LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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	40	rVB	1250150	1258515	5.13%	0.679%
2	7.710	794	803	806	rBV	1223709	1950302	7.95%	1.053%
3	7.745	806	809	819	rVB	880248	1341775	5.47%	0.724%
4	8.057	855	862	870	rVB	481894	772491	3.15%	0.417%
5	8.781	976	985	986	rBV5	15541	30161	0.12%	0.016%
6	8.934	1008	1011	1021	rVB7	21655	48864	0.20%	0.026%
7	9.069	1027	1034	1040	rVB8	24415	57153	0.23%	0.031%
8	9.169	1044	1051	1057	rBV8	11573	26795	0.11%	0.014%
9	9.363	1075	1084	1089	rBV	41150	80929	0.33%	0.044%
10	9.416	1089	1093	1097	rVB5	26789	39786	0.16%	0.021%
11	9.575	1113	1120	1125	rBV	42725	79245	0.32%	0.043%
12	9.675	1132	1137	1151	rVB8	50984	145979	0.60%	0.079%
13	9.951	1178	1184	1188	rVB7	19582	39456	0.16%	0.021%
14	10.192	1221	1225	1228	rBV4	17842	27702	0.11%	0.015%
15	10.363	1245	1254	1264	rBV	14504795	24521523	100.00%	13.234%
16	10.492	1267	1276	1285	rVB	1764014	3057311	12.47%	1.650%
17	10.575	1285	1290	1292	rBV4	18277	30714	0.13%	0.017%
18	10.616	1292	1297	1301	rBV2	74077	123081	0.50%	0.066%
19	10.657	1301	1304	1306	rBV2	35405	44283	0.18%	0.024%
20	10.875	1334	1341	1349	rBV	2529317	4241623	17.30%	2.289%
21	10.981	1355	1359	1362	rBV6	37055	48564	0.20%	0.026%
22	11.039	1363	1369	1377	rBV4	66186	174058	0.71%	0.094%
23	11.104	1377	1380	1384	rBV2	56716	83027	0.34%	0.045%
24	11.181	1384	1393	1399	rVB7	128802	335064	1.37%	0.181%
25	11.257	1401	1406	1410	rBV5	64157	119937	0.49%	0.065%
26	11.404	1426	1431	1438	rVB7	70130	160548	0.65%	0.087%
27	11.469	1438	1442	1446	rBV3	49674	75271	0.31%	0.041%
28	11.522	1446	1451	1455	rBV2	174221	350369	1.43%	0.189%
29	11.781	1491	1495	1498	rBV2	95556	133827	0.55%	0.072%
30	11.945	1517	1523	1524	rBV6	108748	203518	0.83%	0.110%
31	12.233	1567	1572	1578	rBV	267262	530603	2.16%	0.286%
32	12.298	1579	1583	1587	rBV5	106555	221831	0.90%	0.120%
33	12.369	1592	1595	1600	rVB6	95487	173035	0.71%	0.093%
34	12.528	1618	1622	1630	rVB2	440158	879571	3.59%	0.475%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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	12.704	1647	1652	1657	rBV6	316068	713148	2.91%	0.385%
36	12.780	1661	1665	1671	rVB	638374	993357	4.05%	0.536%
37	12.845	1672	1676	1680	rVV5	249320	495268	2.02%	0.267%
38	12.886	1680	1683	1687	rVB	357971	478684	1.95%	0.258%
39	12.945	1688	1693	1698	rBV2	613552	1153968	4.71%	0.623%
40	13.133	1720	1725	1732	rBV3	1313635	2726143	11.12%	1.471%
41	13.669	1813	1816	1820	rBV3	557646	909520	3.71%	0.491%
42	13.774	1829	1834	1838	rBV	4430541	6342430	25.86%	3.423%
43	13.845	1842	1846	1850	rVV2	2001957	3024547	12.33%	1.632%
44	13.892	1850	1854	1862	rVB3	1500316	3064863	12.50%	1.654%
45	14.092	1884	1888	1893	rBV4	2053505	3989427	16.27%	2.153%
46	14.186	1899	1904	1911	rVB	6823291	10502045	42.83%	5.668%
47	14.263	1912	1917	1921	rBV3	1718719	3157357	12.88%	1.704%
48	14.322	1922	1927	1930	rBV2	2890769	5534707	22.57%	2.987%
49	14.357	1930	1933	1941	rVB2	2988372	5045495	20.58%	2.723%
50	14.686	1985	1989	1992	rBV	1531477	2455204	10.01%	1.325%
51	14.892	2020	2024	2031	rBV5	2774750	4713939	19.22%	2.544%
52	15.080	2052	2056	2062	rVB4	2051333	4062600	16.57%	2.192%
53	15.151	2063	2068	2073	rBV2	6397667	9542091	38.91%	5.150%
54	15.633	2147	2150	2157	rVB	3233163	4908724	20.02%	2.649%
55	16.116	2224	2232	2239	rBV	9227154	18774003	76.56%	10.132%
56	16.933	2368	2371	2381	rVB	5280119	8449435	34.46%	4.560%
57	20.027	2893	2897	2901	rBV	3708794	4353035	17.75%	2.349%
58	20.303	2940	2944	2949	rVB	4354720	5353726	21.83%	2.889%
59	20.456	2968	2970	2977	rVB2	1572576	2215452	9.03%	1.196%
60	20.621	2991	2998	3004	rVB3	2421366	4988136	20.34%	2.692%
61	20.768	3019	3023	3030	rVB	2277831	2825515	11.52%	1.525%
62	20.827	3031	3033	3037	rVB	916586	923646	3.77%	0.498%
63	21.033	3065	3068	3072	rVB	2283664	2625656	10.71%	1.417%
64	21.092	3075	3078	3083	rVB2	1197128	1620842	6.61%	0.875%
65	21.292	3108	3112	3114	rBV	2646352	3182828	12.98%	1.718%
66	21.321	3114	3117	3123	rVB	4584867	5178121	21.12%	2.794%
67	21.633	3166	3170	3175	rVV	1685096	2216000	9.04%	1.196%
68	21.692	3177	3180	3187	rVB4	833171	1229865	5.02%	0.664%
69	21.756	3188	3191	3197	rVB2	865993	1059308	4.32%	0.572%
70	21.939	3219	3222	3226	rVB	552599	686859	2.80%	0.371%
71	22.321	3284	3287	3291	rBV	546172	696506	2.84%	0.376%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

72	23.521	3485	3491	3502	rVB2	1942989	3698152	15.08%	1.996%

Sum of corrected areas: 185297513

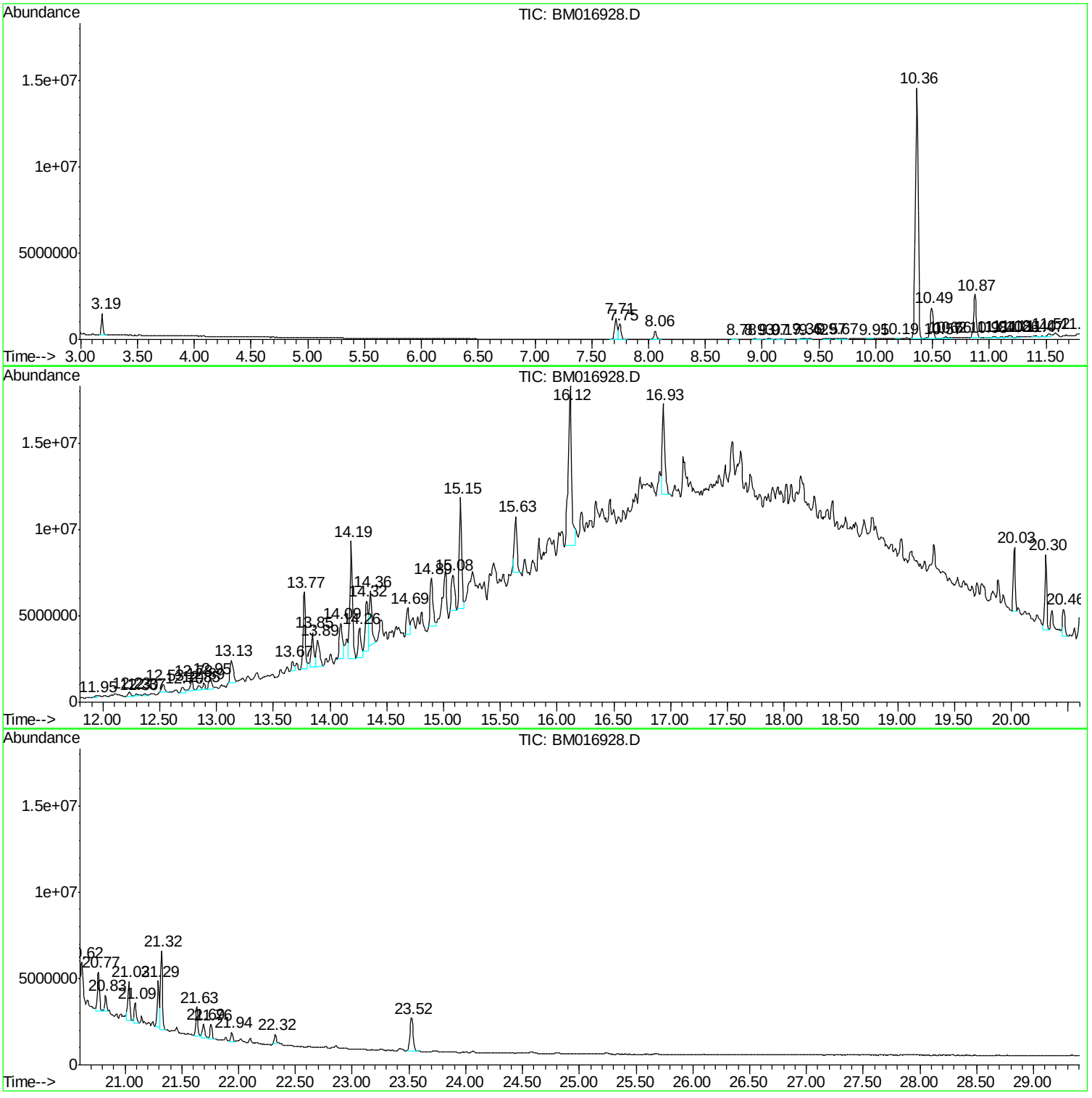
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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 : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

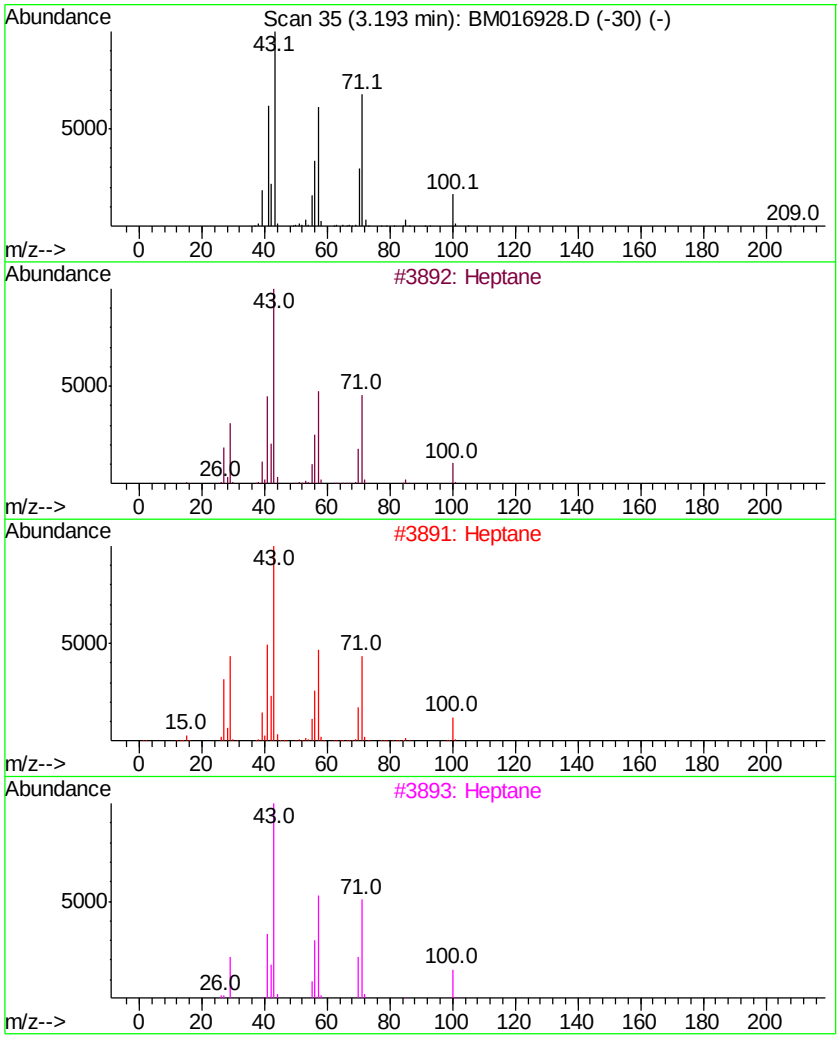
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

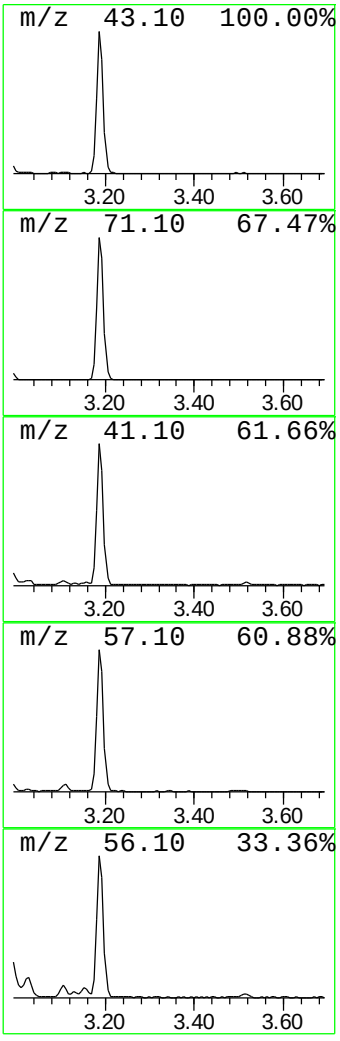
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	12.91 ng/ul	1258520	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	90
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

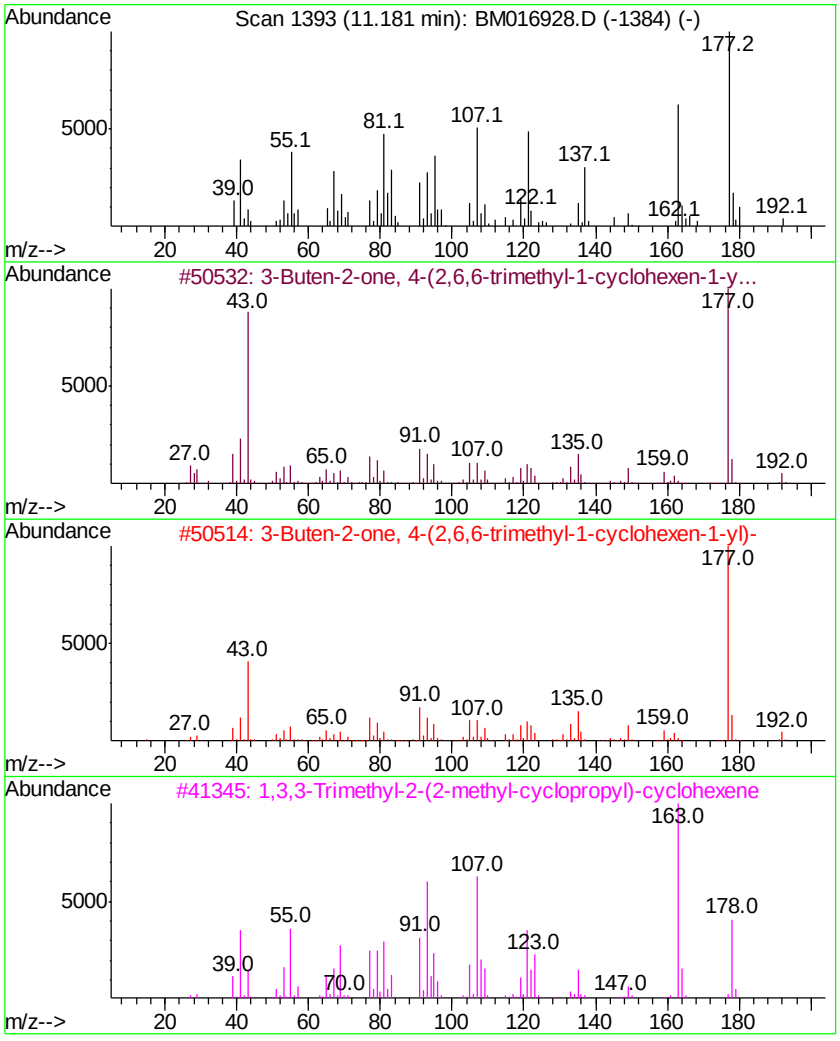
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

