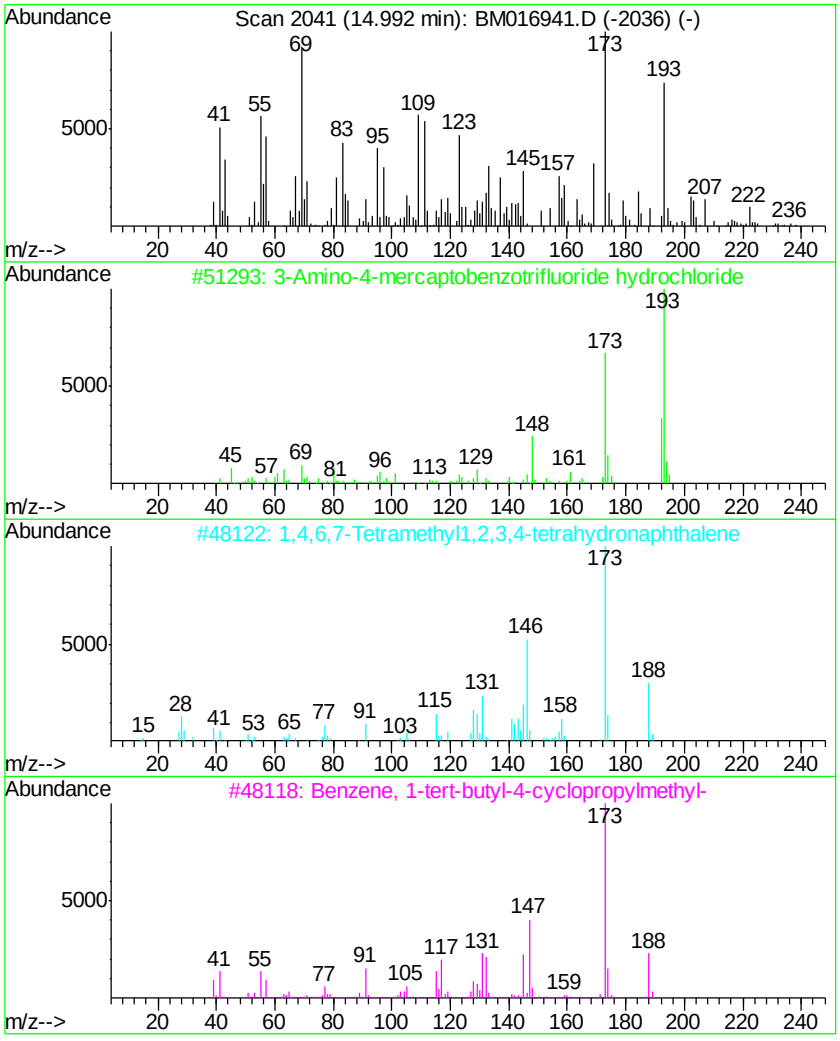
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

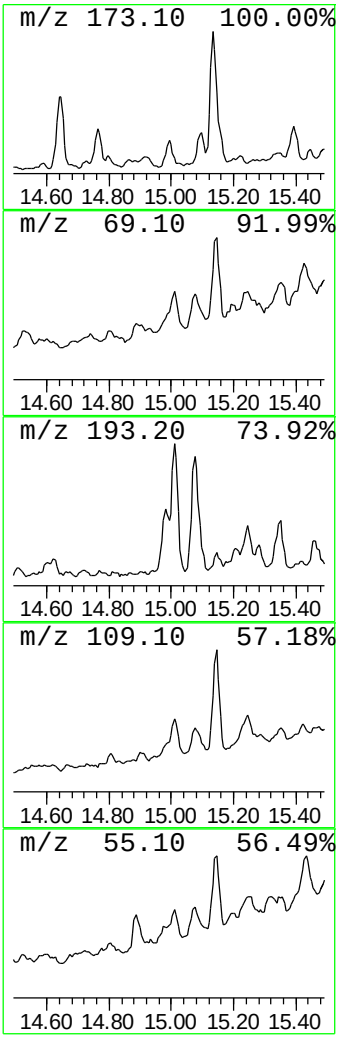
****

Peak Number 8 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.33 ng/ul	527938	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-4-mercaptobenzotrifluori...	193	C7H6F3NS	004274-38-8	22
2	1,4,6,7-Tetramethyl1,2,3,4-tetra...	188	C14H20	1000113-61-3	15
3	Benzene, 1-tert-butyl-4-cyclopro...	188	C14H20	058249-45-9	15
4	1,2-Dimethyl-4-quinolone	173	C11H11NO	006760-40-3	11
5	m-Nitrobenzaldehyde dimethylhydr...	193	C9H11N3O2	032787-76-1	11





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

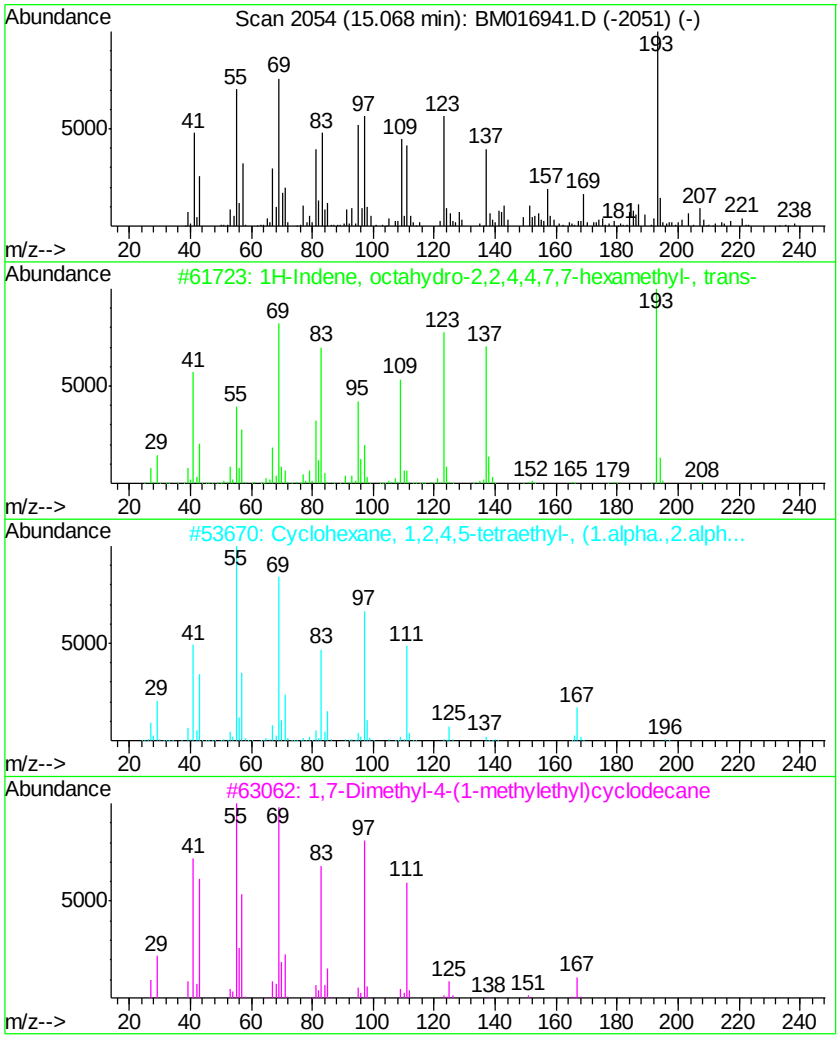
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

