LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
Data File : BM017150.D
Acq On : 13 Oct 2018 16:56
Operator : MJ/SJ
Sample : J5400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BE0

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	3.169	28	31	35	rVB	658295	691313	20.36%	2.943%
2	7.687	793	799	810	rVB	739611	1191236	35.09%	5.070%
3	10.328	1240	1248	1257	rBV	1533951	2442424	71.94%	10.396%
4	10.463	1264	1271	1280	rVB	1112287	1785122	52.58%	7.598%
5	10.628	1295	1299	1307	rVB3	5438	9491	0.28%	0.040%
6	10.845	1330	1336	1344	rVB	206131	326832	9.63%	1.391%
7	11.139	1381	1386	1389	rBV4	2087	3892	0.11%	0.017%
8	11.227	1397	1401	1404	rVB4	2593	3807	0.11%	0.016%
9	11.380	1422	1427	1434	rVB3	3520	6209	0.18%	0.026%
10	11.492	1439	1446	1450	rBV4	8785	15751	0.46%	0.067%
11	11.892	1510	1514	1520	rBV3	9351	15507	0.46%	0.066%
12	12.039	1535	1539	1543	rBV4	3205	4425	0.13%	0.019%
13	12.204	1562	1567	1573	rBV5	5069	12480	0.37%	0.053%
14	12.504	1606	1618	1626	rBV	84718	148297	4.37%	0.631%
15	12.592	1629	1633	1636	rVV4	2823	4611	0.14%	0.020%
16	12.722	1652	1655	1656	rBV3	5584	5111	0.15%	0.022%
17	12.745	1656	1659	1666	rVB5	11590	19915	0.59%	0.085%
18	12.804	1666	1669	1674	rBV5	6340	10798	0.32%	0.046%
19	12.857	1674	1678	1682	rVV	15873	21793	0.64%	0.093%
20	12.916	1682	1688	1693	rVV7	8644	17491	0.52%	0.074%
21	13.010	1701	1704	1707	rBV5	3096	3600	0.11%	0.015%
22	13.116	1712	1722	1727	rBV	156645	268572	7.91%	1.143%
23	13.245	1740	1744	1750	rBV8	8488	19034	0.56%	0.081%
24	13.392	1766	1769	1770	rBV3	3796	4687	0.14%	0.020%
25	13.533	1790	1793	1798	rBV5	6394	10213	0.30%	0.043%
26	13.598	1799	1804	1807	rVV6	7890	14816	0.44%	0.063%
27	13.739	1823	1828	1834	rBV2	60645	95579	2.82%	0.407%
28	13.816	1837	1841	1845	rVV2	46306	68817	2.03%	0.293%
29	13.863	1845	1849	1856	rVB8	25709	54740	1.61%	0.233%
30	13.974	1865	1868	1873	rVB6	13400	19032	0.56%	0.081%
31	14.063	1878	1883	1889	rBV5	33630	78035	2.30%	0.332%
32	14.151	1894	1898	1906	rVB	99034	173769	5.12%	0.740%
33	14.233	1906	1912	1917	rBV7	39697	84407	2.49%	0.359%
34	14.327	1917	1928	1938	rBV2	1717772	2691728	79.29%	11.457%

LSC Area Percent Report

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Acq On : 13 Oct 2018 16:56
Operator : MJ/SJ
Sample : J5400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BE0

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	14.651	1981	1983	1986	rBV	19307	23609	0.70%	0.100%
36	14.774	2002	2004	2012	rVB8	33149	49820	1.47%	0.212%
37	14.857	2015	2018	2026	rVV4	51245	88321	2.60%	0.376%
38	14.957	2032	2035	2036	rBV3	24525	25392	0.75%	0.108%
39	15.051	2046	2051	2056	rVB7	43521	80974	2.39%	0.345%
40	15.115	2056	2062	2066	rBV2	141350	219813	6.47%	0.936%
41	15.374	2103	2106	2108	rBV4	30188	43800	1.29%	0.186%
42	15.598	2140	2144	2149	rVB2	125820	193359	5.70%	0.823%
43	16.080	2218	2226	2233	rBV	555010	1044078	30.75%	4.444%
44	16.898	2361	2365	2373	rVB	530218	769206	22.66%	3.274%
45	17.080	2390	2396	2406	rBV	2072796	3394927	100.00%	14.450%
46	17.504	2465	2468	2472	rBV	276856	376155	11.08%	1.601%
47	19.997	2890	2892	2895	rVB	369833	359532	10.59%	1.530%
48	20.280	2937	2940	2944	rVB2	439387	536658	15.81%	2.284%
49	21.268	3104	3108	3112	rBV	2503845	3206750	94.46%	13.649%
50	23.491	3481	3486	3493	rVB2	1507673	2757810	81.23%	11.738%