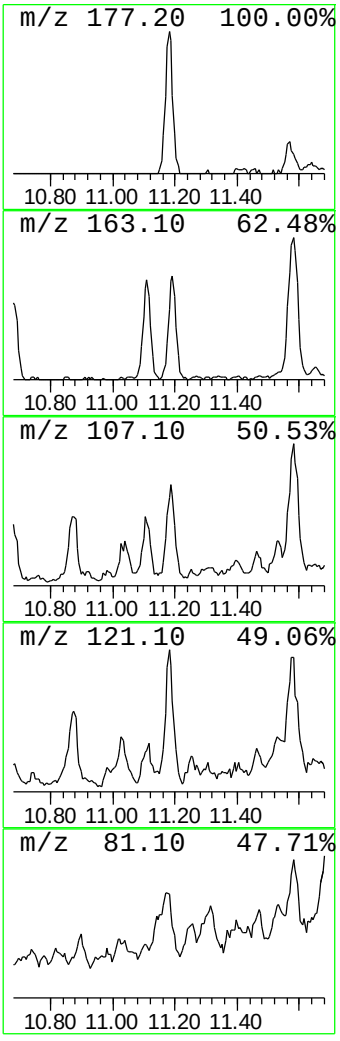
****

Peak Number 5 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.19 ng/ul	335064	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	38
2	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	35
3	1,3,3-Trimethyl-2-(2-methyl-cycl...	178	C13H22	285129-06-8	30
4	2,4a-Epidioxy-5,6,7,8-tetrahydro...	224	C13H20O3	1000212-29-9	27
5	4(1H)-Pteridinone, 2-amino-6-met...	177	C7H7N5O	000708-75-8	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

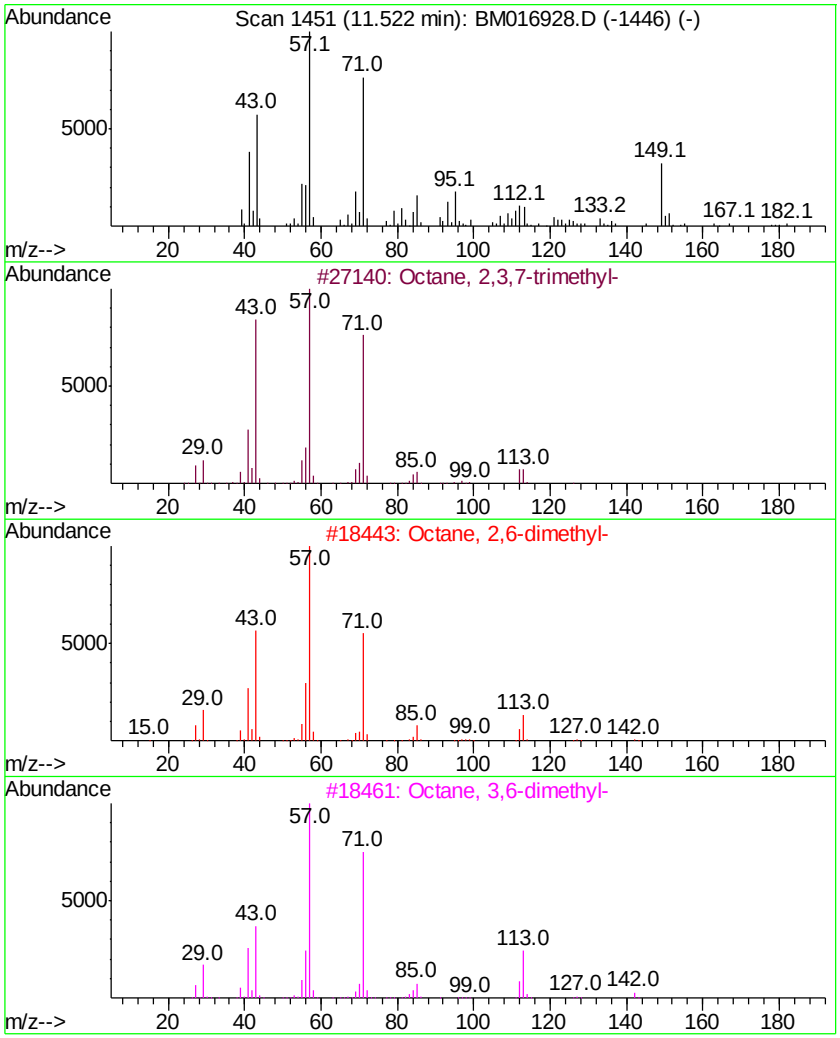
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

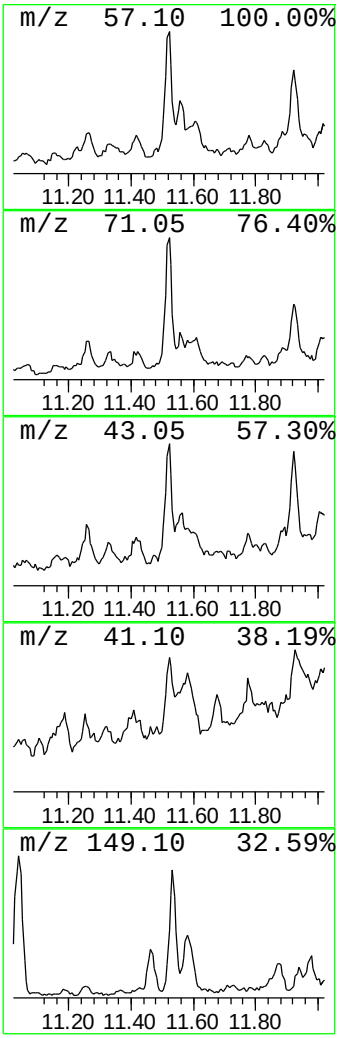
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.29 ng/ul	350369	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4	Decane, 5-propyl-	184	C13H28	017312-62-8	47
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

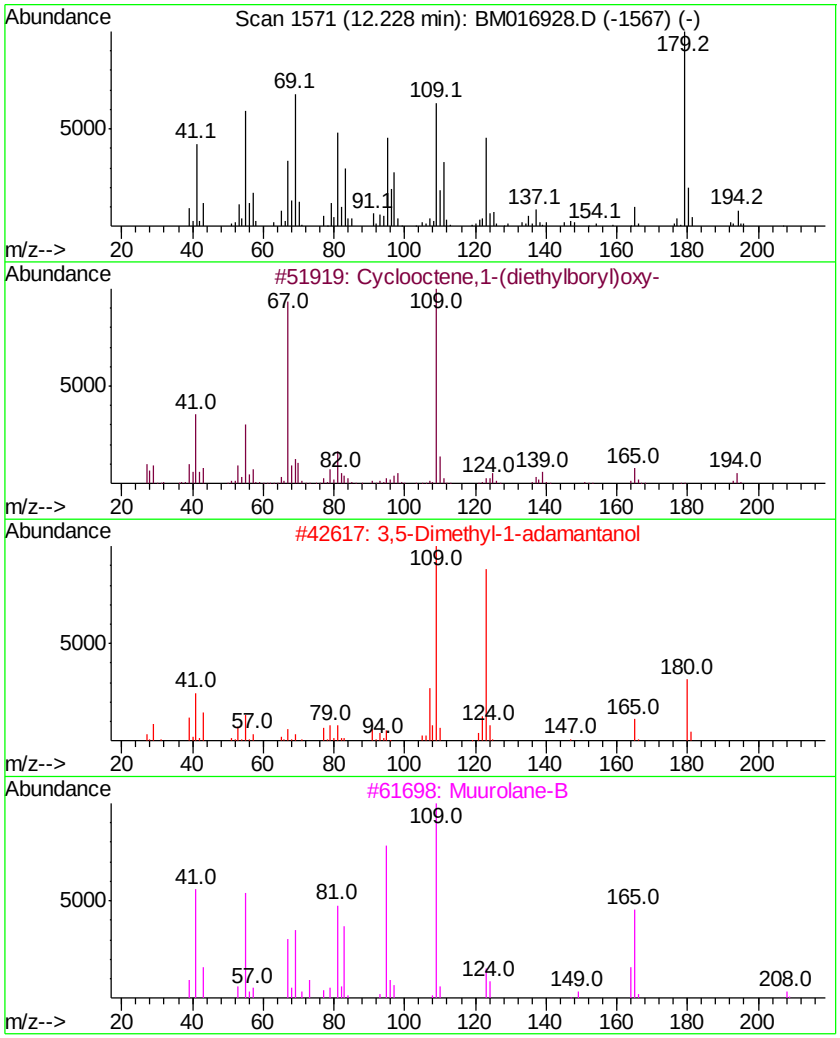
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

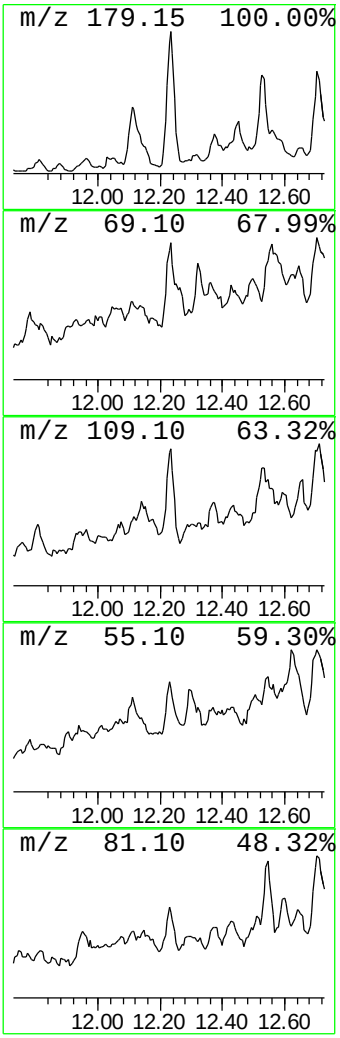
****

Peak Number 7 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.47 ng/ul	530603	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene,1-(diethylboryl)oxy-	194	C12H23BO	057387-71-0	15
2	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	12
3	Muurolane-B	208	C15H28	1000121-63-7	12
4	Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	12
5	4-Butylbenzoic acid, octadecyl e...	430	C29H50O2	1000292-33-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

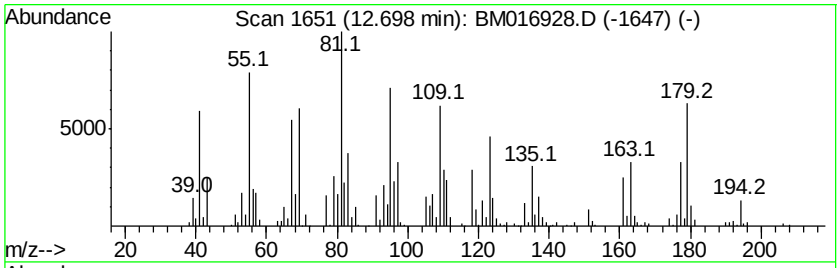
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

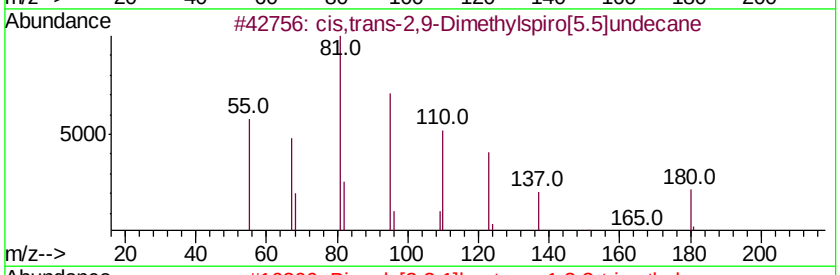
****

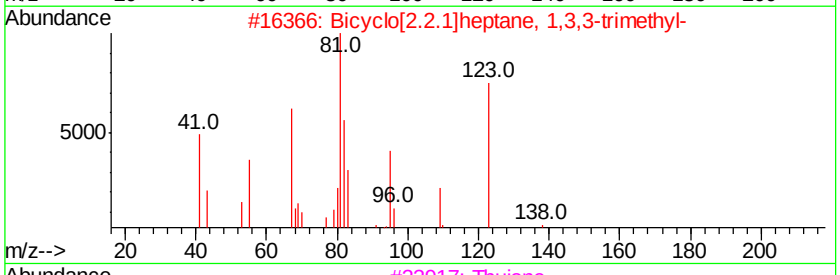
Peak Number 8 unknow-03 Concentration Rank 35

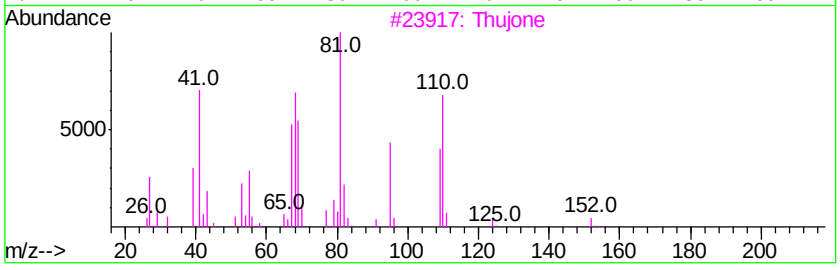
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.83 ng/ul	713148	Acenaphthene-d10	14.36

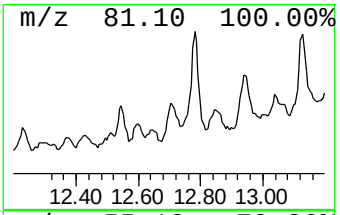
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	42
2	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	38
3	Thujone	152	C10H16O	000546-80-5	38
4	Ethanone, 1-(3-methylenecyclopen...	124	C8H12O	054829-98-0	25
5	cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	25

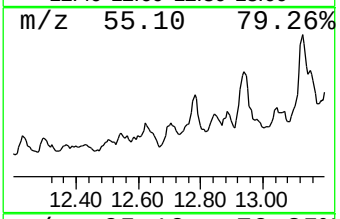


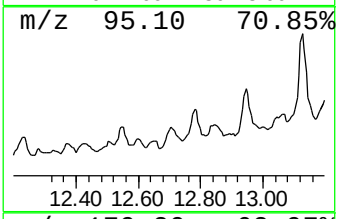


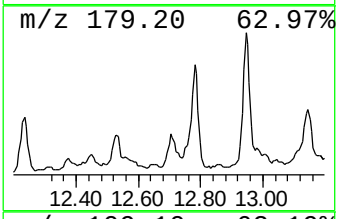


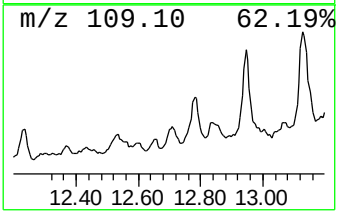












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

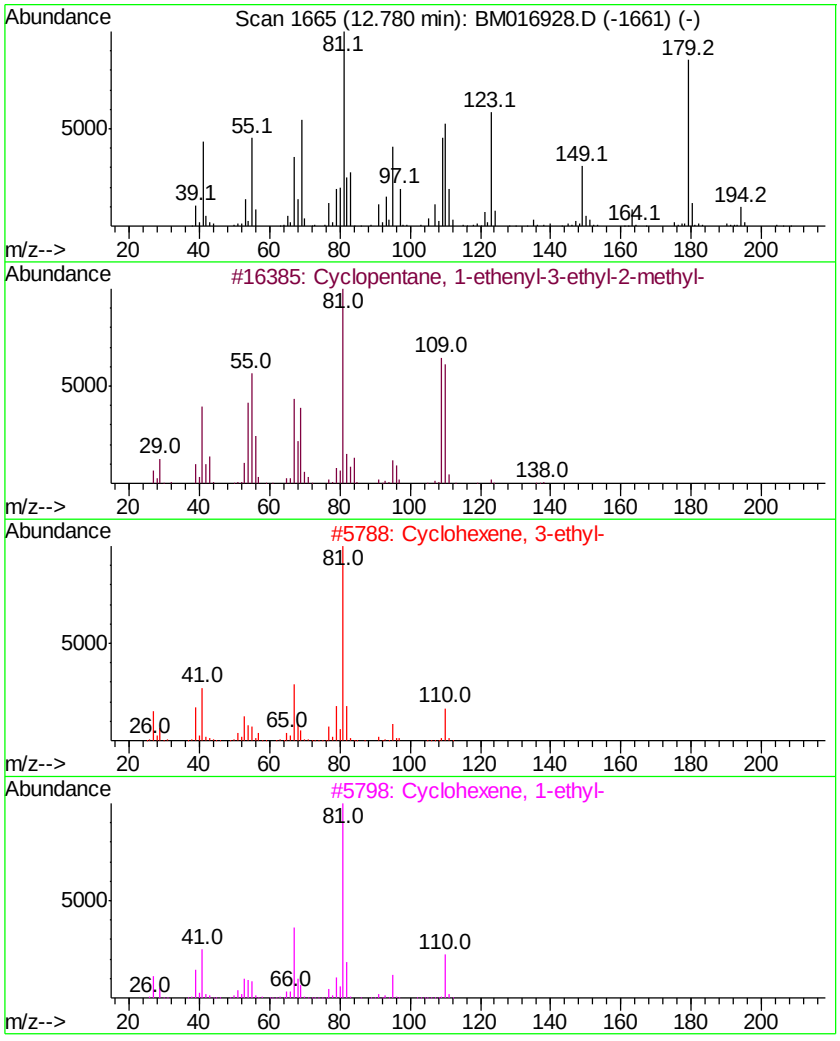
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