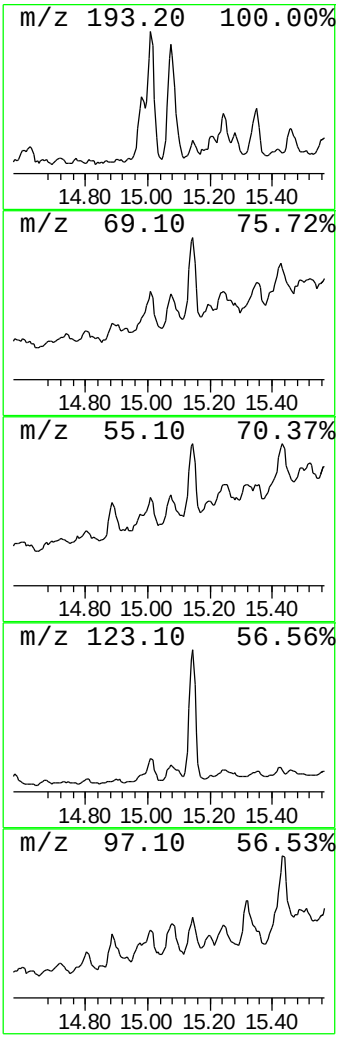
****

Peak Number 9 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.08 ng/ul	1151360	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	30
3	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	25
4	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	22
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

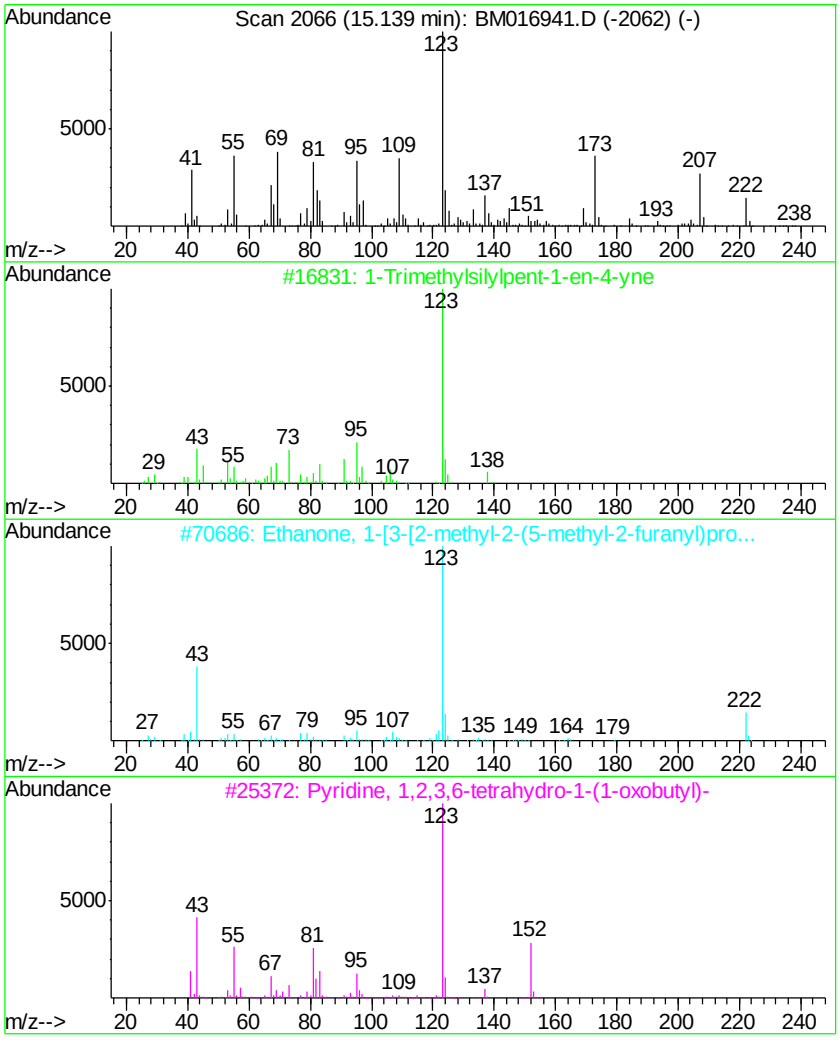
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

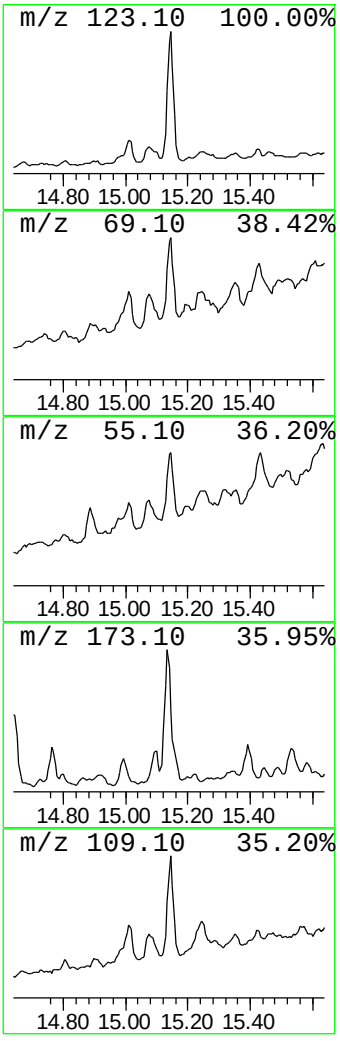
****

Peak Number 10 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	12.19 ng/ul	2765040	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
2	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43
3	Pyridine, 1,2,3,6-tetrahydro-1-(...	153	C9H15NO	057150-46-6	43
4	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
5	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	43





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Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

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Quant Title : SVOA CALIBRATION