Sum of corrected areas: 23493738

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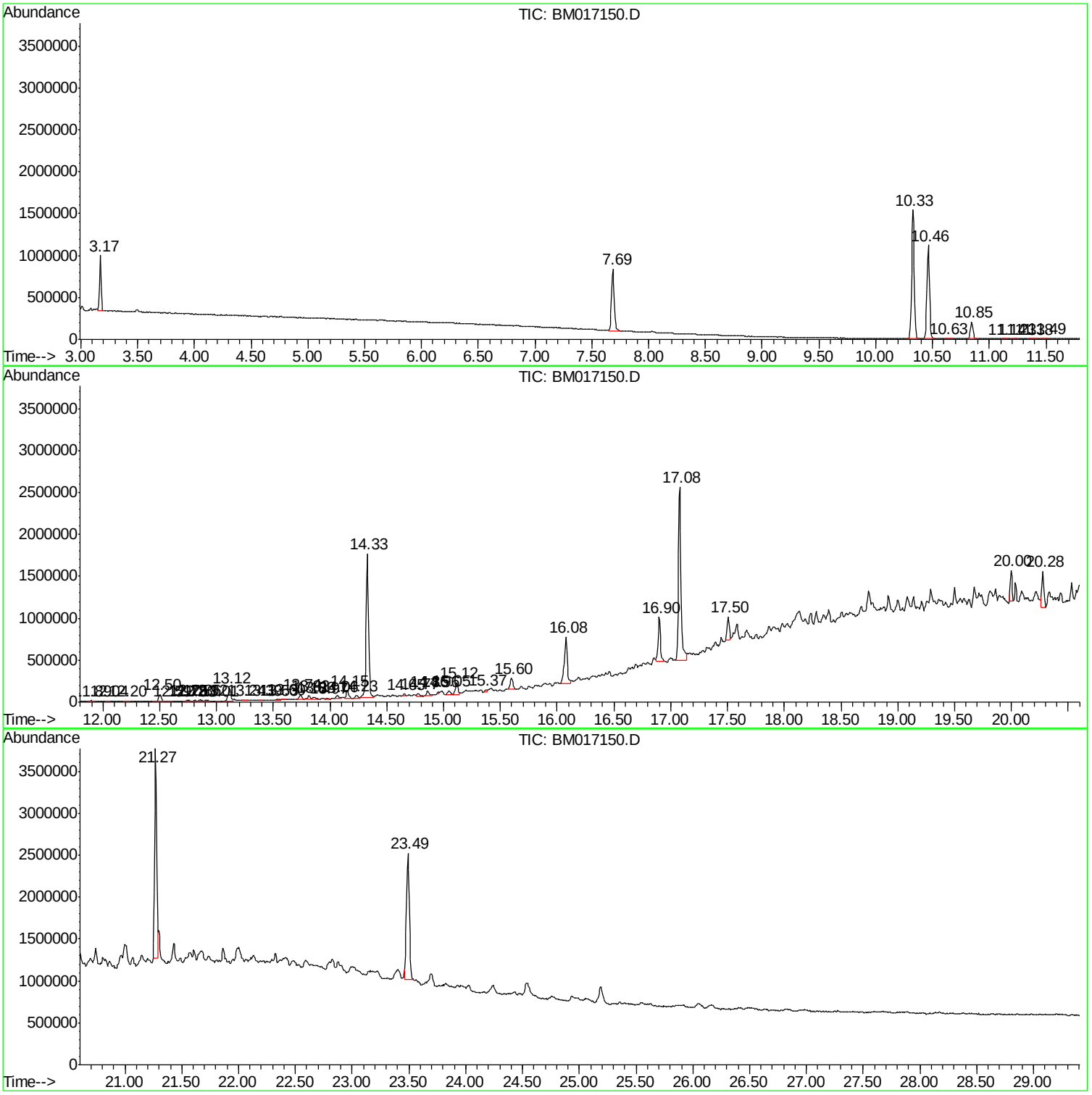
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BE0

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 : BM017150.D
Acq On : 13 Oct 2018 16:56
Operator : MJ/SJ
Sample : J5400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BE0