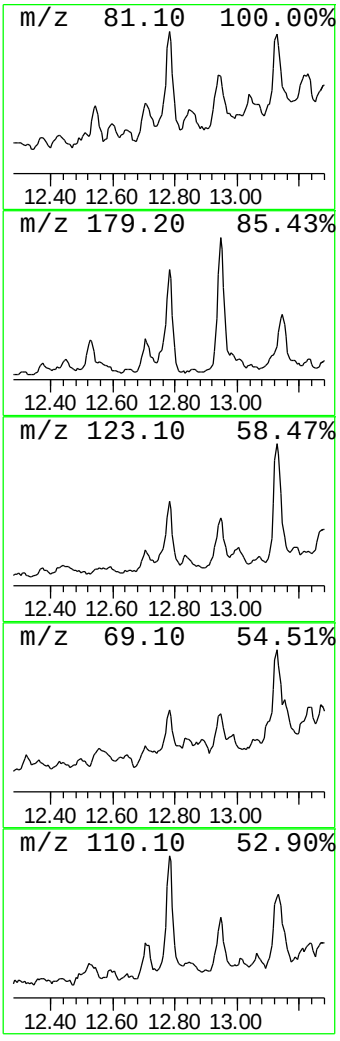
****

Peak Number 9 unknown-04 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.94 ng/ul	993357	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	35
2	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
4	3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	25
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

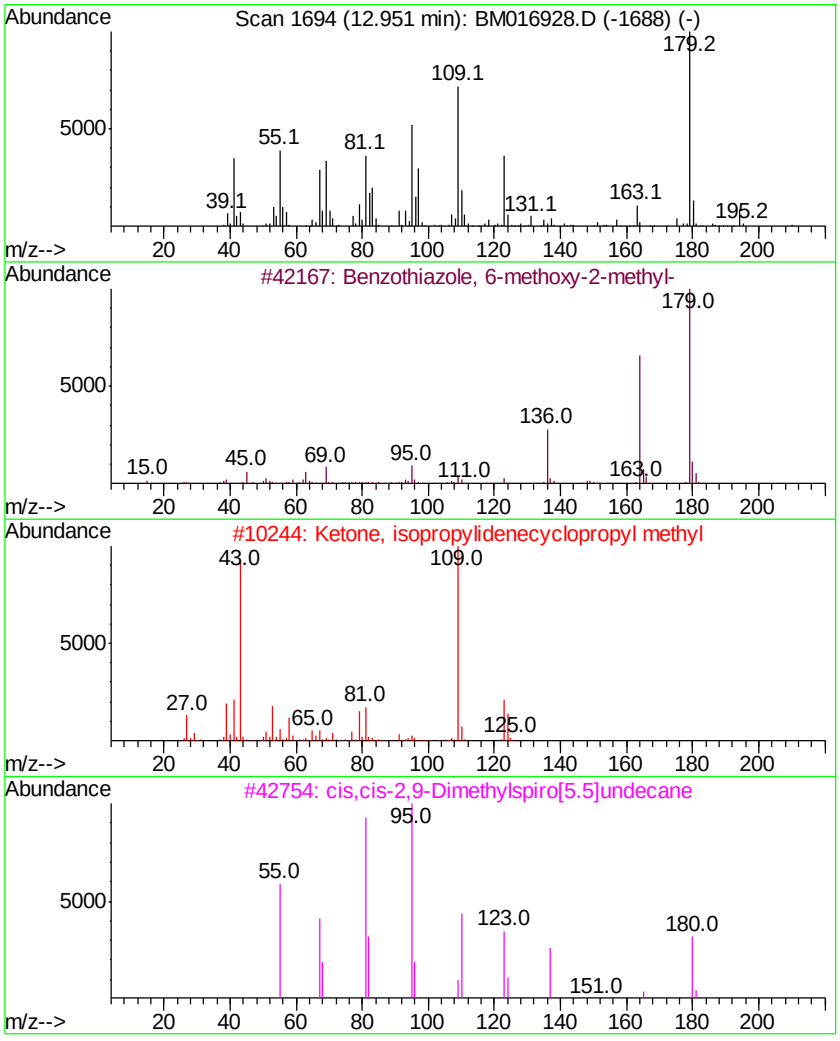
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

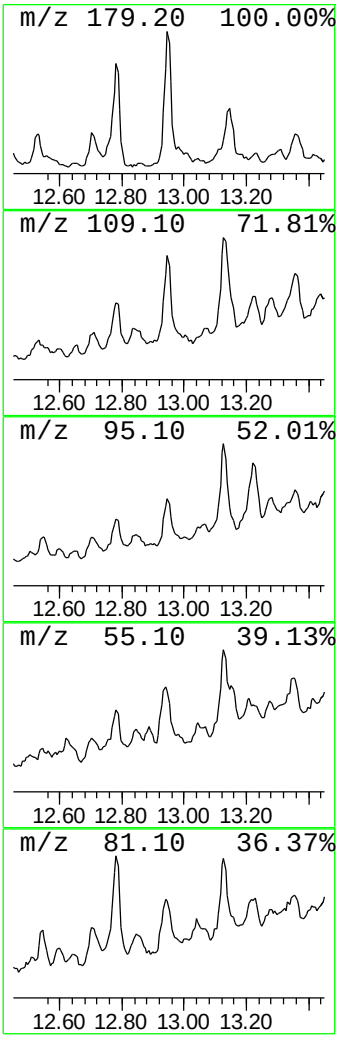
****

Peak Number 10 unknown-05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	4.57 ng/ul	1153970	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 6-methoxy-2-methyl-	179	C9H9NOS	002941-72-2	22
2	Ketone, isopropylidenecyclopropy...	124	C8H12O	029765-67-1	18
3	cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	18
4	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	18
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

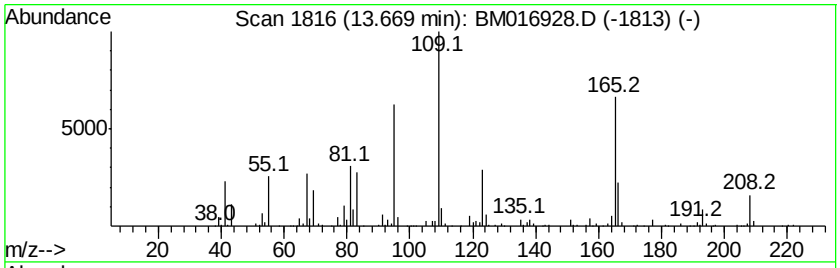
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

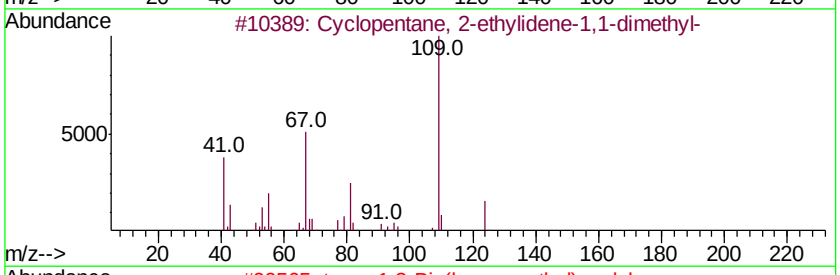
****

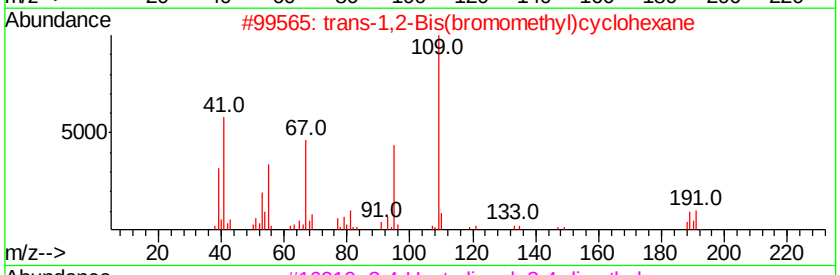
Peak Number 11 unknown-06 Concentration Rank 33

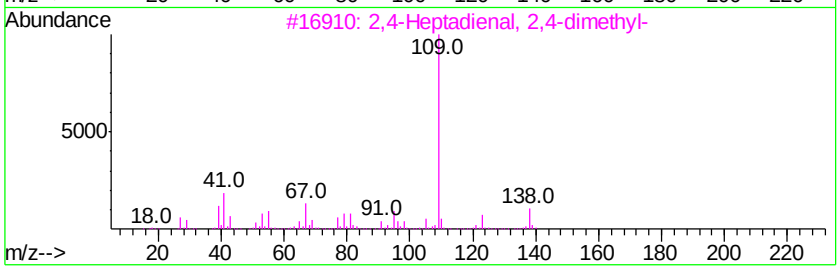
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.61 ng/ul	909520	Acenaphthene-d10	14.36

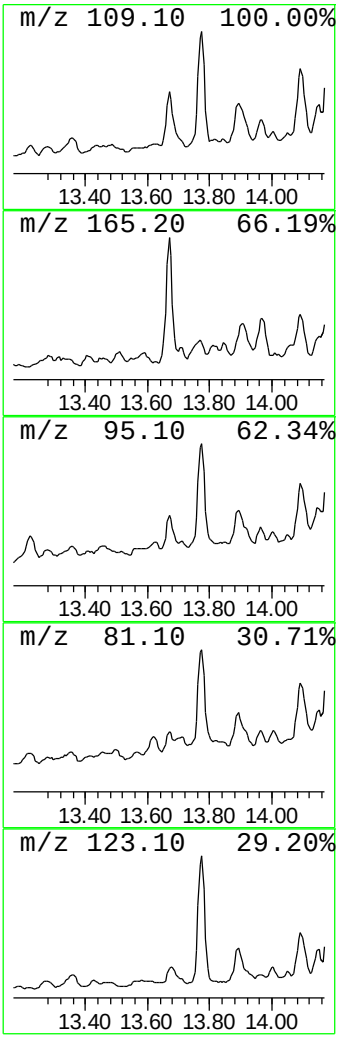
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	38
2	trans-1,2-Bis(bromomethyl)cycloh...	268	C8H14Br2	1000216-87-8	38
3	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	35
4	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	27
5	Benzenamine, 4-(hexyloxy)-	193	C12H19NO	039905-57-2	25











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

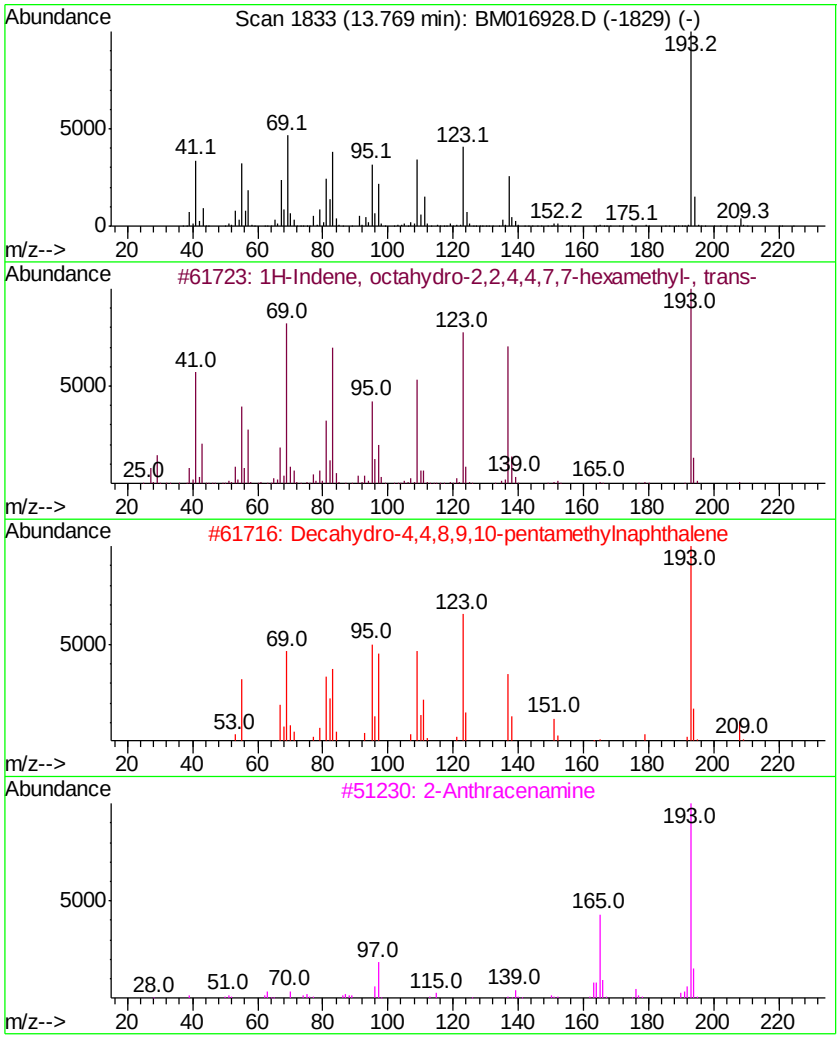
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

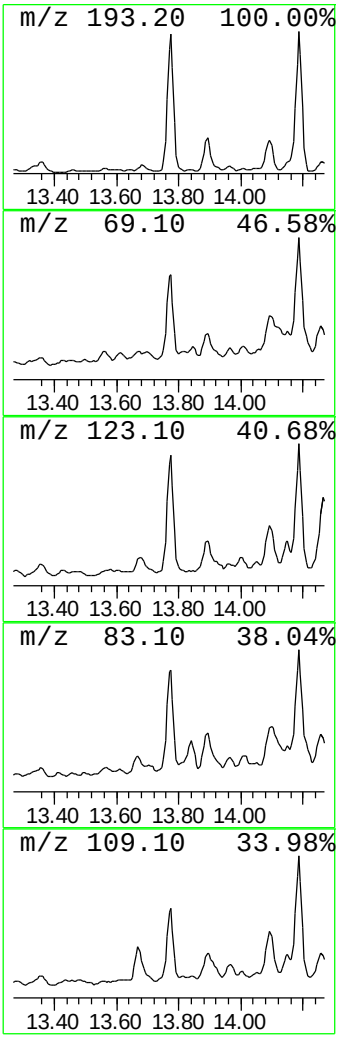
****

Peak Number 12 unknown-07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	25.14 ng/ul	6342430	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	45
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	2-Anthracenamine	193	C14H11N	000613-13-8	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	35
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

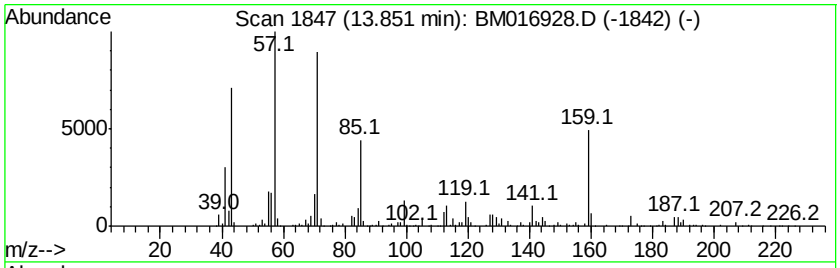
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

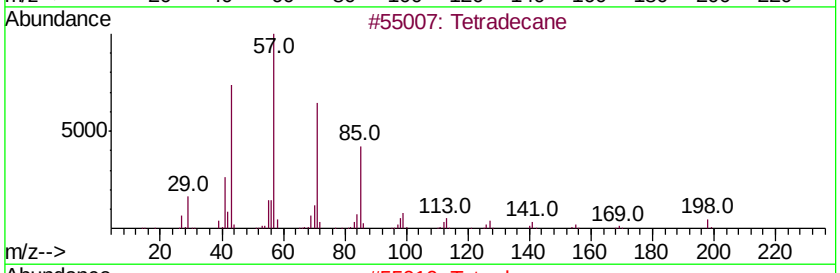
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

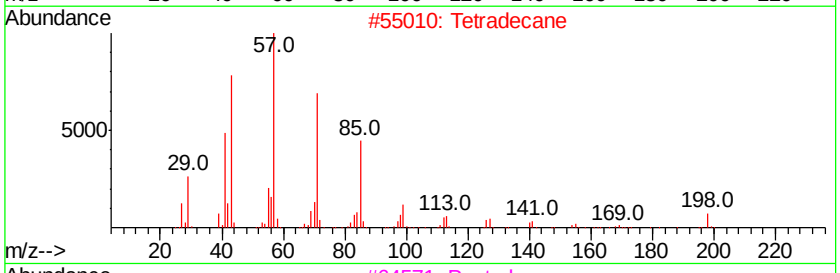
****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