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

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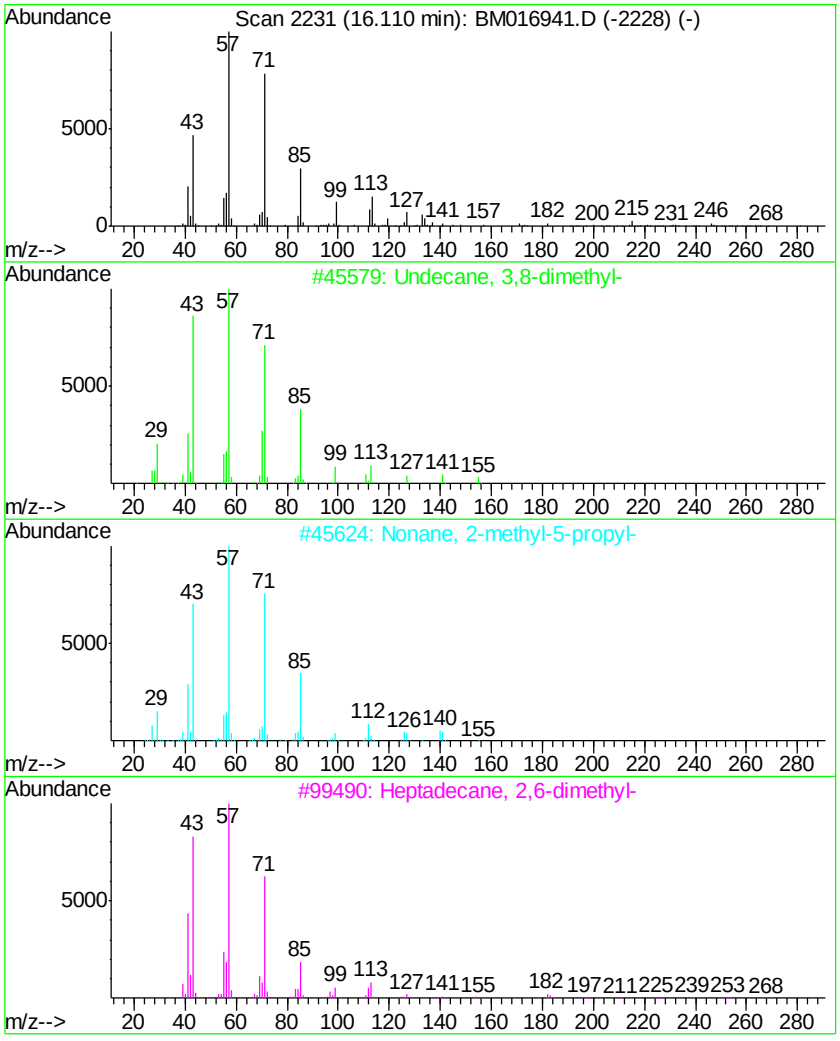
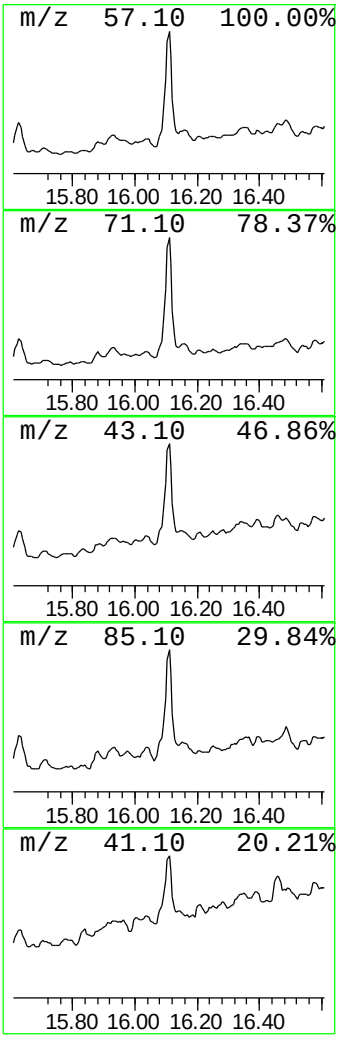
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	20.00 ng/ul	3386850	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53





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Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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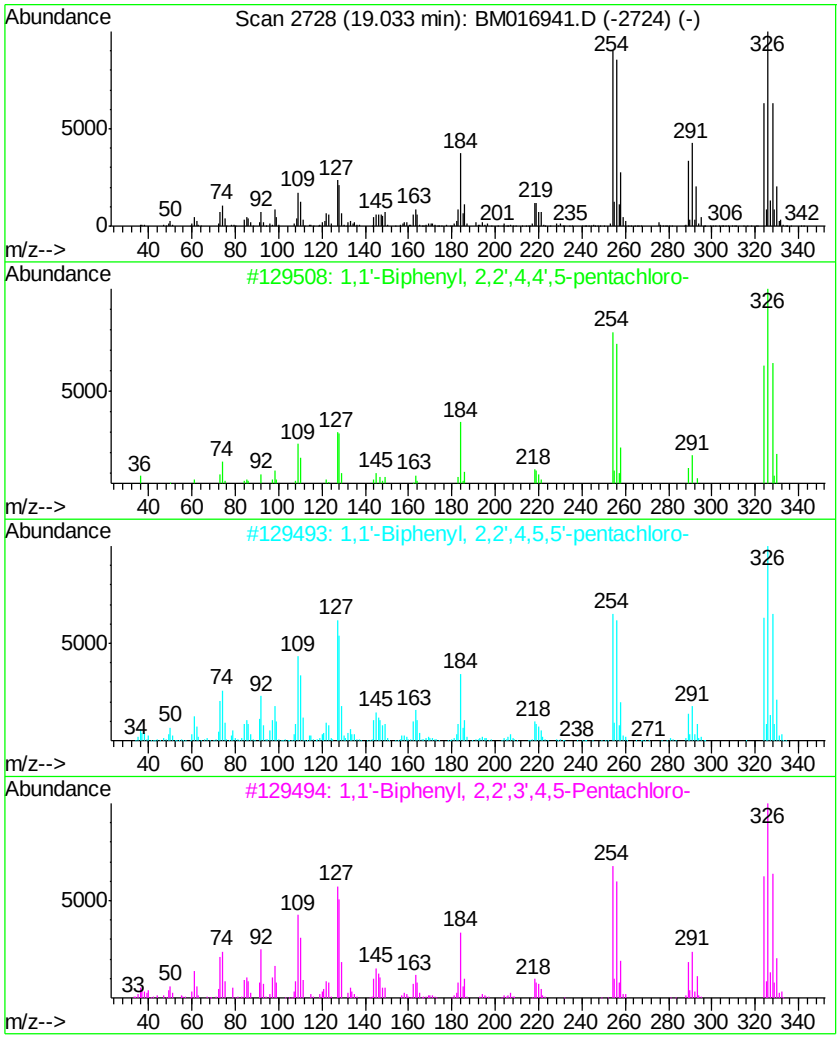
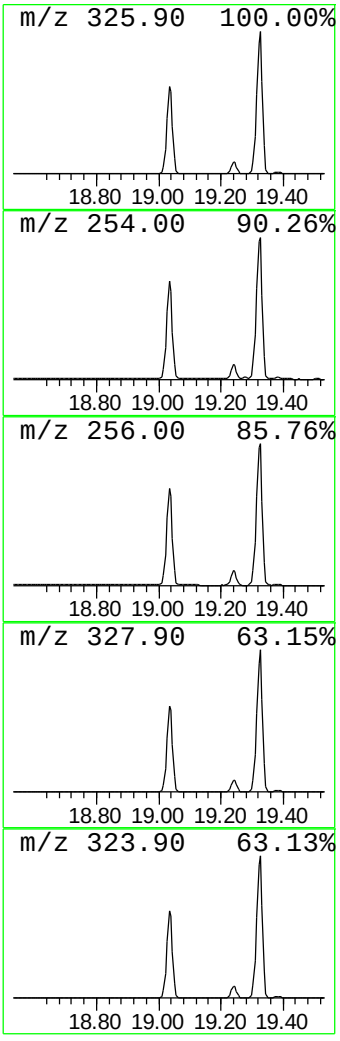
Peak Number 12 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	130.60 ng/ul	22116400	Phenanthrene-d10	17.10

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, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96





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Sample : J5125-06
Misc :
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Instrument : BNA_M
ClientSampleId : C0B74