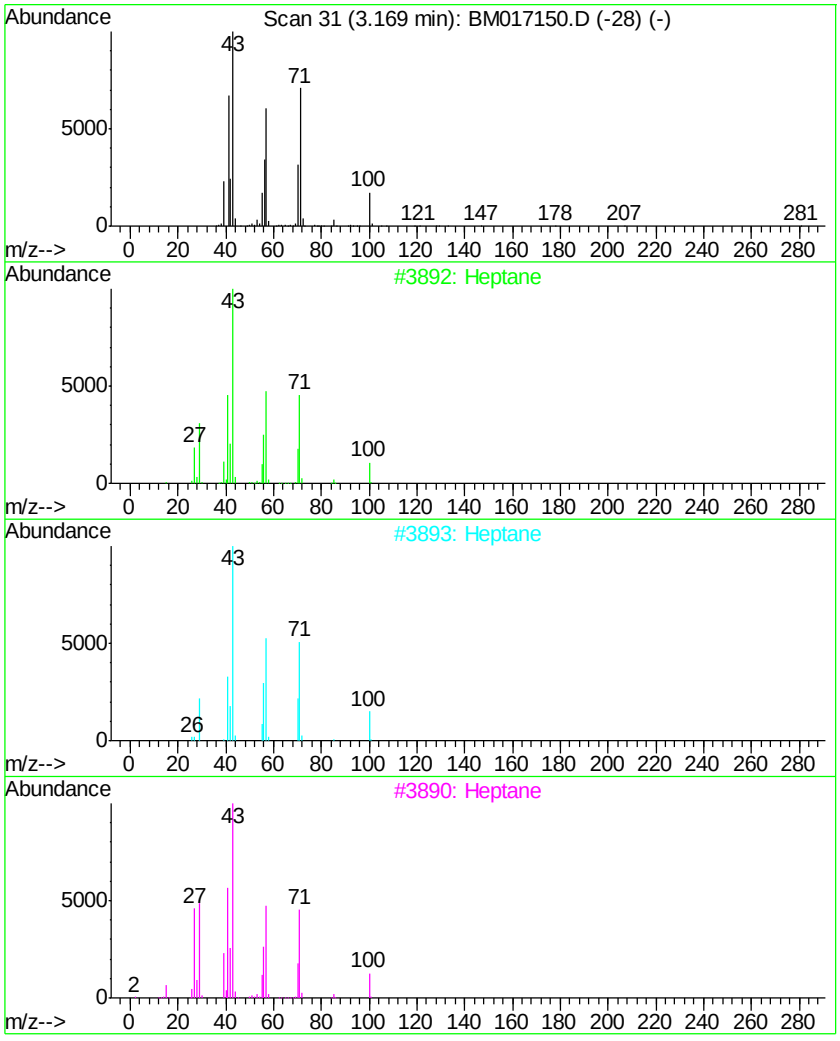
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

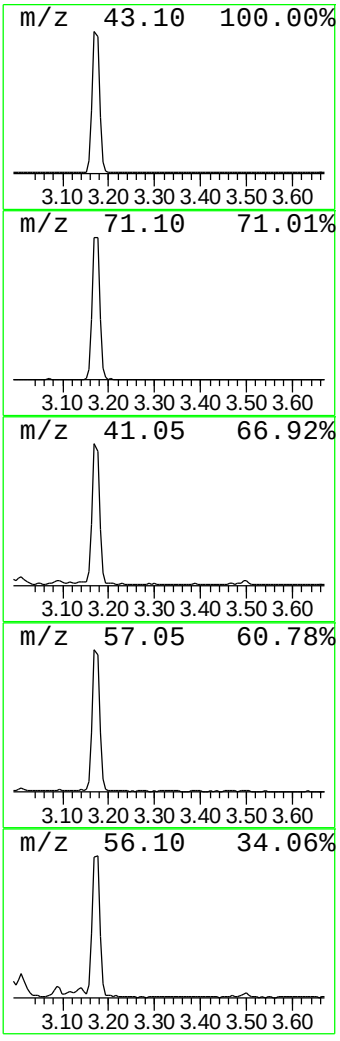
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	11.61 ng/ul	691313	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	86
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5	Heptane	100	C7H16	000142-82-5	62





Library Search Compound Report

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Acq On : 13 Oct 2018 16:56
Operator : MJ/SJ
Sample : J5400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BE0