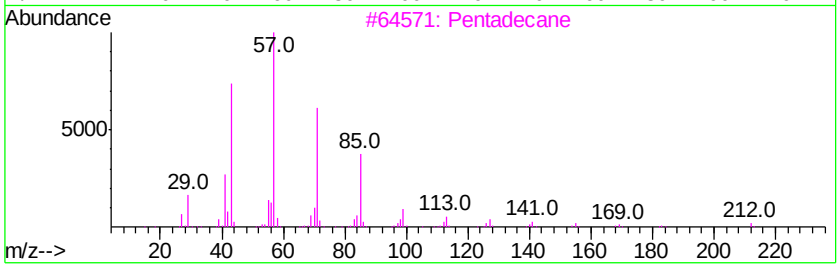
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	11.99 ng/ul	3024550	Acenaphthene-d10	14.36

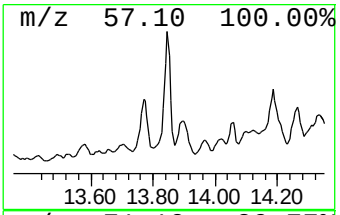
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Tetradecane	198	C14H30	000629-59-4	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Tritetracontane	605	C43H88	007098-21-7	64

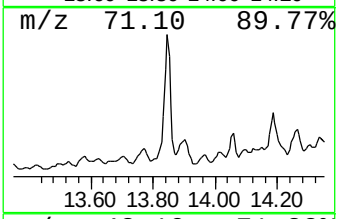


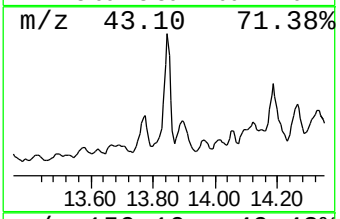


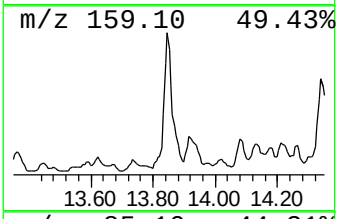


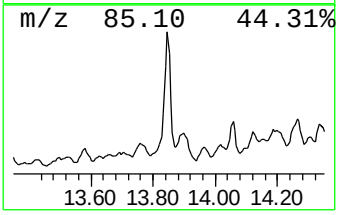












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

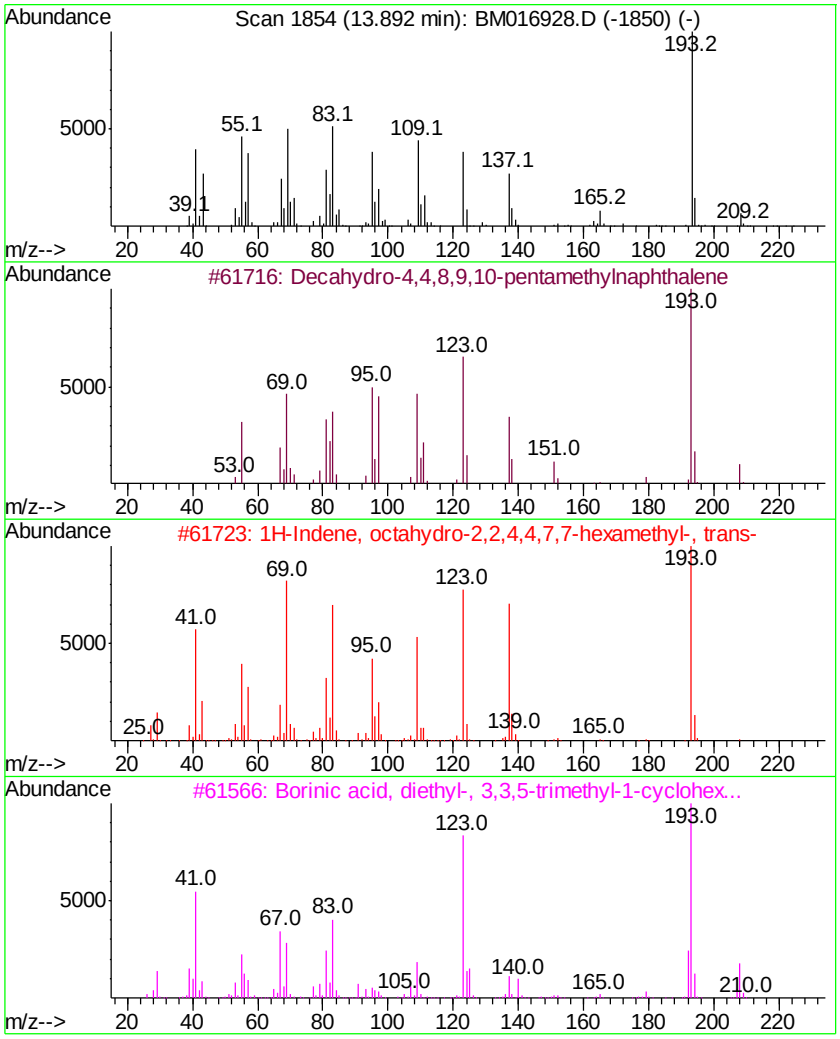
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

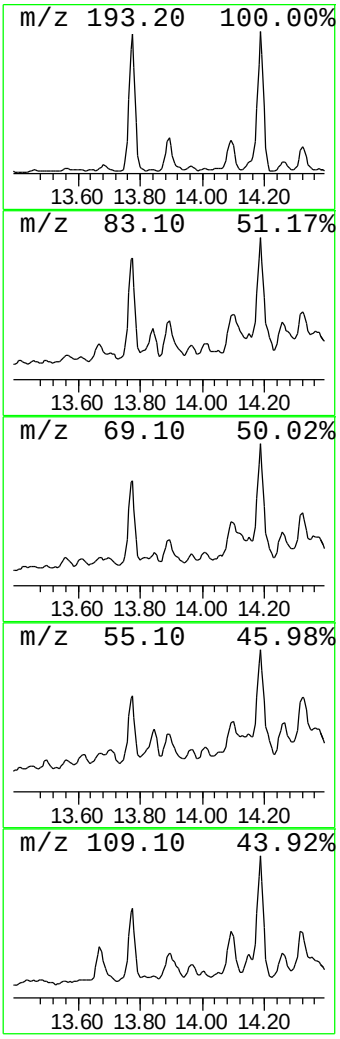
****

Peak Number 14 unknown-08 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	12.15 ng/ul	3064860	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	32
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	27
5	2-Anthracenamine	193	C14H11N	000613-13-8	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

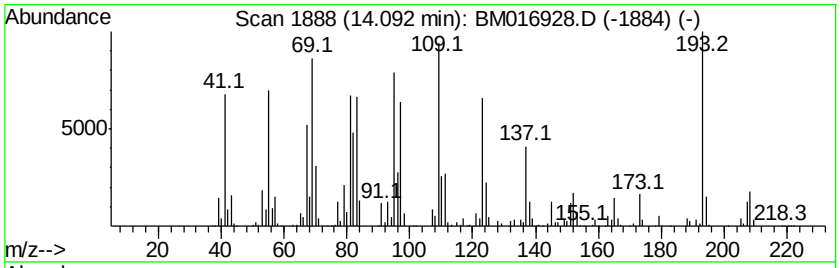
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

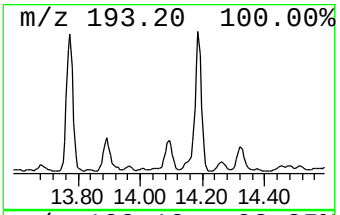
****

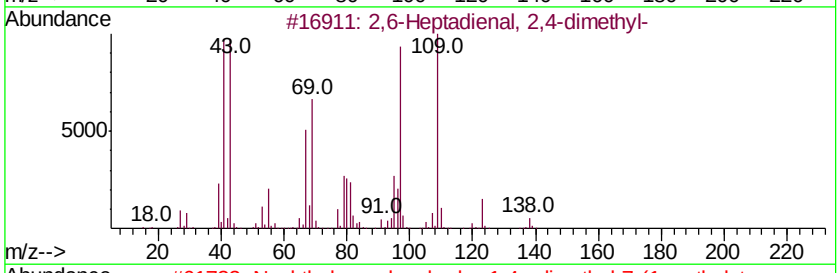
Peak Number 15 unknown-09 Concentration Rank 16

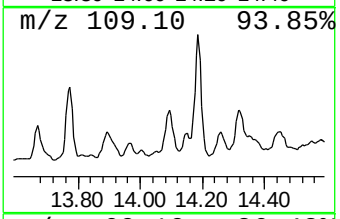
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	15.81 ng/ul	3989430	Acenaphthene-d10	14.36

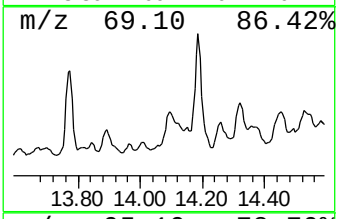
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	46
2	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	43
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	41
4	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	30
5	2-Anthracenamine	193	C14H11N	000613-13-8	25

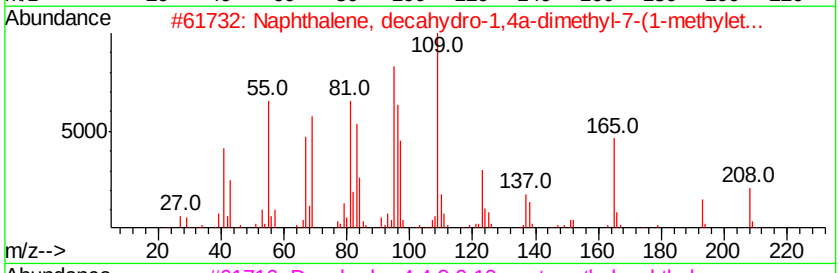


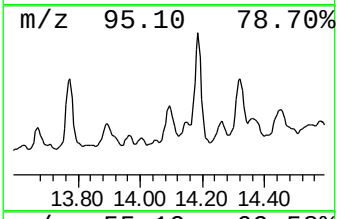


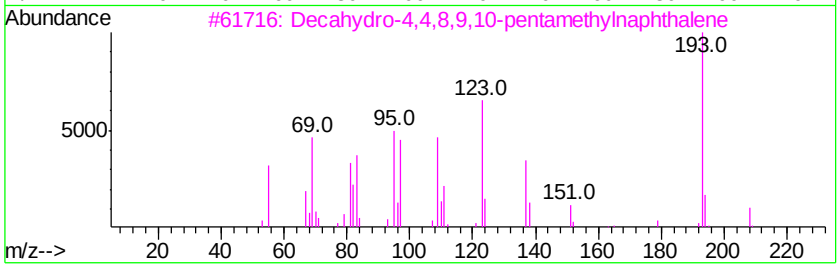


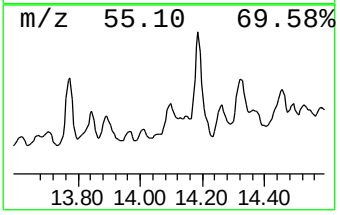












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

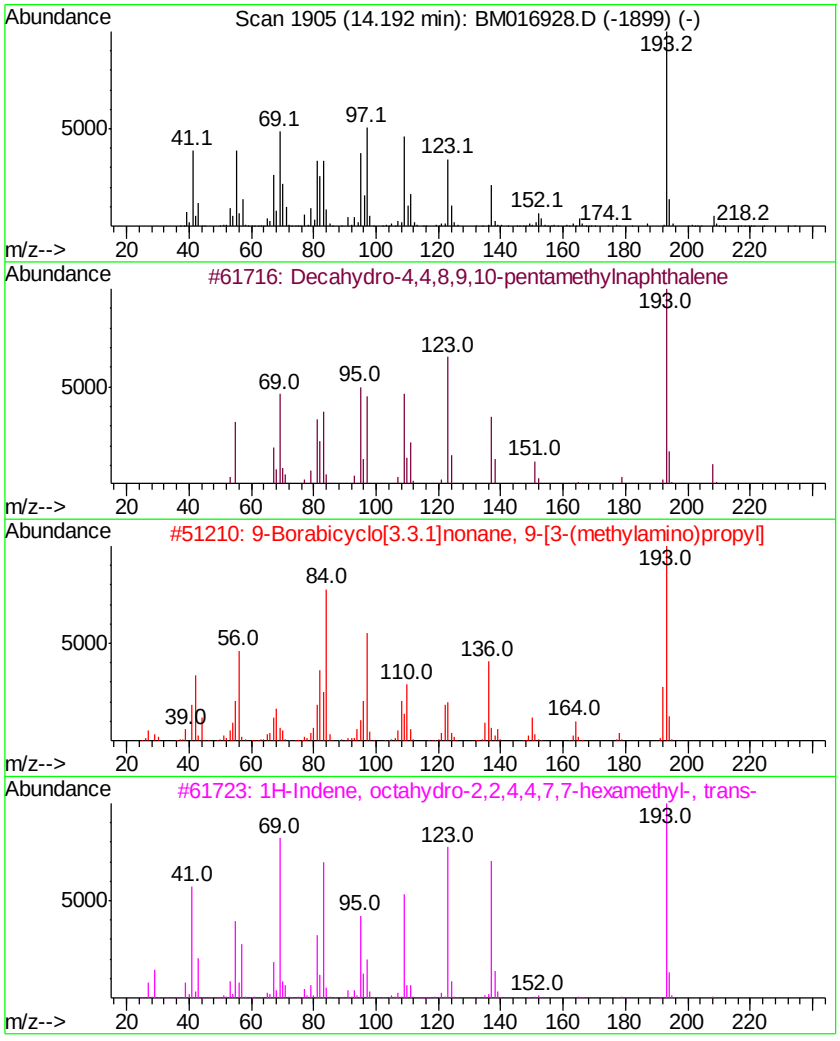
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

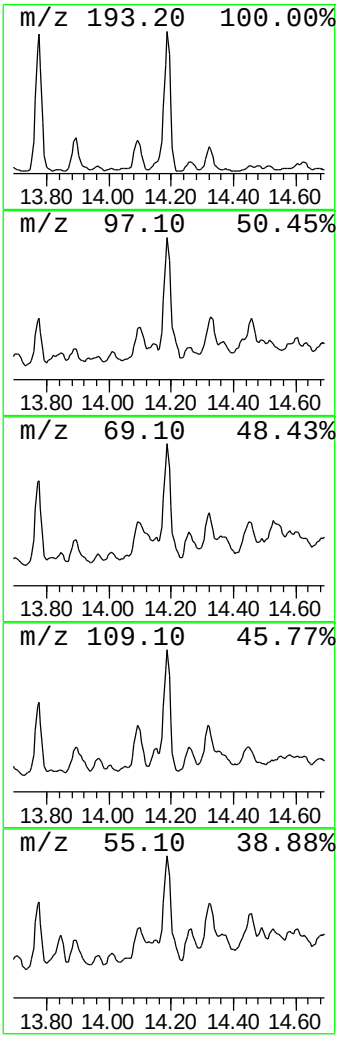
****

Peak Number 16 Decahydro-4,4,8,9,10-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	41.63 ng/ul	10502000	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	43
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
4	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	35
5	2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19N5S	022362-22-7	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

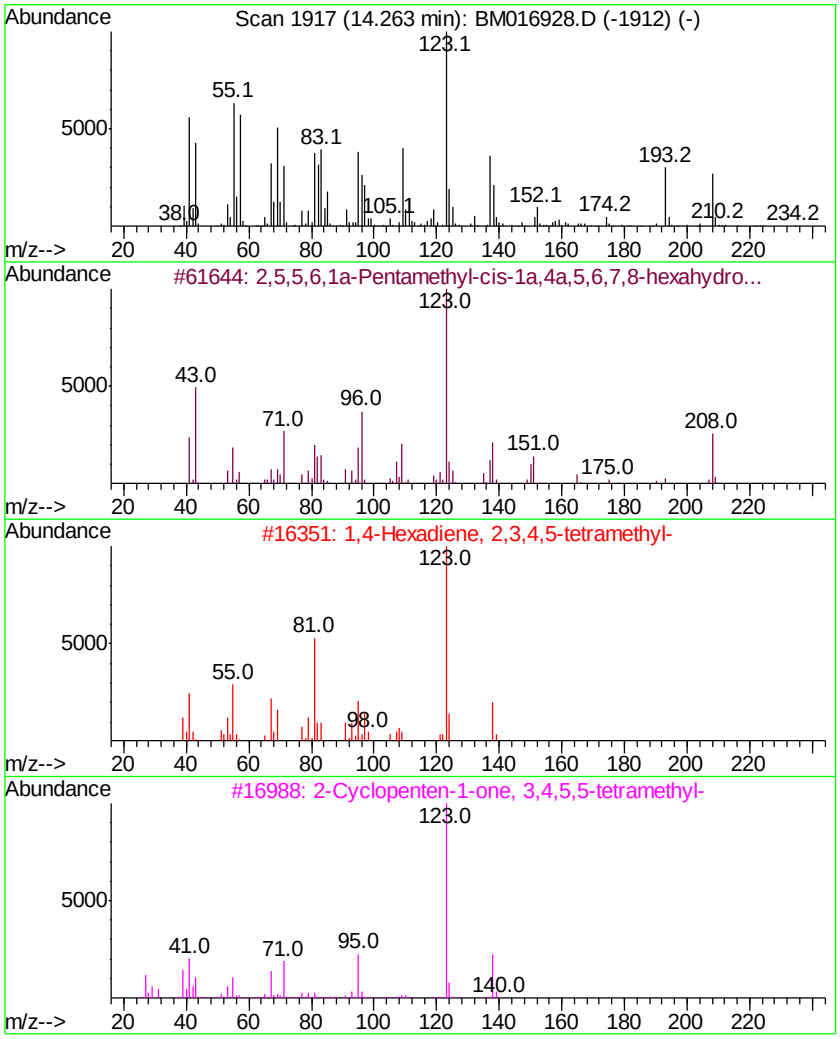
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