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Quant Title : SVOA CALIBRATION

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

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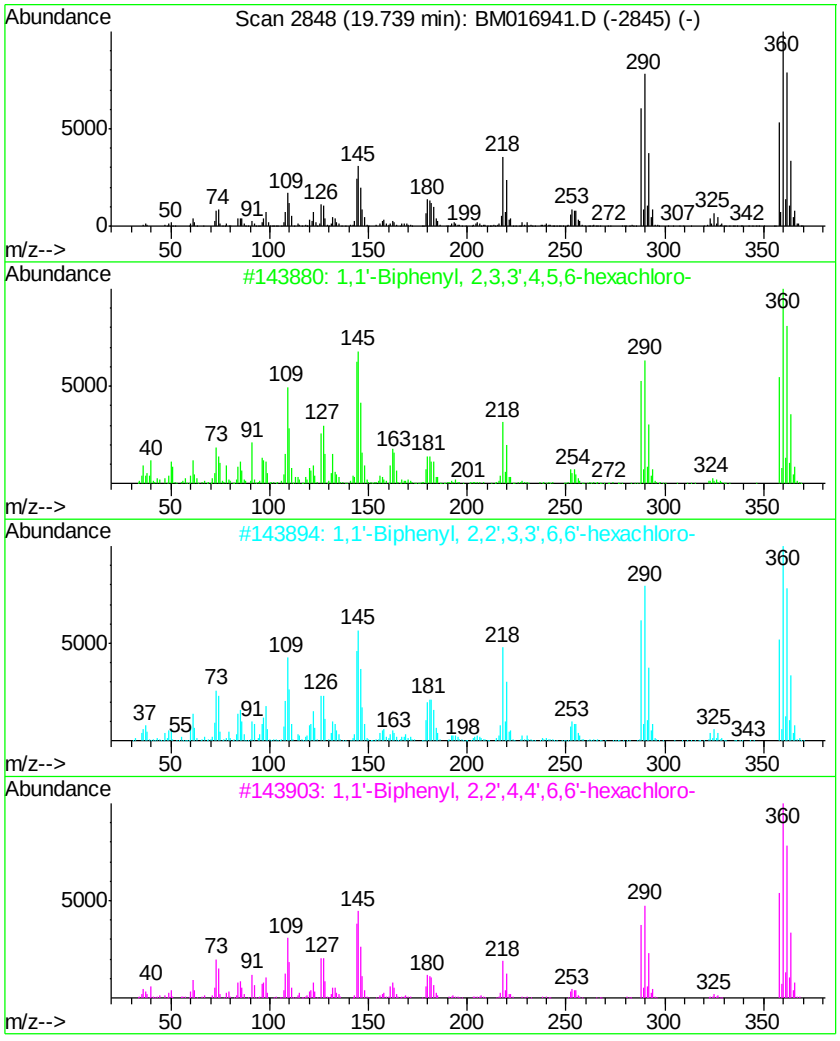
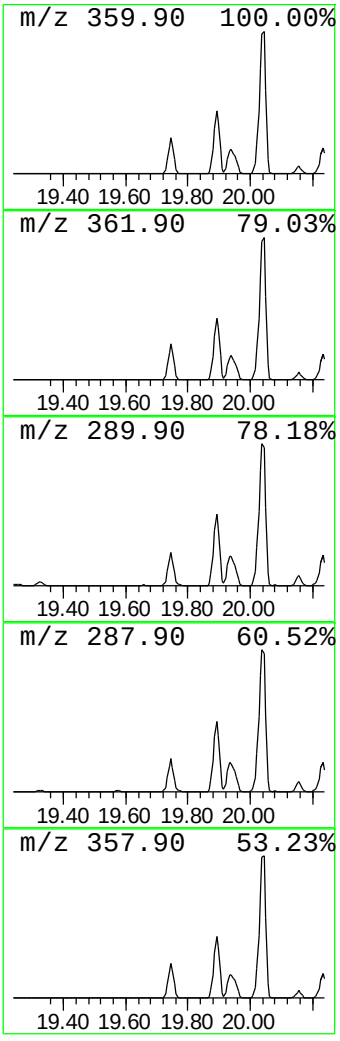
Peak Number 14 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.37 ng/ul	16898200	Chrysene-d12	21.30

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, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	97
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96





Library Search Compound Report

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Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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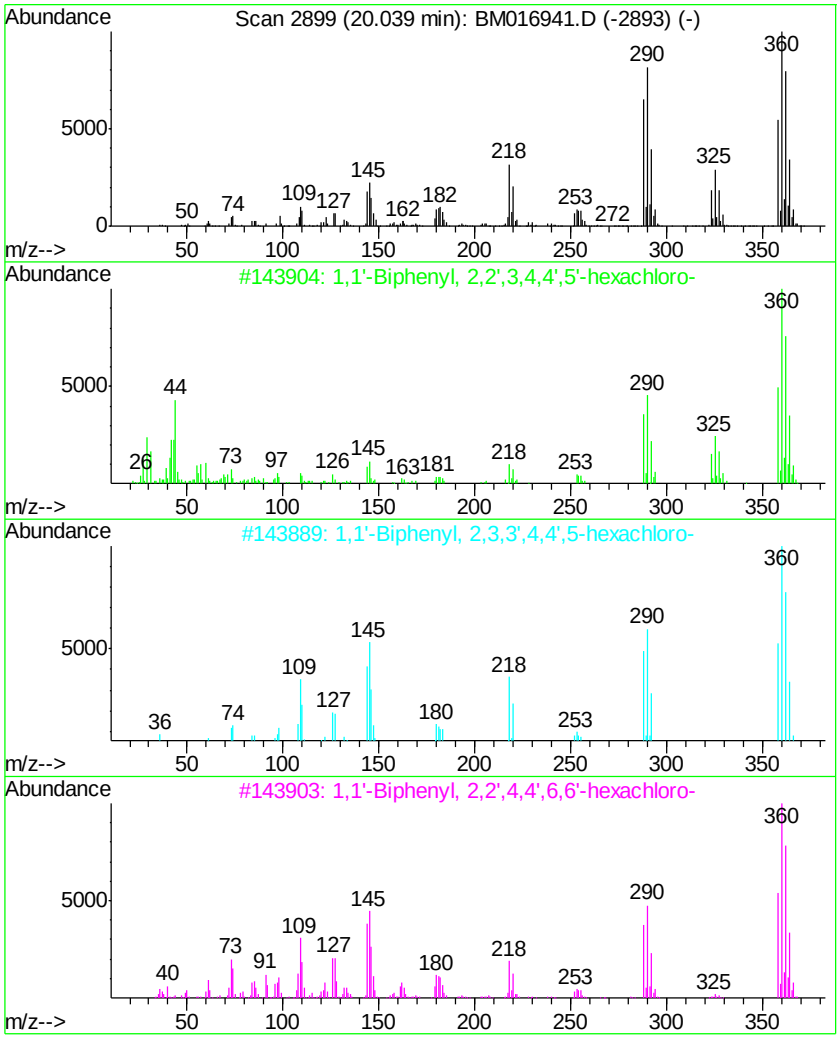
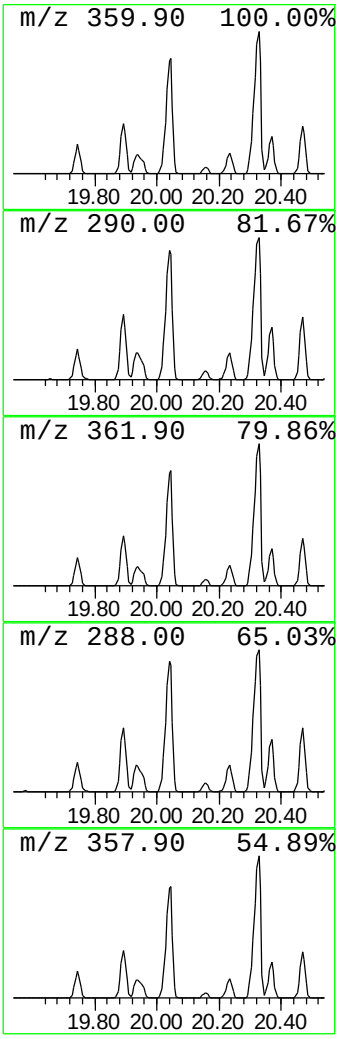
Peak Number 17 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	14.82 ng/ul	74324700	Chrysene-d12	21.30