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

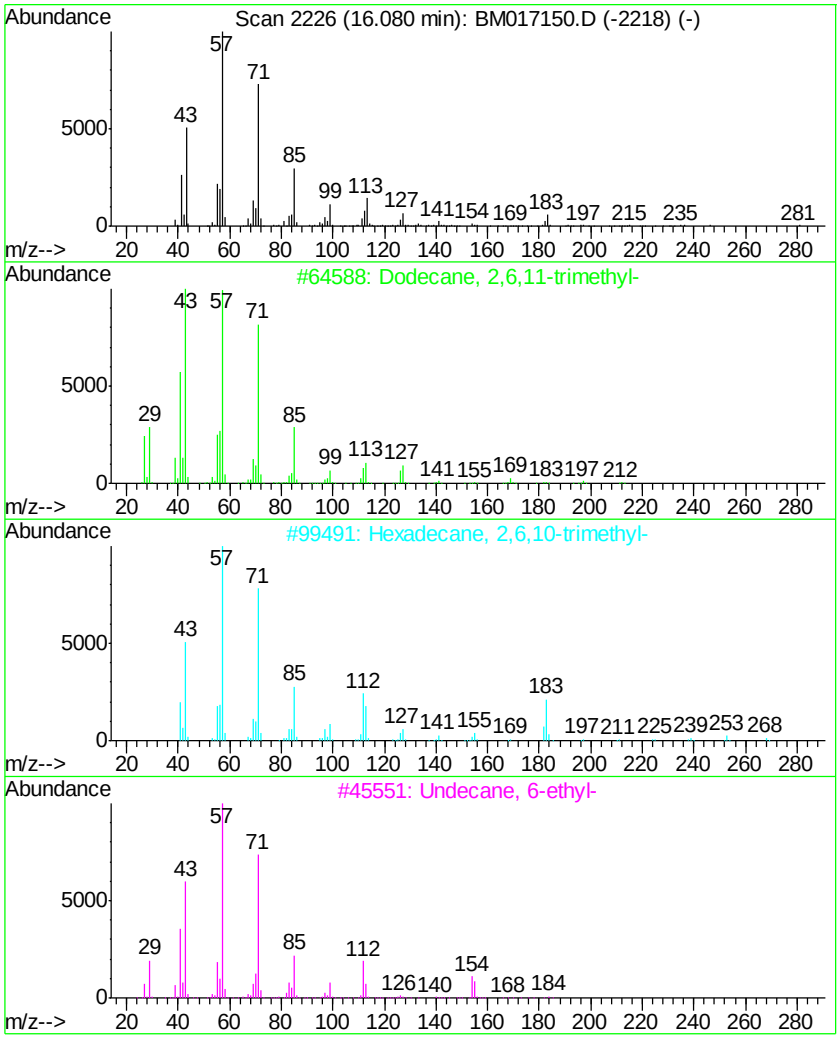
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

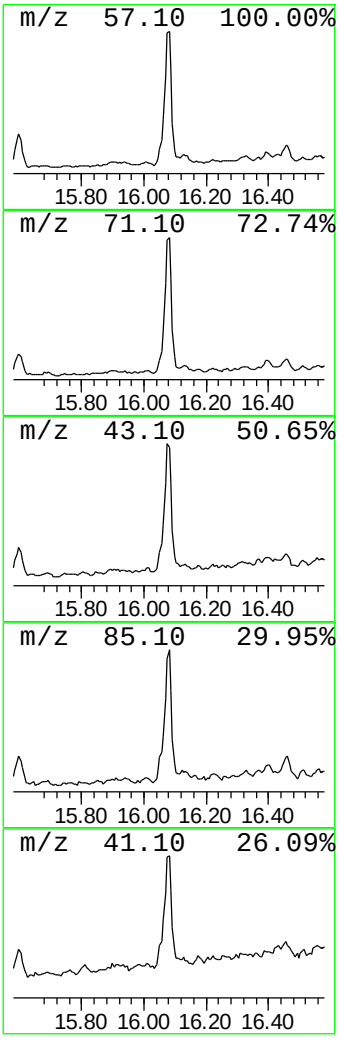
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	6.15 ng/ul	1044080	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	90
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	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





Library Search Compound Report

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Data File : BM017150.D
Acq On : 13 Oct 2018 16:56
Operator : MJ/SJ
Sample : J5400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BE0