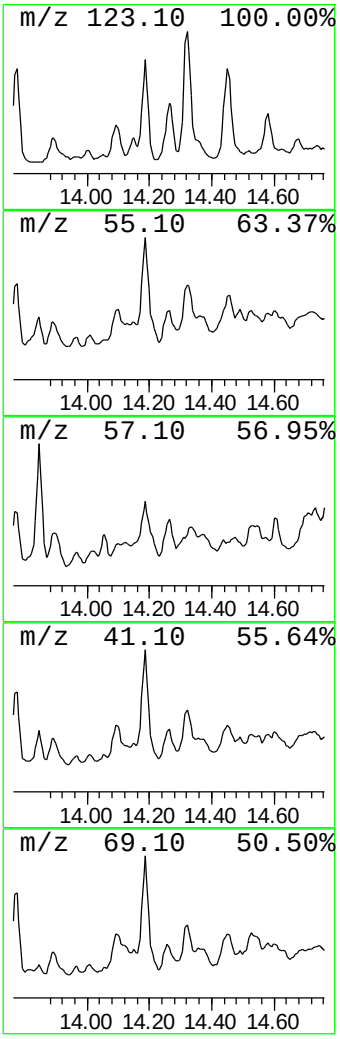
****

Peak Number 17 unknown-10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	12.52 ng/ul	3157360	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,6,1a-Pentamethyl-cis-1a,4a...	208	C14H24O	1000215-77-9	46
2	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	38
3	2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	27
4	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	27
5	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-60-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

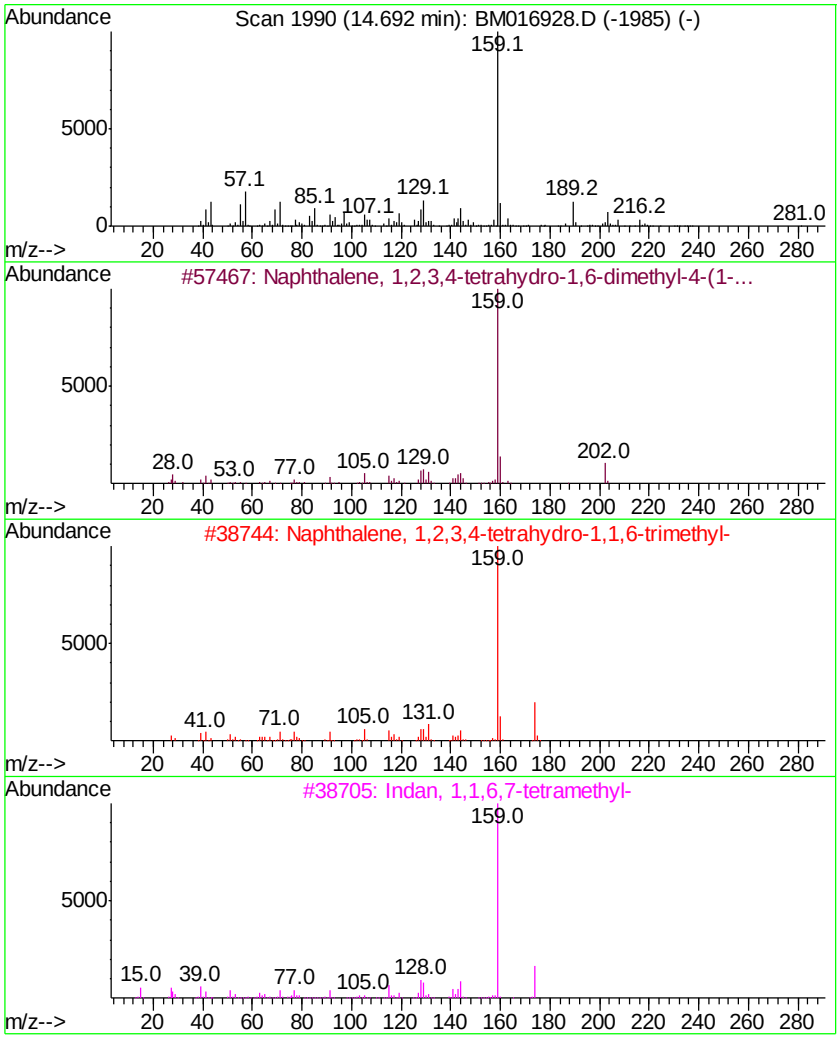
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

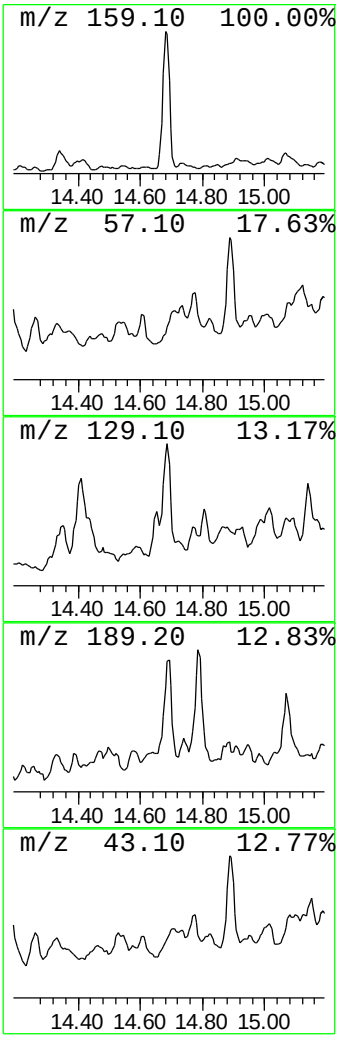
****

Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.73 ng/ul	2455200	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	78
3	Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	64
4	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	64
5	4-(3,5-Dimethyl-2-benzofuranyl)-...	216	C14H16O2	010444-04-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

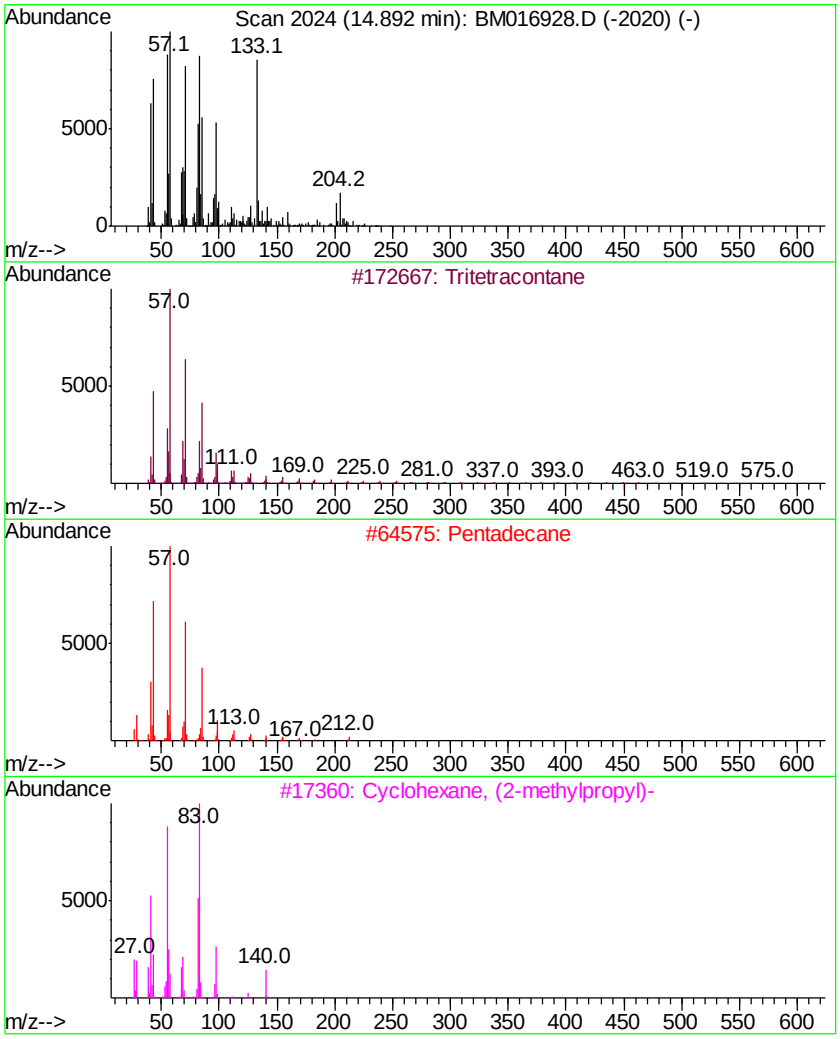
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

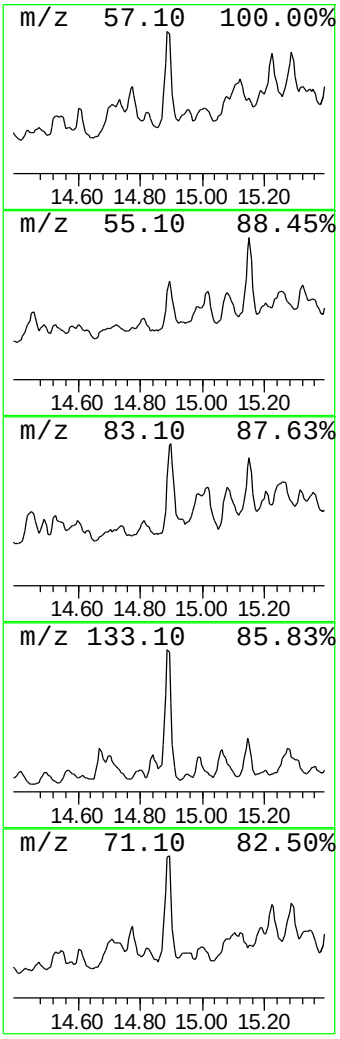
****

Peak Number 19 unknown-11 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	18.69 ng/ul	4713940	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	30
2	Pentadecane	212	C15H32	000629-62-9	25
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	20
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

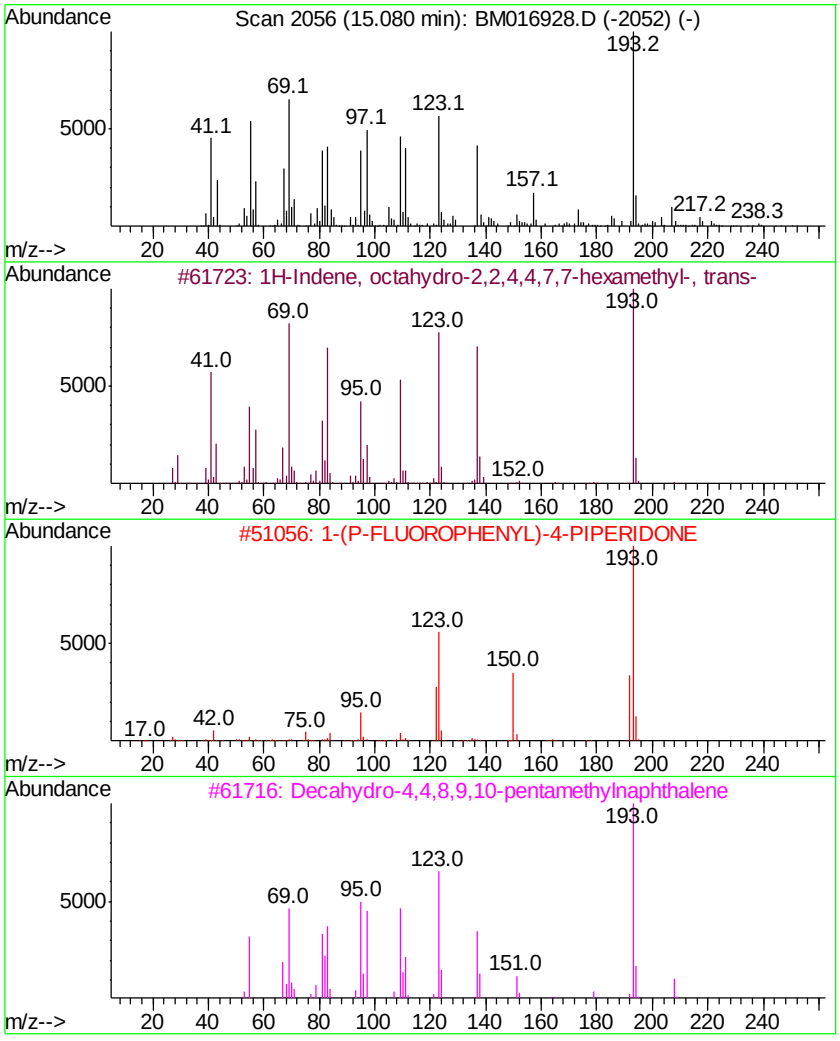
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

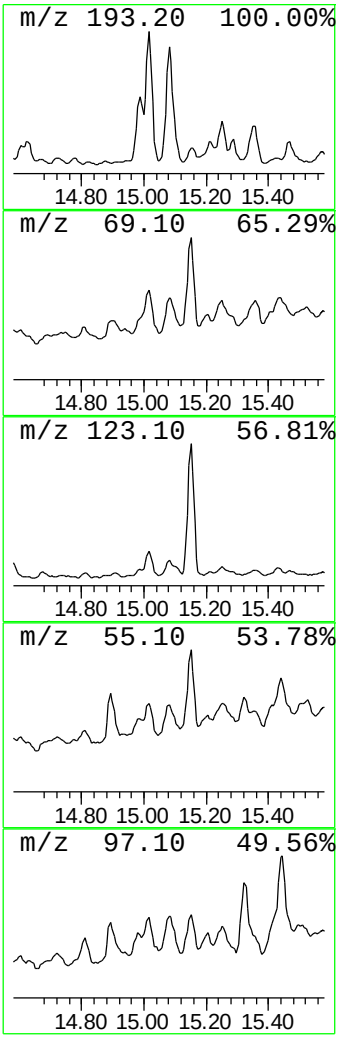
****

Peak Number 20 unknown-12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	16.10 ng/ul	4062600	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	30
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	27
4	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	25
5	diallyl(2,2,4a,7,7-pentamethyl-1...	384	C19H33N2O4P	1000187-42-4	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

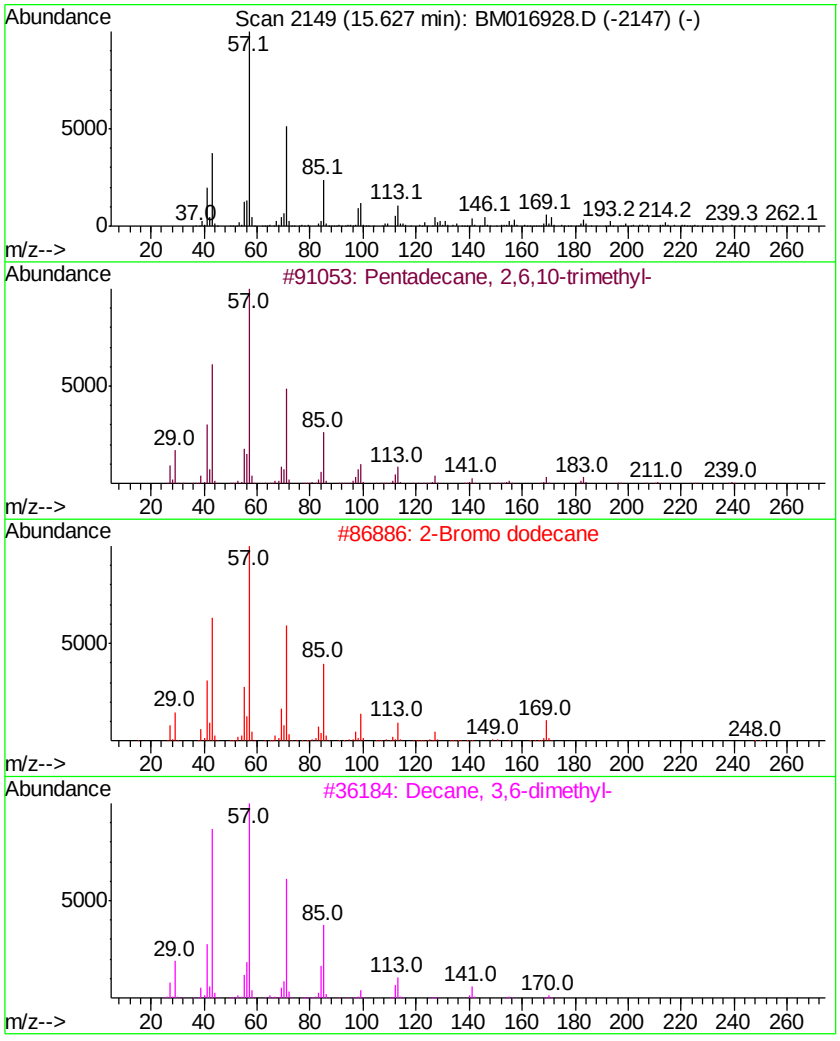
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