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





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

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Quant Title : SVOA CALIBRATION

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

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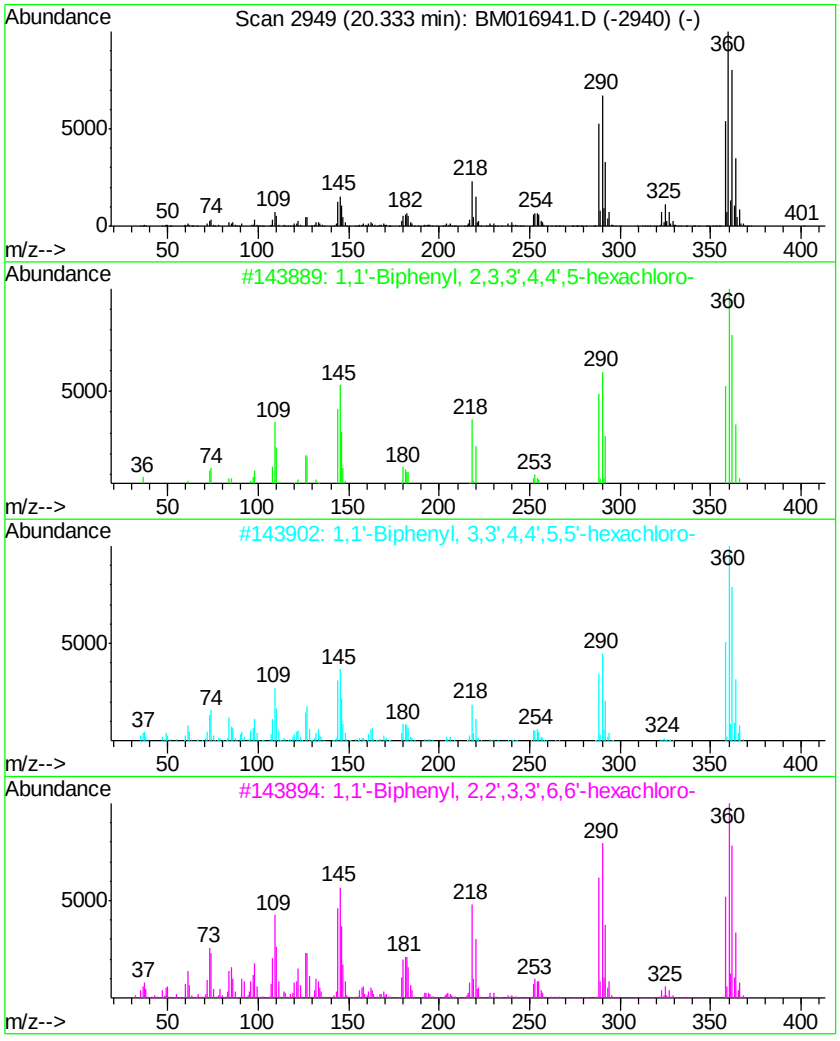
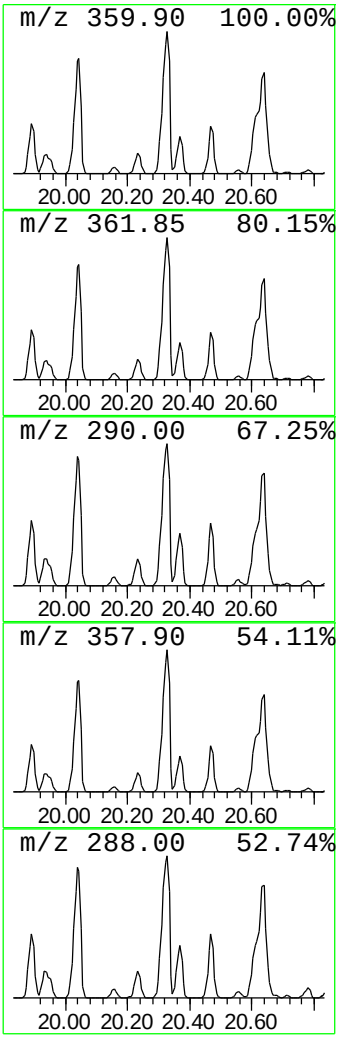
Peak Number 19 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	16.96 ng/ul	85058000	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	98
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96





Library Search Compound Report

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Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

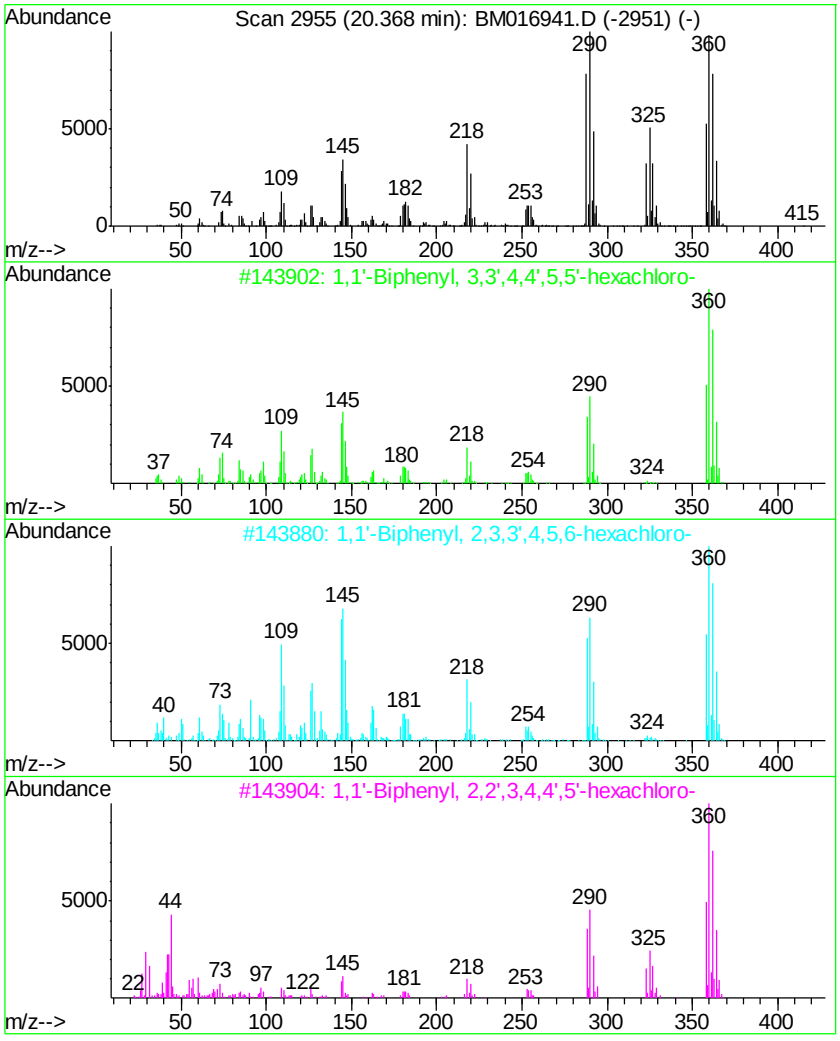
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