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

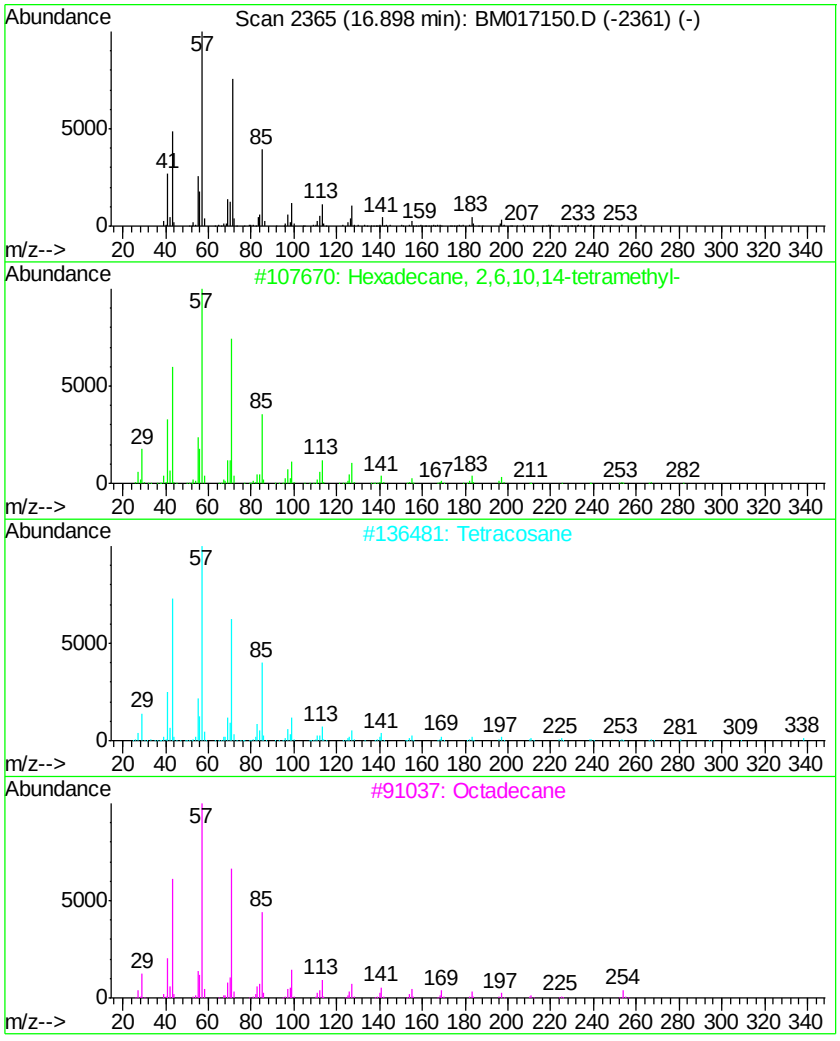
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

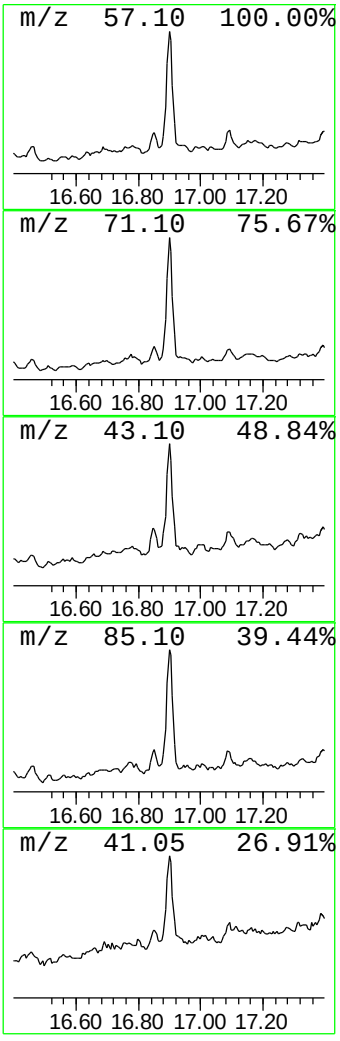
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	4.53 ng/ul	769206	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	Tetracosane	338	C24H50	000646-31-1	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Heptacosane	380	C27H56	000593-49-7	86





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Sample : J5400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BE0