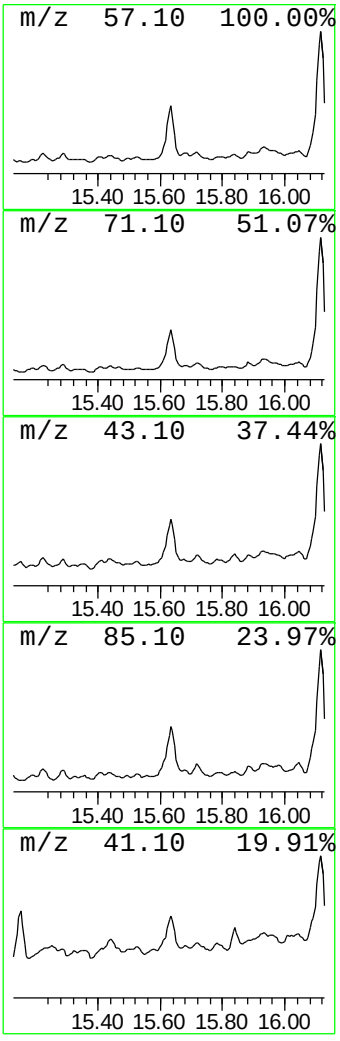
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	19.46 ng/ul	4908720	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
4	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	80
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

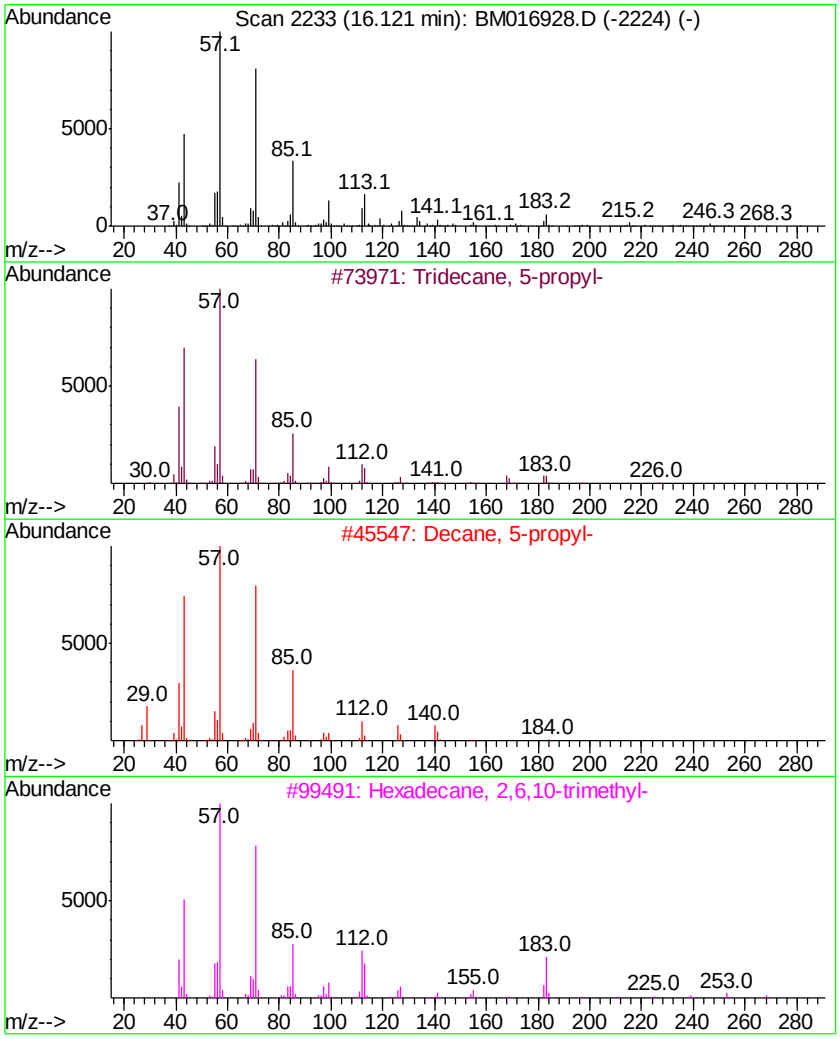
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

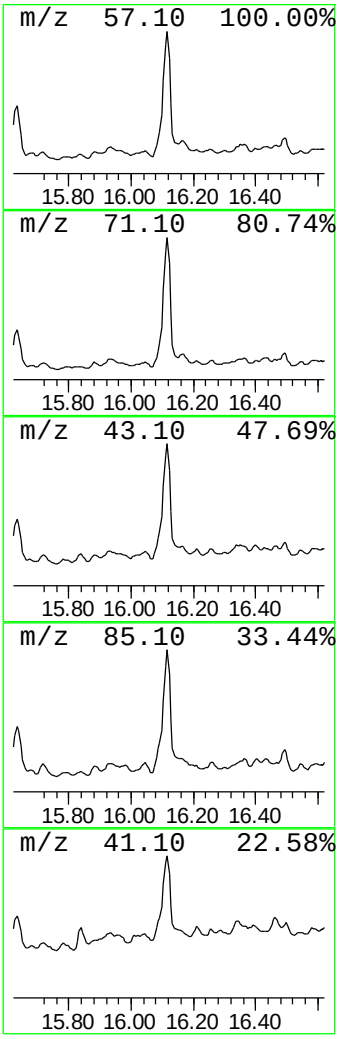
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	44.44 ng/ul	18774000	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2	Decane, 5-propyl-	184	C13H28	017312-62-8	83
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	78
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

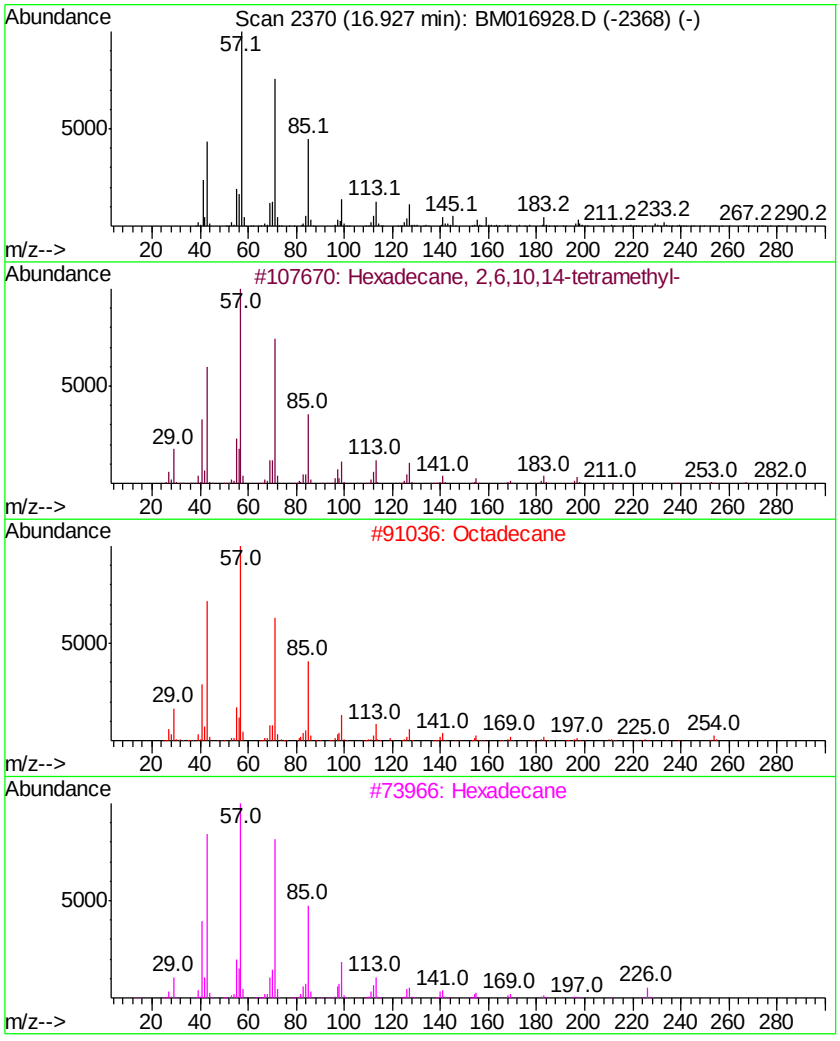
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

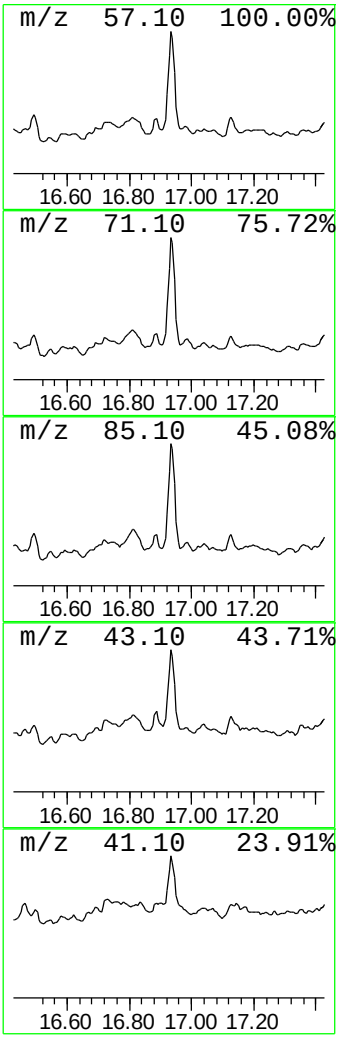
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	20.00 ng/ul	8449440	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Decane, 5-propyl-	184	C13H28	017312-62-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

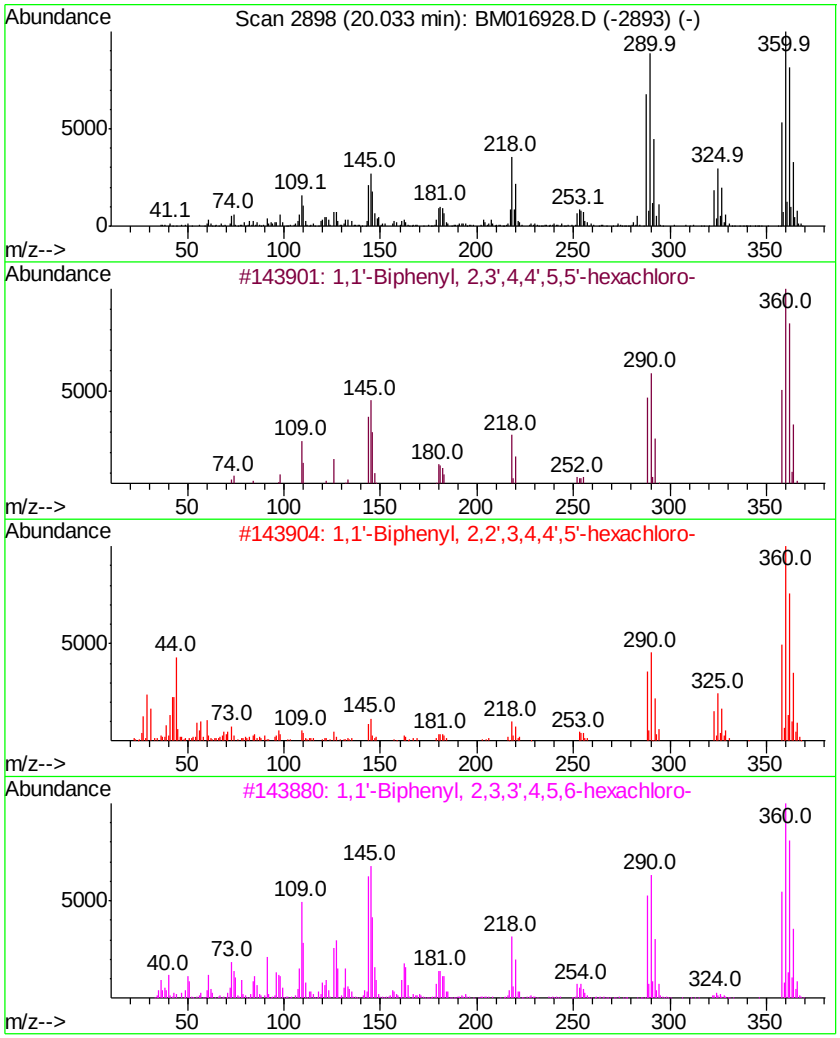
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

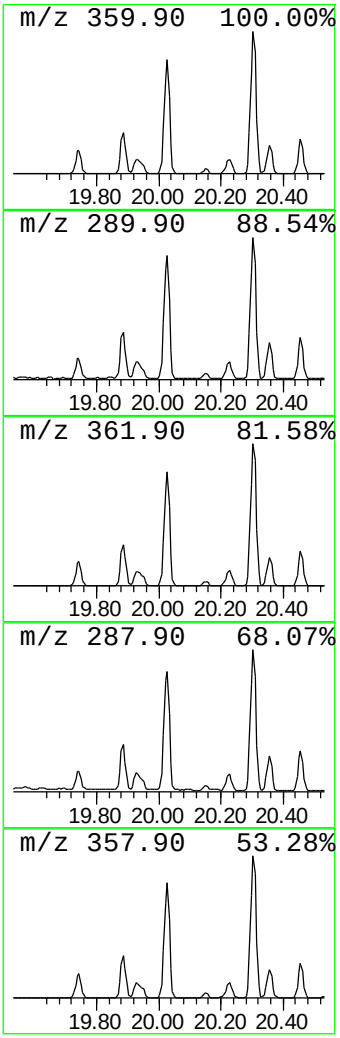
****

Peak Number 25 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	27.35 ng/ul	4353040	Chrysene-d12	21.29

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',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

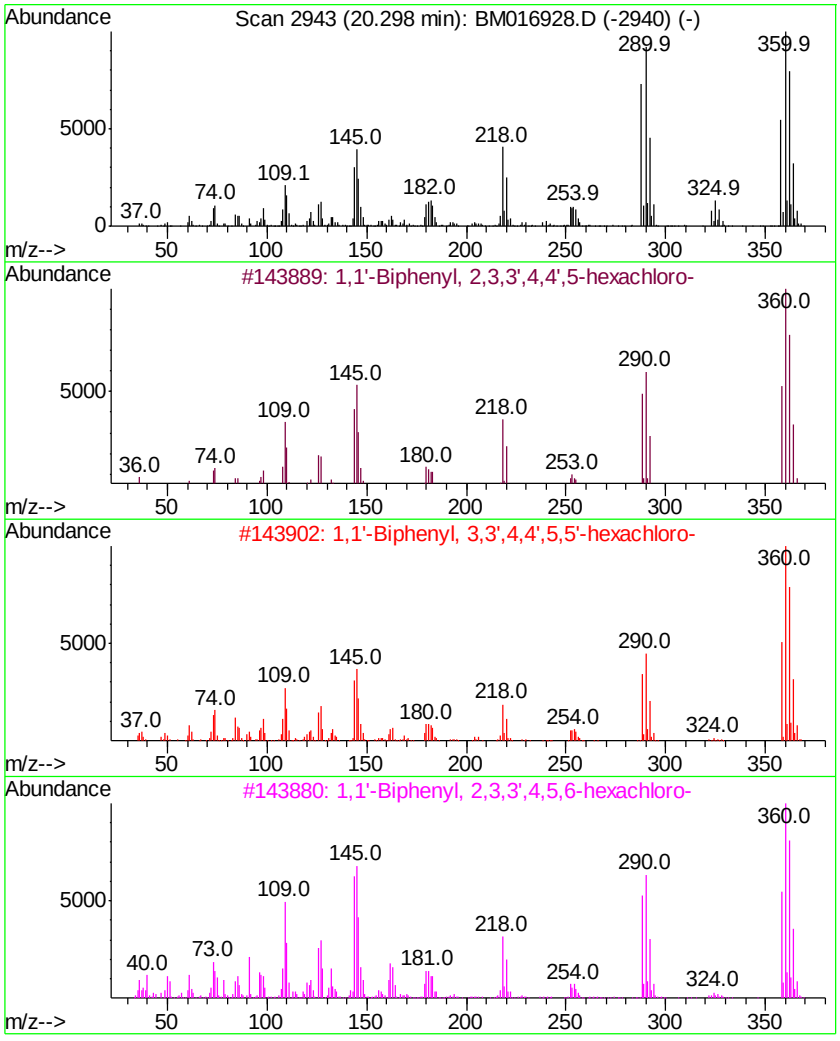
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