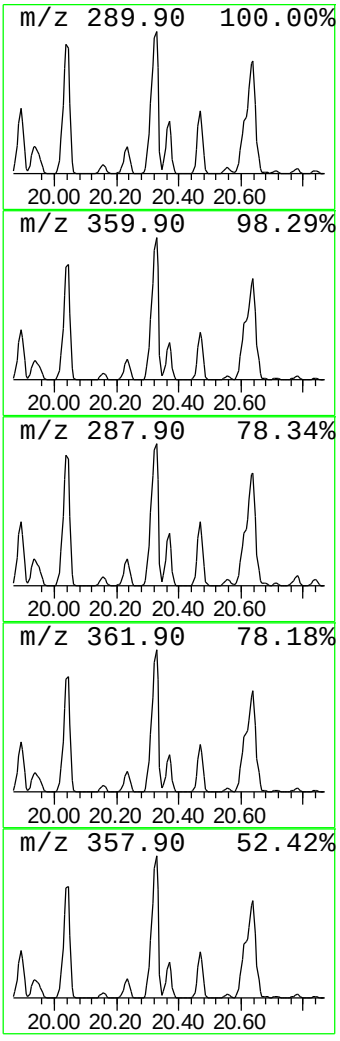
****

Peak Number 20 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	5.48 ng/ul	27494600	Chrysene-d12	21.30

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',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99





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Sample : J5125-06
Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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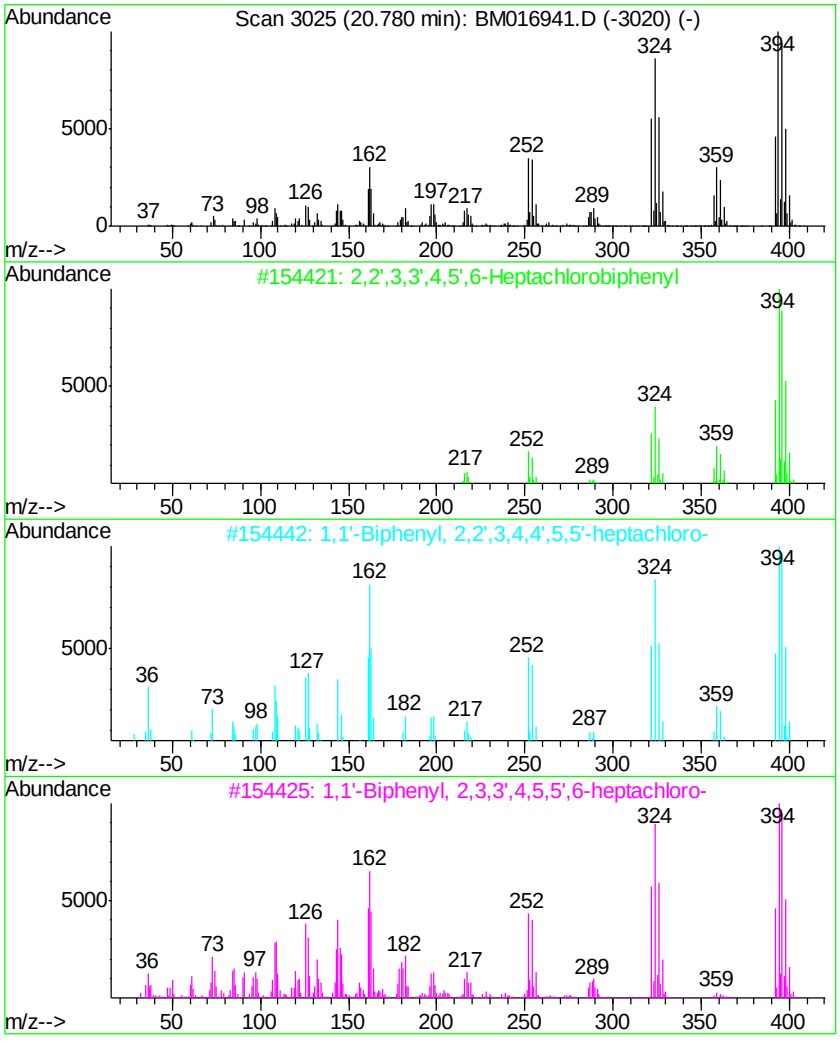
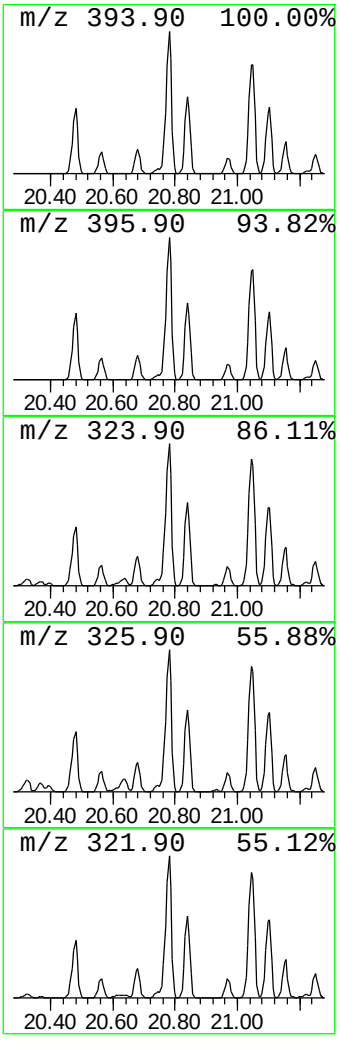
Peak Number 23 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	10.86 ng/ul	54460600	Chrysene-d12	21.30

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, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99





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Quant Title : SVOA CALIBRATION