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

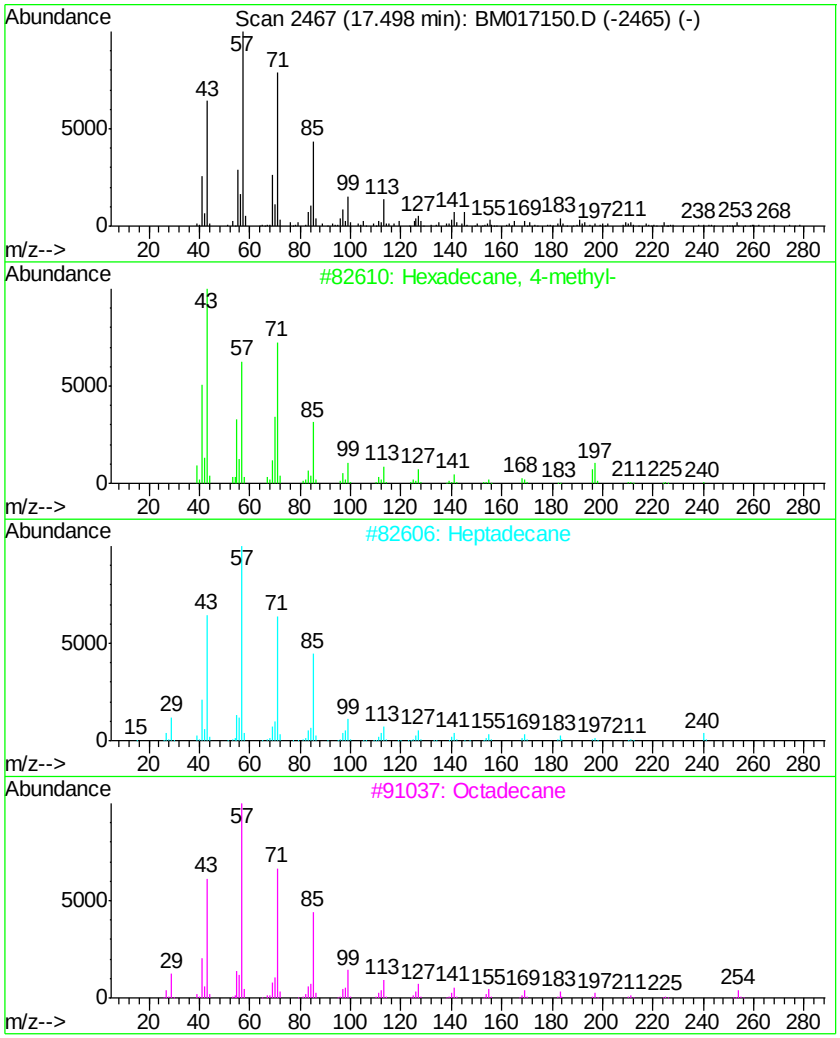
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

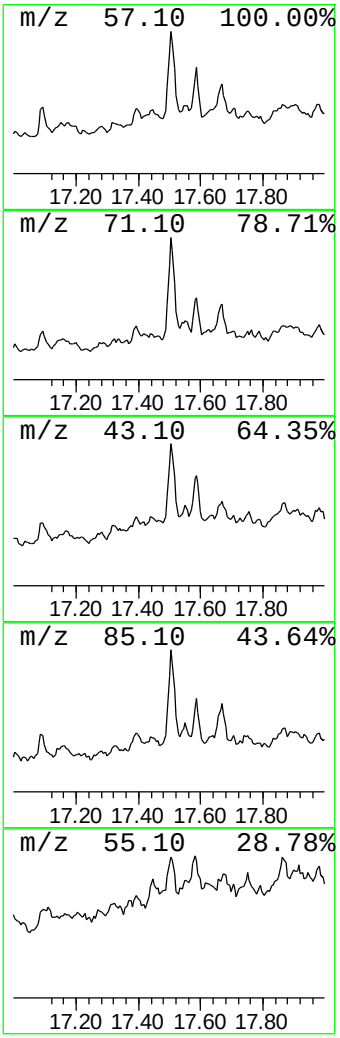
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.22 ng/ul	376155	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : J5400-02
Misc :
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Instrument : BNA_M
ClientSampleId : C0BE0