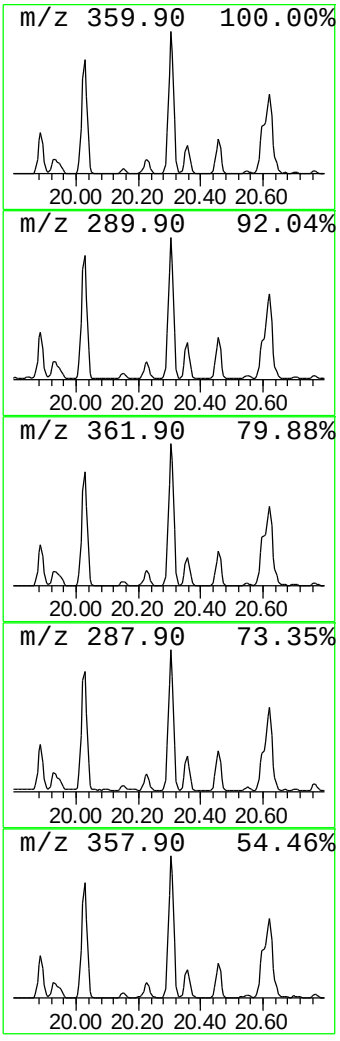
****

Peak Number 26 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	33.64 ng/ul	5353730	Chrysene-d12	21.29

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, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

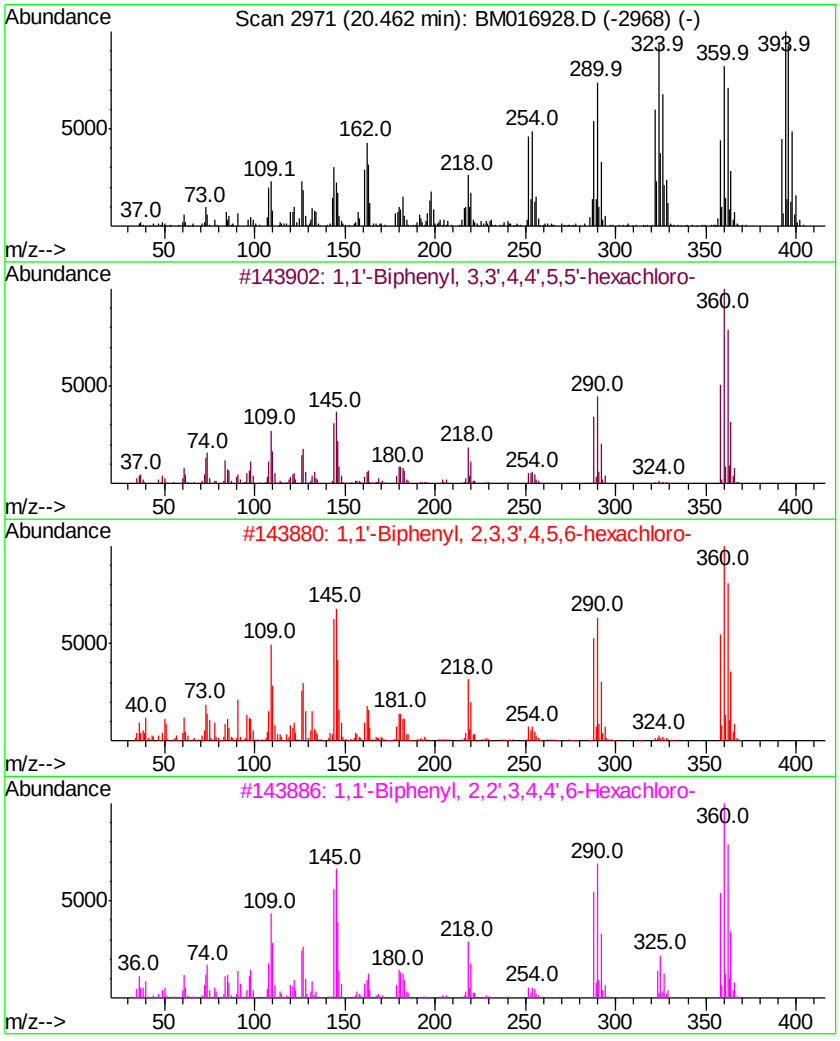
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

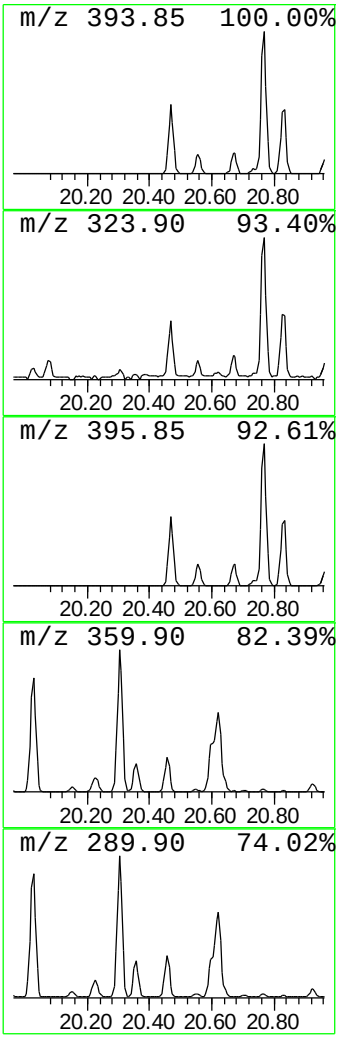
****

Peak Number 27 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	13.92 ng/ul	2215450	Chrysene-d12	21.29

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',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

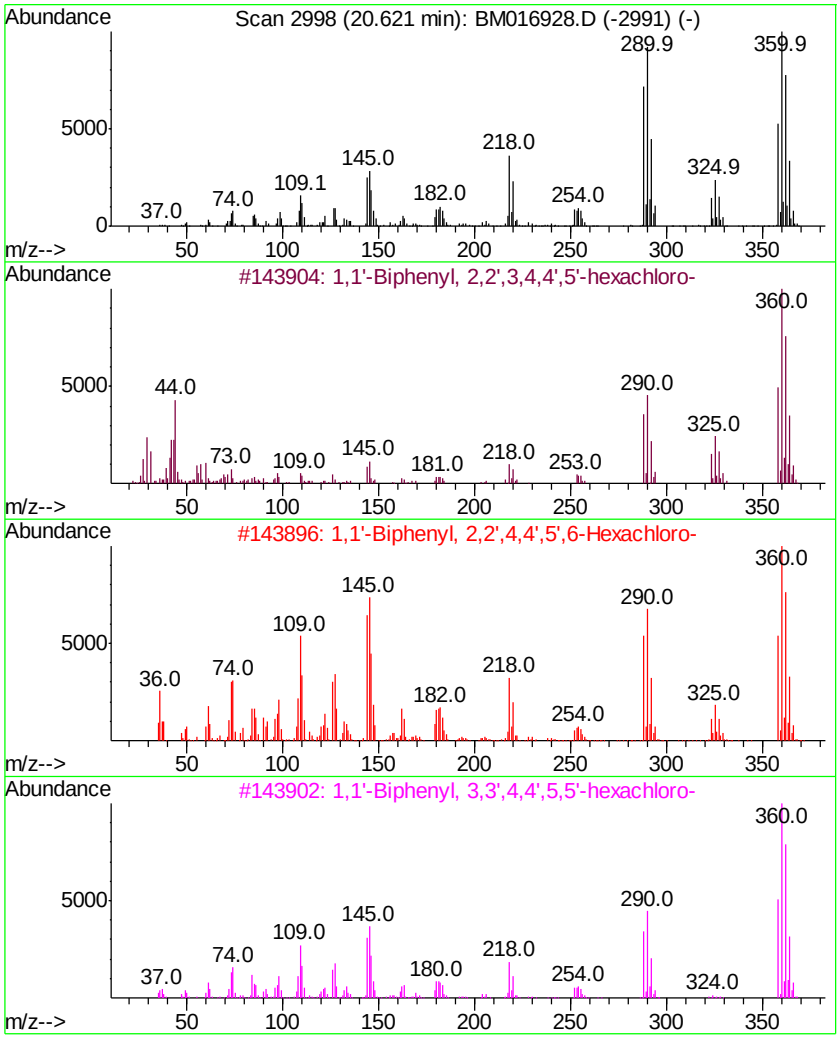
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

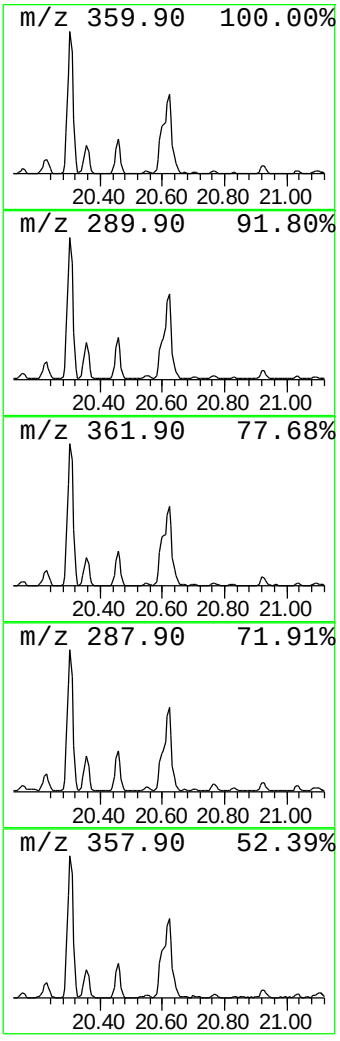
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	31.34 ng/ul	4988140	Chrysene-d12	21.29

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',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

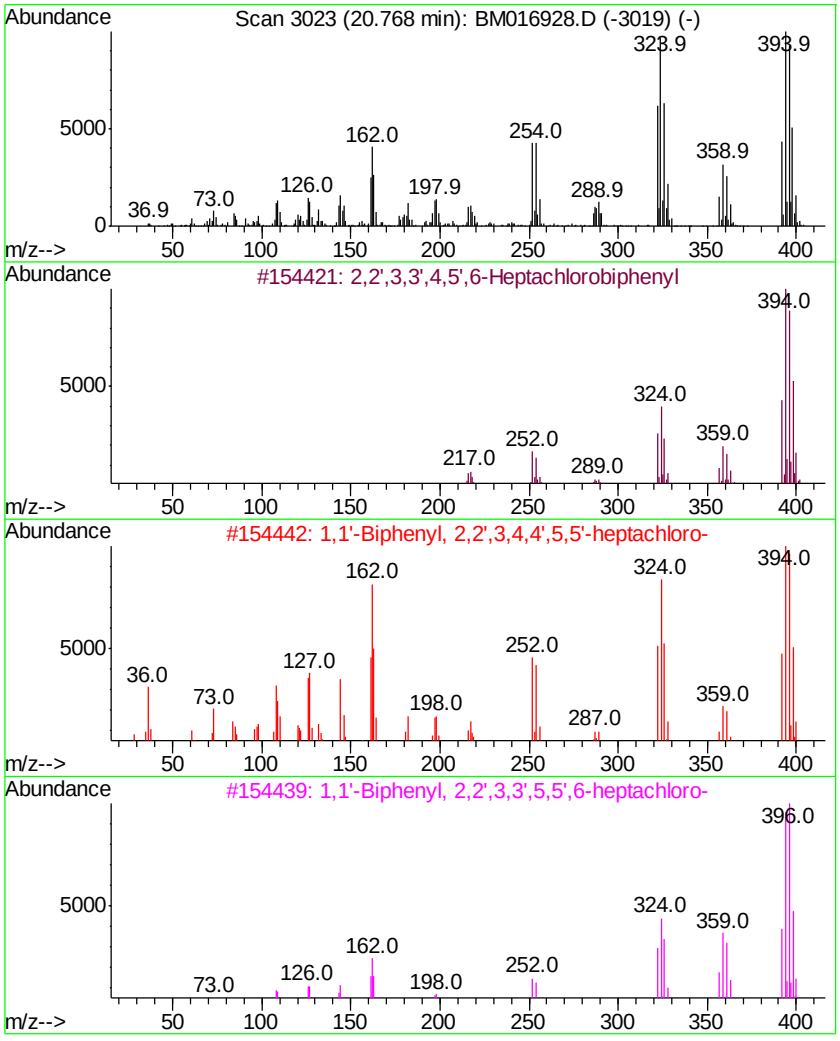
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

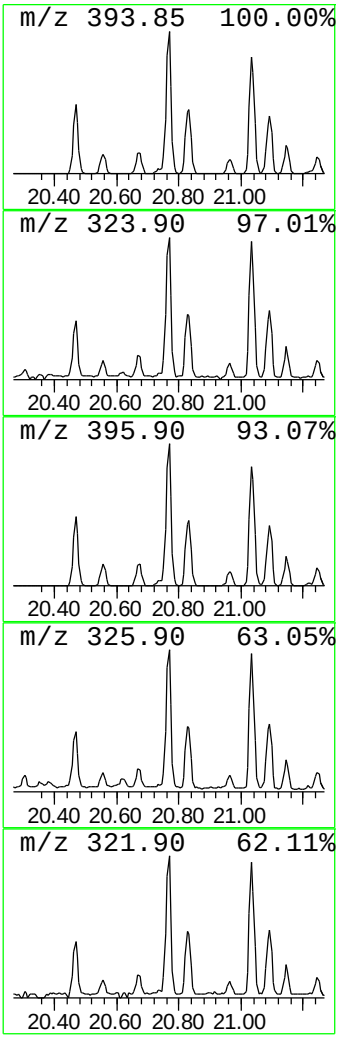
****

Peak Number 29 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	17.75 ng/ul	2825520	Chrysene-d12	21.29

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',5,5',6-...	392	C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

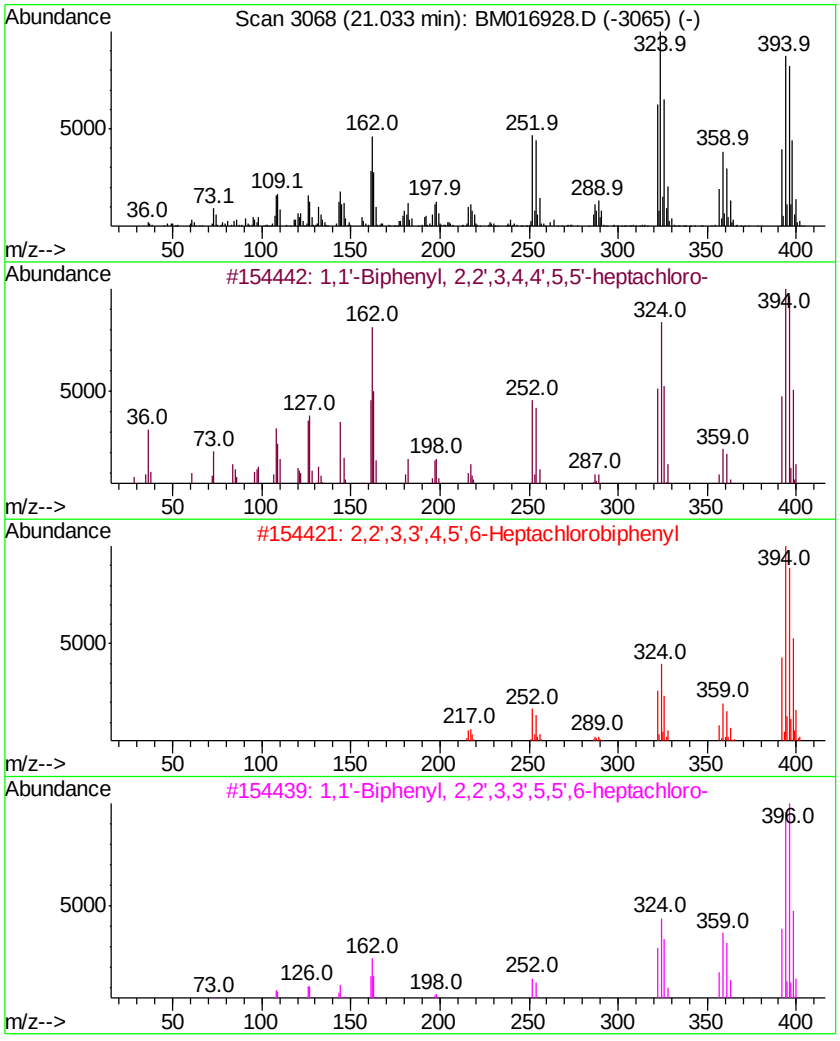
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