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

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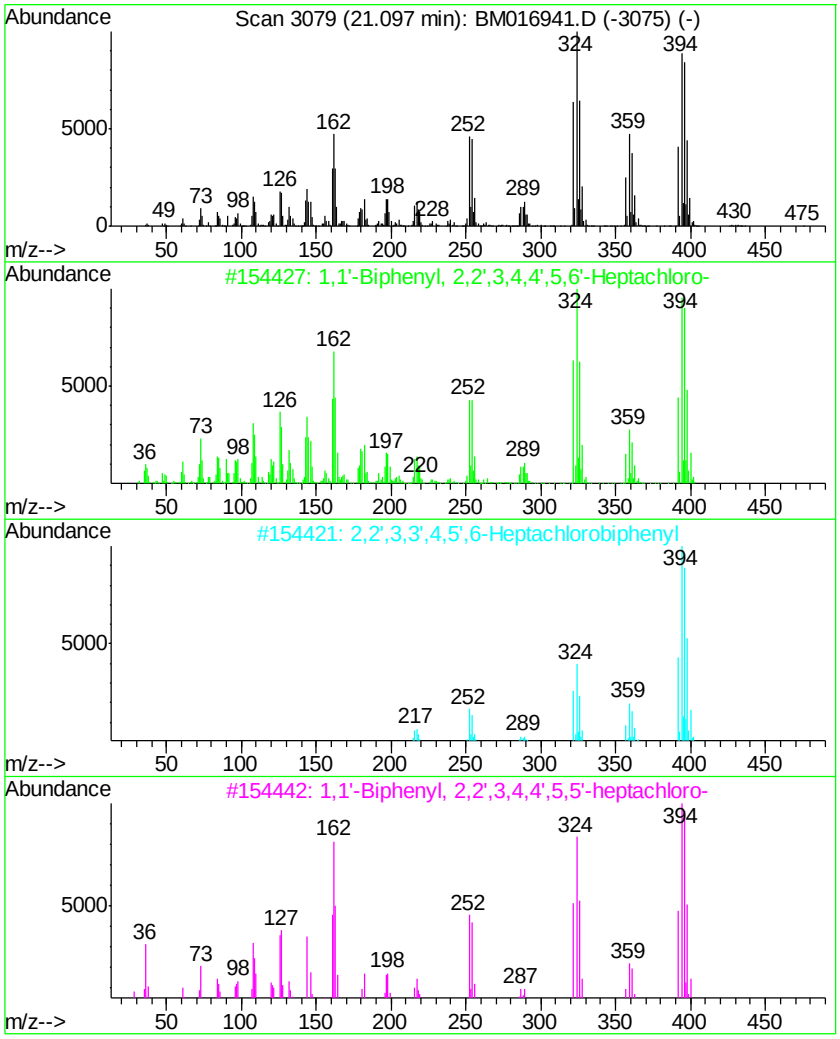
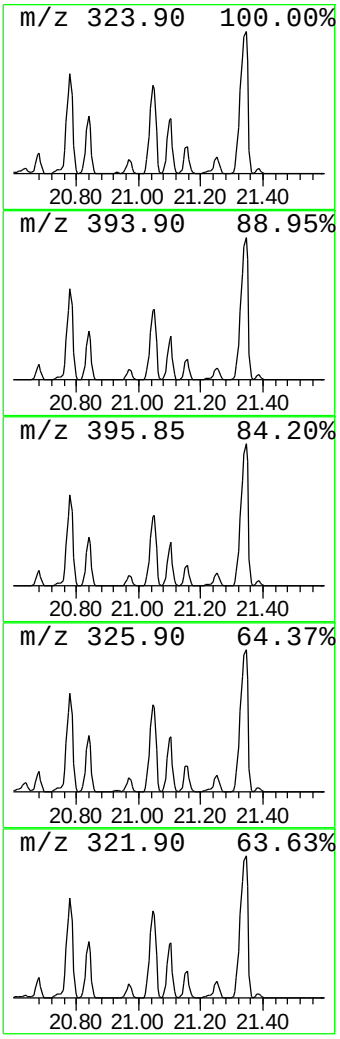
Peak Number 26 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	6.49 ng/ul	32567000	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





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Sample : J5125-06
Misc :
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Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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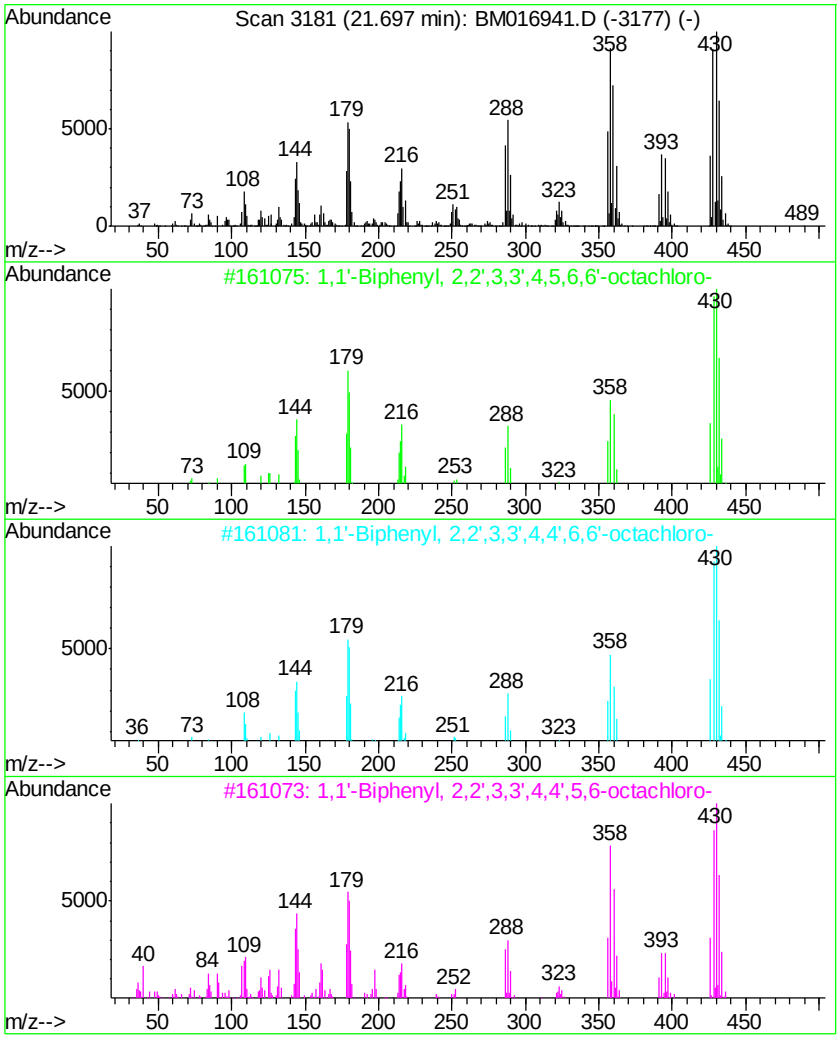
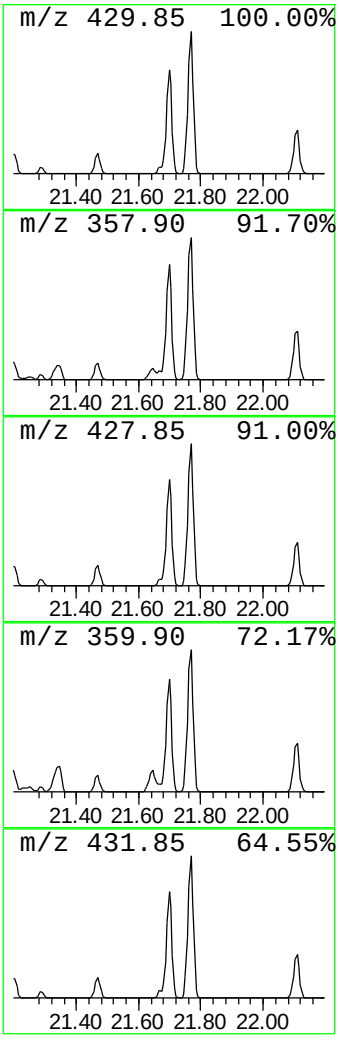
Peak Number 29 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	4.56 ng/ul	22856700	Chrysene-d12	21.30