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

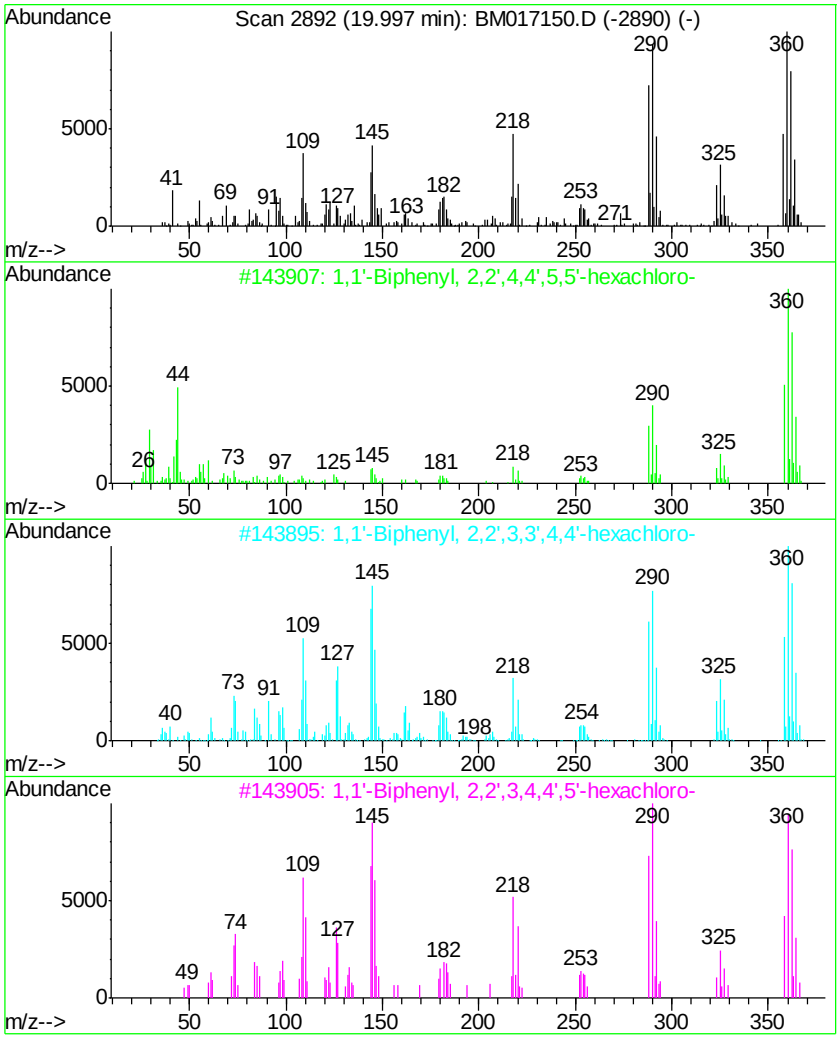
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

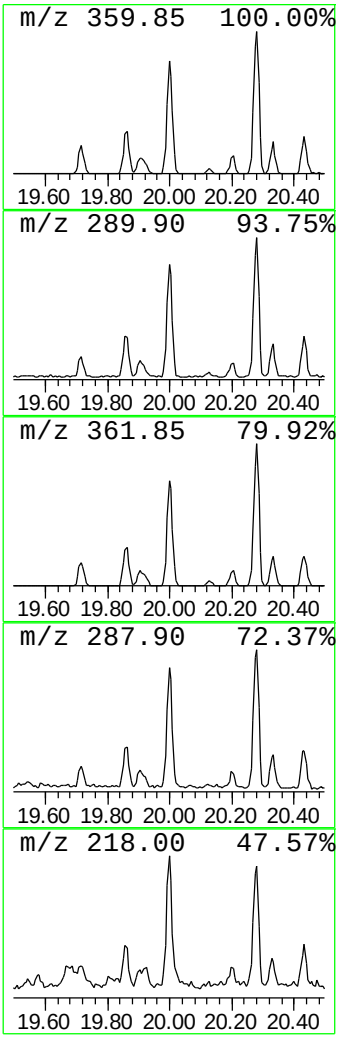
****

Peak Number 7 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.24 ng/ul	359532	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	96
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	94
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	93
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	91
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	91





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Quant Title : SVOA CALIBRATION