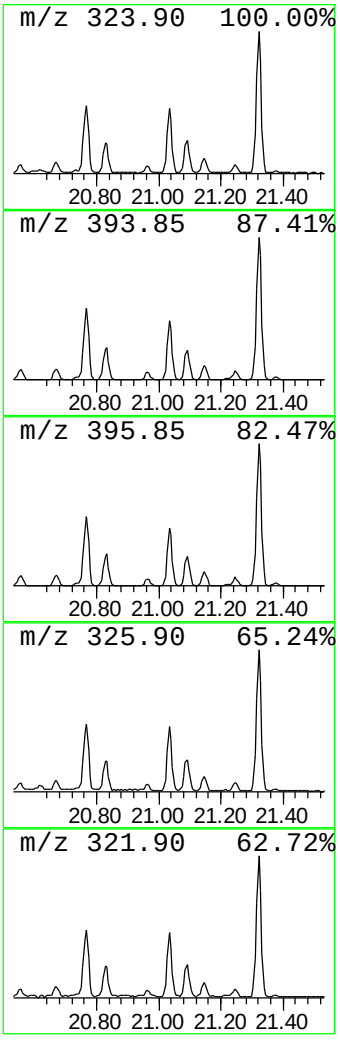
****

Peak Number 31 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	16.50 ng/ul	2625660	Chrysene-d12	21.29

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',5,5',6-...	392	C12H3Cl7	052663-67-9	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

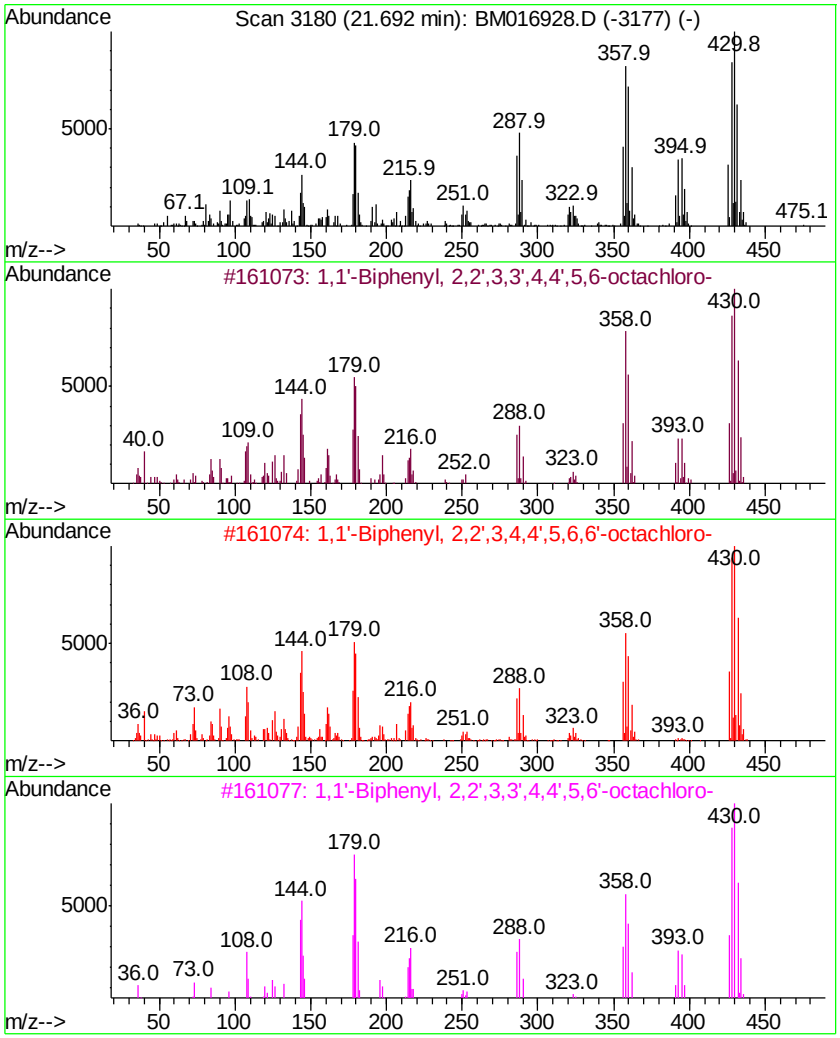
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

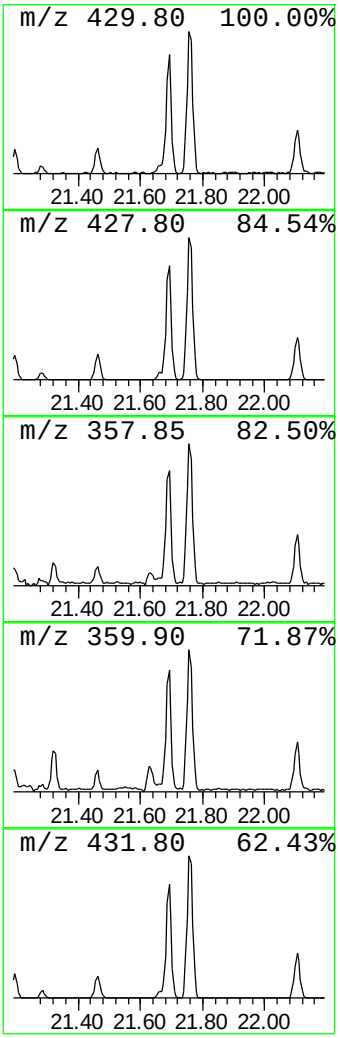
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	7.73 ng/ul	1229870	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
4	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

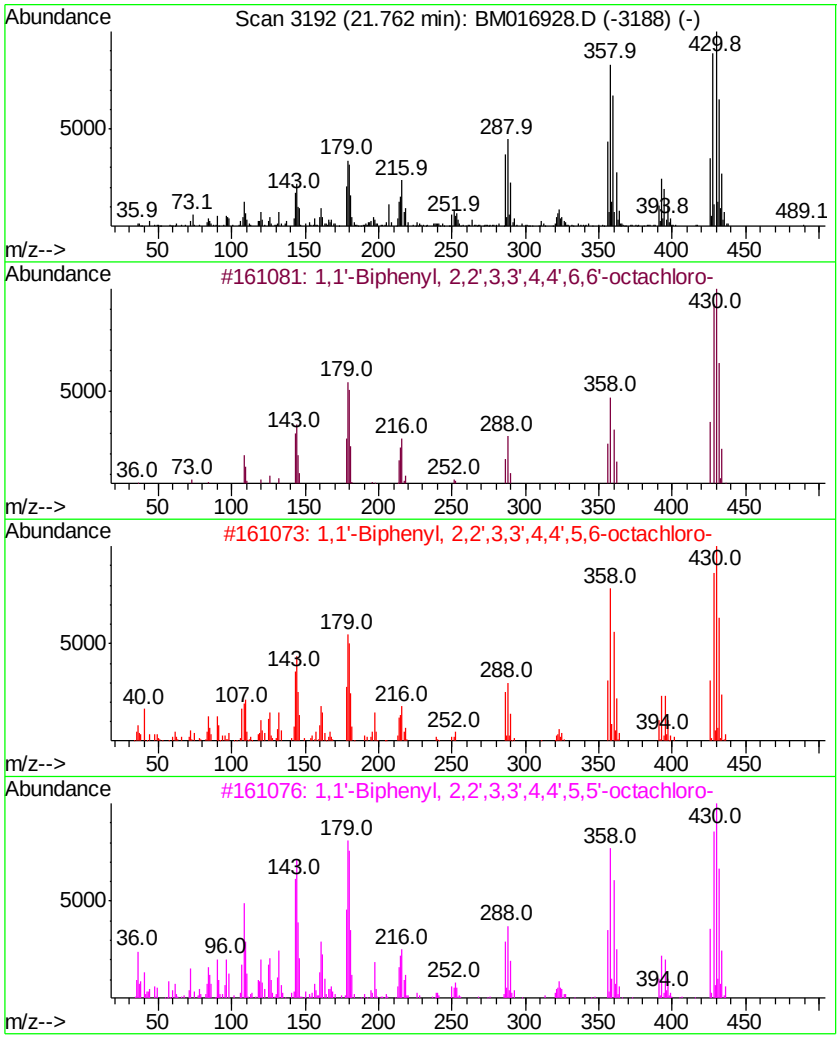
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

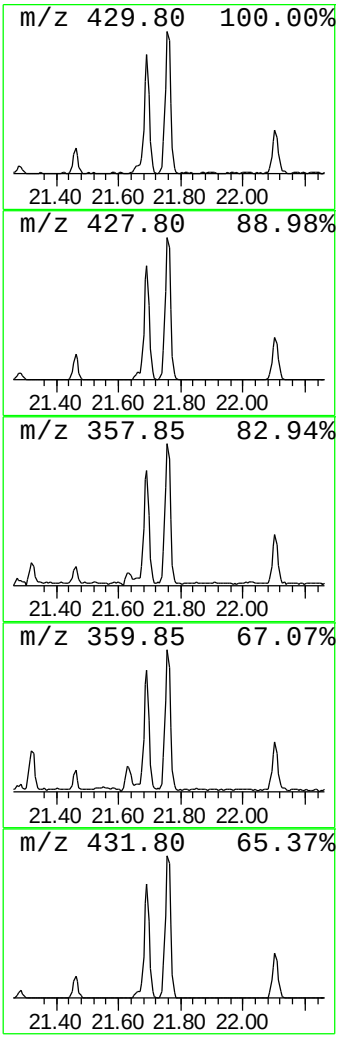
****

Peak Number 35 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	6.66 ng/ul	1059310	Chrysene-d12	21.29

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',4,4',5,...	426	C12H2Cl8	052663-78-2	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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

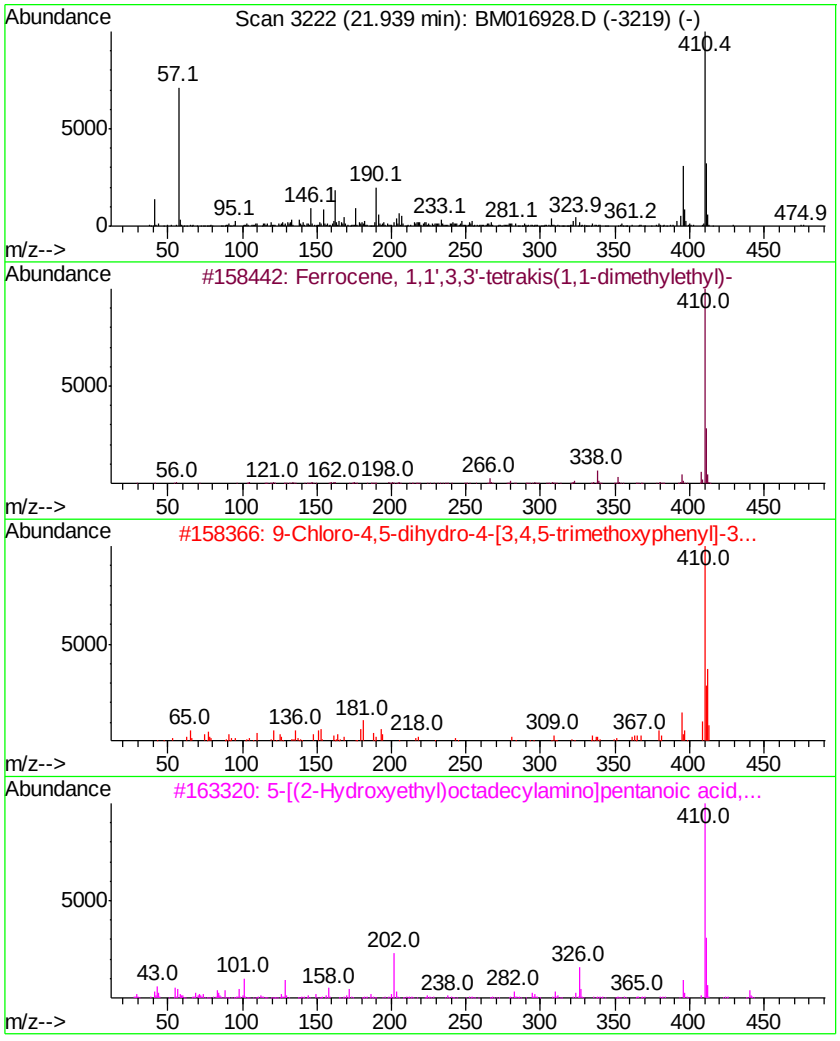
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

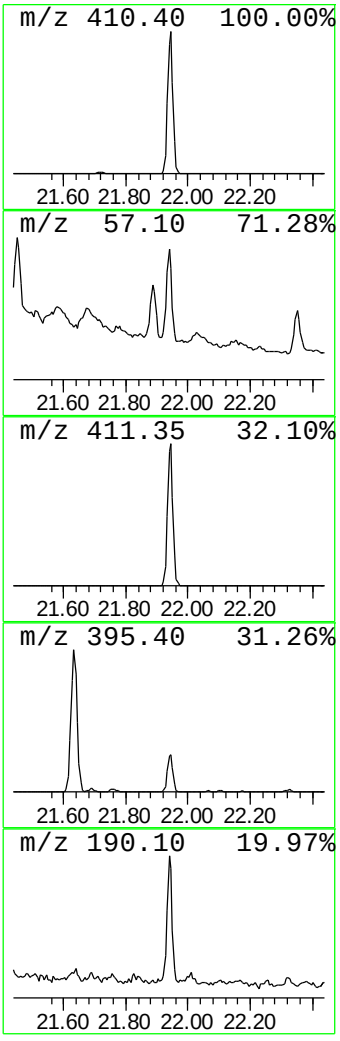
****

Peak Number 36 Ferrocene, 1,1',3,3'-tetrak... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	4.32 ng/ul	686859	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	62
2	9-Chloro-4,5-dihydro-4-[3,4,5-tr...	410	C22H19ClN2O4	1000212-48-1	42
3	5-[(2-Hydroxyethyl)octadecylamin...	441	C27H55NO3	1000185-08-9	40
4	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	36
5	Pregnane-3,17,20-triol, cyclic 1...	428	C27H45BO3	030882-57-6	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016928.D
Acq On : 01 Oct 2018 19:14
Operator : MJ/SJ
Sample : J5120-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

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	12.9	ng/ul	1258520	1	7.71	1950300	20.0
unknown-01	11.18	2.2	ng/ul	335064	2	10.49	3057310	20.0
(DEL) Alkane: Str...	11.52	2.3	ng/ul	350369	2	10.49	3057310	20.0
unknown-02	12.23	3.5	ng/ul	530603	2	10.49	3057310	20.0
unknow-03	12.70	2.8	ng/ul	713148	3	14.36	5045500	20.0
unknown-04	12.78	3.9	ng/ul	993357	3	14.36	5045500	20.0
unknown-05	12.95	4.6	ng/ul	1153970	3	14.36	5045500	20.0
unknown-06	13.67	3.6	ng/ul	909520	3	14.36	5045500	20.0
unknown-07	13.77	25.1	ng/ul	6342430	3	14.36	5045500	20.0
(DEL) Alkane: Str...	13.85	12.0	ng/ul	3024550	3	14.36	5045500	20.0
unknown-08	13.89	12.2	ng/ul	3064860	3	14.36	5045500	20.0
unknown-09	14.09	15.8	ng/ul	3989430	3	14.36	5045500	20.0
Decahydro-4,4,8,9...	14.19	41.6	ng/ul	10502000	3	14.36	5045500	20.0
unknown-10	14.26	12.5	ng/ul	3157360	3	14.36	5045500	20.0
Naphthalene, 1,2,...	14.69	9.7	ng/ul	2455200	3	14.36	5045500	20.0
unknown-11	14.89	18.7	ng/ul	4713940	3	14.36	5045500	20.0
unknown-12	15.08	16.1	ng/ul	4062600	3	14.36	5045500	20.0
(DEL) Alkane: Str...	15.63	19.5	ng/ul	4908720	3	14.36	5045500	20.0
(DEL) Alkane: Str...	16.12	44.4	ng/ul	18774000	4	17.11	8449440	20.0
(DEL) Alkane: Str...	16.93	20.0	ng/ul	8449440	4	17.11	8449440	20.0
1,1'-Biphenyl, 2,...	20.03	27.4	ng/ul	4353040	5	21.29	3182830	20.0
1,1'-Biphenyl, 2,...	20.30	33.6	ng/ul	5353730	5	21.29	3182830	20.0
1,1'-Biphenyl, 3,...	20.46	13.9	ng/ul	2215450	5	21.29	3182830	20.0
1,1'-Biphenyl, 2,...	20.62	31.3	ng/ul	4988140	5	21.29	3182830	20.0
2,2',3,3',4,5',6-...	20.77	17.8	ng/ul	2825520	5	21.29	3182830	20.0
1,1'-Biphenyl, 2,...	21.03	16.5	ng/ul	2625660	5	21.29	3182830	20.0
1,1'-Biphenyl, 2,...	21.69	7.7	ng/ul	1229870	5	21.29	3182830	20.0
1,1'-Biphenyl, 2,...	21.76	6.7	ng/ul	1059310	5	21.29	3182830	20.0
Ferrocene, 1,1',3...	21.94	4.3	ng/ul	686859	5	21.29	3182830	20.0