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





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Quant Title : SVOA CALIBRATION

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

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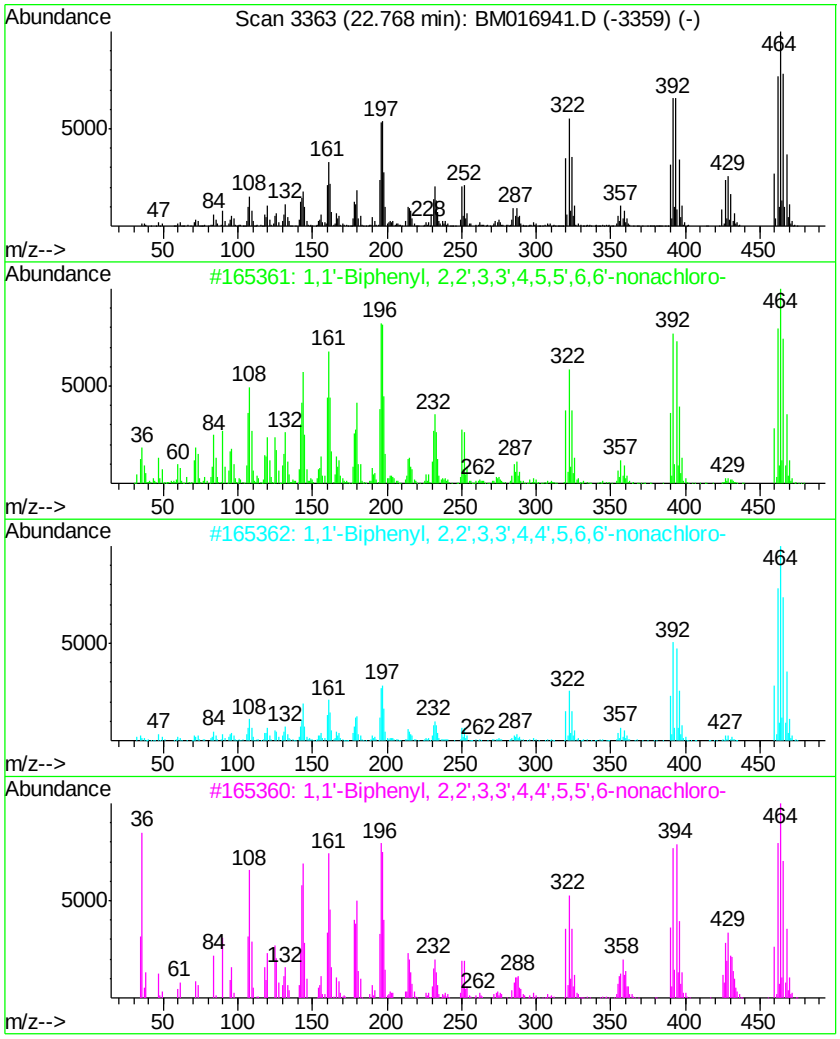
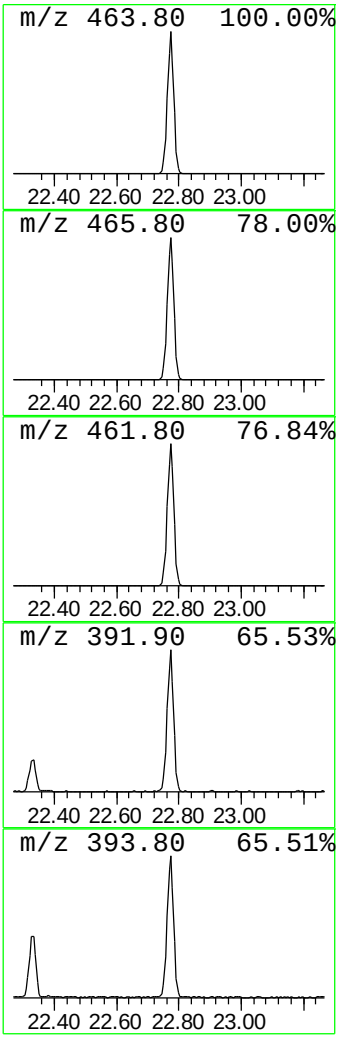
Peak Number 32 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	18.29 ng/ul	3923900	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	98
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	64
4	Acetic acid, 4,4,6a,6b,8a,11,12,...	466	C32H50O2	1000191-84-1	10
5	Pentacene, 5,6,7:12,13,14-hexathio-	464	C22H8S6	038037-63-7	10





Tentatively Identified Compound (LSC) summary

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Data File : BM016941.D
Acq On : 02 Oct 2018 03:04
Operator : MJ/SJ
Sample : J5125-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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...	3.19	10.3	ng/ul	1236240	1	7.71	2410670	20.0
unknown-01	13.77	3.4	ng/ul	766482	3	14.35	4534780	20.0
Decahydro-4,4,8,9...	14.09	3.5	ng/ul	794097	3	14.35	4534780	20.0
(DEL) Alkane: Str...	14.89	5.4	ng/ul	1231770	3	14.35	4534780	20.0
unknown-02	14.99	2.3	ng/ul	527938	3	14.35	4534780	20.0
unknown-03	15.07	5.1	ng/ul	1151360	3	14.35	4534780	20.0
unknown-04	15.14	12.2	ng/ul	2765040	3	14.35	4534780	20.0
(DEL) Alkane: Str...	16.11	20.0	ng/ul	3386850	4	17.10	3386850	20.0
1,1'-Biphenyl, 2,...	19.03	130.6	ng/ul	22116400	4	17.10	3386850	20.0
1,1'-Biphenyl, 2,...	19.74	3.4	ng/ul	16898200	5	21.30	100311000	20.0
1,1'-Biphenyl, 2,...	20.04	14.8	ng/ul	74324700	5	21.30	100311000	20.0
1,1'-Biphenyl, 2,...	20.33	17.0	ng/ul	85058000	5	21.30	100311000	20.0
1,1'-Biphenyl, 3,...	20.37	5.5	ng/ul	27494600	5	21.30	100311000	20.0
2,2',3,3',4,5',6-...	20.78	10.9	ng/ul	54460600	5	21.30	100311000	20.0
1,1'-Biphenyl, 2,...	21.10	6.5	ng/ul	32567000	5	21.30	100311000	20.0
1,1'-Biphenyl, 2,...	21.70	4.6	ng/ul	22856700	5	21.30	100311000	20.0
1,1'-Biphenyl, 2,...	22.77	18.3	ng/ul	3923900	6	23.52	4291420	20.0