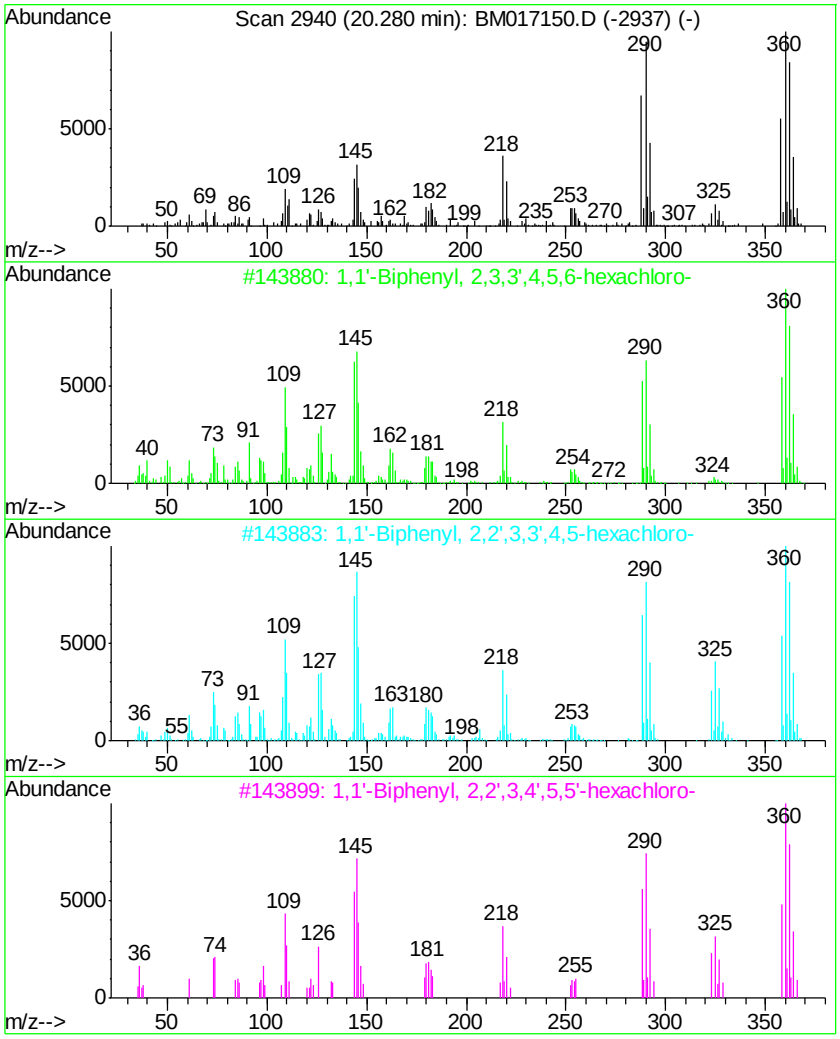
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

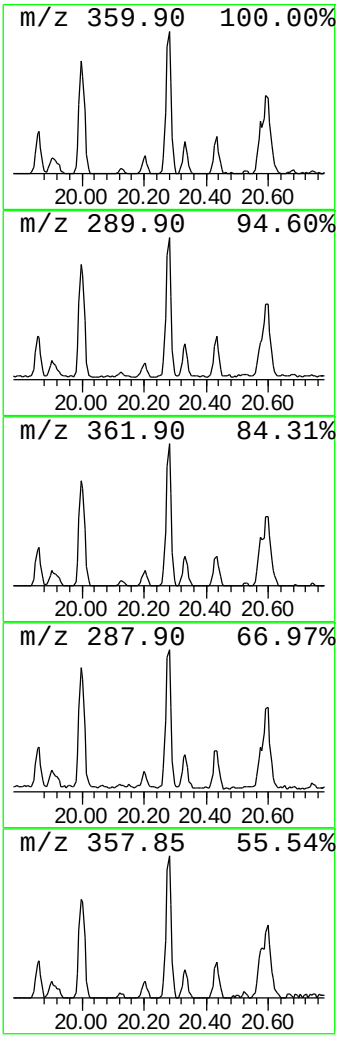
****

Peak Number 8 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	3.35 ng/ul	536658	Chrysene-d12	21.27

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',4,5-hex...	358	C12H4Cl6	055215-18-4	96
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
5	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96





Tentatively Identified Compound (LSC) summary

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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...	3.17	11.6	ng/ul	691313	1	7.69	1191240	20.0
(DEL) Alkane: Str...	16.08	6.2	ng/ul	1044080	4	17.08	3394930	20.0
(DEL) Alkane: Str...	16.90	4.5	ng/ul	769206	4	17.08	3394930	20.0
(DEL) Alkane: Str...	17.50	2.2	ng/ul	376155	4	17.08	3394930	20.0
1,1'-Biphenyl, 2,...	20.00	2.2	ng/ul	359532	5	21.27	3206750	20.0
1,1'-Biphenyl, 2,...	20.28	3.4	ng/ul	536658	5	21.27	3206750	20.0