LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001816.D
Acq On : 20 Feb 2020 22:56
Operator : CG/JU
Sample : L1418-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B15

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_P\METHODS\SOM-EPA-BP021820MA.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	2.940	4	9	14	rBV	1591462	2172800	9.30%	2.027%
2	3.187	47	51	57	rVB	57910	78390	0.34%	0.073%
3	3.605	119	122	129	rVB2	20676	27493	0.12%	0.026%
4	3.699	134	138	147	rVB	74988	107890	0.46%	0.101%
5	3.911	171	174	180	rVB	15409	23778	0.10%	0.022%
6	4.134	208	212	216	rBV2	16164	23543	0.10%	0.022%
7	4.458	263	267	271	rVB	19391	27047	0.12%	0.025%
8	4.811	322	327	338	rBV3	46936	76172	0.33%	0.071%
9	4.899	338	342	349	rBV2	16874	32112	0.14%	0.030%
10	6.216	558	566	571	rVB	29418	48047	0.21%	0.045%
11	6.840	659	672	683	rBV	1197829	2027938	8.68%	1.892%
12	6.999	691	699	708	rBV	1036912	1719469	7.36%	1.604%
13	7.199	725	733	742	rBV	1370964	2247190	9.62%	2.096%
14	7.328	750	755	760	rBV5	16106	31535	0.14%	0.029%
15	7.663	805	812	822	rVV	1225793	2084442	8.92%	1.945%
16	7.952	857	861	871	rVB10	11437	24529	0.11%	0.023%
17	8.193	898	902	905	rBV	20365	30758	0.13%	0.029%
18	8.363	918	931	940	rBV	1209595	2037282	8.72%	1.901%
19	8.475	945	950	956	rVB	60491	102808	0.44%	0.096%
20	8.546	956	962	968	rBV5	19487	40394	0.17%	0.038%
21	8.799	988	1005	1013	rBV	1202829	2243624	9.61%	2.093%
22	8.934	1020	1028	1034	rVB8	22508	57711	0.25%	0.054%
23	9.028	1039	1044	1050	rVB10	15977	37860	0.16%	0.035%
24	9.293	1085	1089	1099	rBV2	49796	90717	0.39%	0.085%
25	9.522	1120	1128	1135	rBV	973087	1660602	7.11%	1.549%
26	9.634	1142	1147	1150	rBV4	31395	56530	0.24%	0.053%
27	9.769	1163	1170	1175	rBV4	10522	25673	0.11%	0.024%
28	9.875	1181	1188	1193	rBV3	28578	66539	0.28%	0.062%
29	10.057	1210	1219	1229	rBV	1710933	2836566	12.14%	2.646%
30	10.152	1229	1235	1240	rVB8	16349	33183	0.14%	0.031%
31	10.210	1241	1245	1250	rBV4	13106	30881	0.13%	0.029%
32	10.434	1275	1283	1297	rVB	1813368	3049413	13.06%	2.845%
33	10.569	1297	1306	1315	rBV	577552	1101295	4.72%	1.027%
34	10.640	1315	1318	1323	rVB	22147	36906	0.16%	0.034%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1418-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B15

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	10.863	1352	1356	1360	rVB5	21032	32994	0.14%	0.031%
36	10.993	1374	1378	1385	rVB3	30451	54561	0.23%	0.051%
37	11.063	1386	1390	1395	rBV2	30277	46501	0.20%	0.043%
38	11.140	1399	1403	1409	rVB3	64019	116605	0.50%	0.109%
39	11.222	1409	1417	1424	rBV2	72246	177870	0.76%	0.166%
40	11.540	1465	1471	1477	rVB7	75774	192594	0.82%	0.180%
41	11.640	1485	1488	1489	rBV2	26754	26721	0.11%	0.025%
42	11.740	1502	1505	1511	rBV6	26946	54996	0.24%	0.051%
43	11.946	1537	1540	1541	rBV2	33775	35953	0.15%	0.034%
44	12.028	1550	1554	1558	rBV4	51082	85268	0.37%	0.080%
45	12.193	1578	1582	1590	rBV4	68298	147008	0.63%	0.137%
46	12.334	1602	1606	1609	rBV5	41038	62004	0.27%	0.058%
47	12.393	1612	1616	1621	rVB5	53780	108508	0.46%	0.101%
48	12.698	1665	1668	1670	rBV4	59217	75213	0.32%	0.070%
49	12.745	1672	1676	1680	rVB4	116062	176136	0.75%	0.164%
50	12.916	1701	1705	1711	rBV7	53913	125106	0.54%	0.117%
51	13.093	1730	1735	1740	rBV2	338285	520632	2.23%	0.486%
52	13.640	1824	1828	1829	rBV3	170863	238332	1.02%	0.222%
53	13.710	1835	1840	1846	rBV	2796732	4570491	19.57%	4.264%
54	13.981	1880	1886	1894	rBV	3430337	5479047	23.46%	5.111%
55	14.051	1894	1898	1904	rVV5	356928	856701	3.67%	0.799%
56	14.110	1905	1908	1910	rVV	391315	524504	2.25%	0.489%
57	14.140	1911	1913	1918	rVB	448090	559007	2.39%	0.522%
58	14.216	1923	1926	1931	rVB5	228407	360741	1.54%	0.337%
59	14.292	1932	1939	1953	rBV	2622127	4966276	21.26%	4.633%
60	14.404	1954	1958	1962	rBV	319906	508836	2.18%	0.475%
61	14.492	1968	1973	1978	rBV	901368	1608828	6.89%	1.501%
62	14.928	2043	2047	2052	rBV2	754309	1301198	5.57%	1.214%
63	15.292	2104	2109	2115	rBV	4164216	5853900	25.06%	5.461%
64	15.410	2125	2129	2132	rBV2	740067	1009690	4.32%	0.942%
65	16.710	2344	2350	2357	rBV	15143321	23356984	100.00%	21.790%
66	17.051	2404	2408	2412	rBV	2383031	3234552	13.85%	3.018%
67	17.151	2420	2425	2429	rBV	3556979	4922849	21.08%	4.593%
68	19.069	2747	2751	2756	rVB	2063687	2820383	12.08%	2.631%
69	19.392	2801	2806	2809	rBV	4774284	7138243	30.56%	6.659%
70	21.139	3098	3103	3107	rBV2	2896655	4517512	19.34%	4.214%
71	23.216	3452	3456	3461	rVB	2925221	4730006	20.25%	4.413%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : C5B15

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

72	24.927	3742	3747	3753	rBV2	1176712	2303780	9.86%	2.149%

Sum of corrected areas: 107191647

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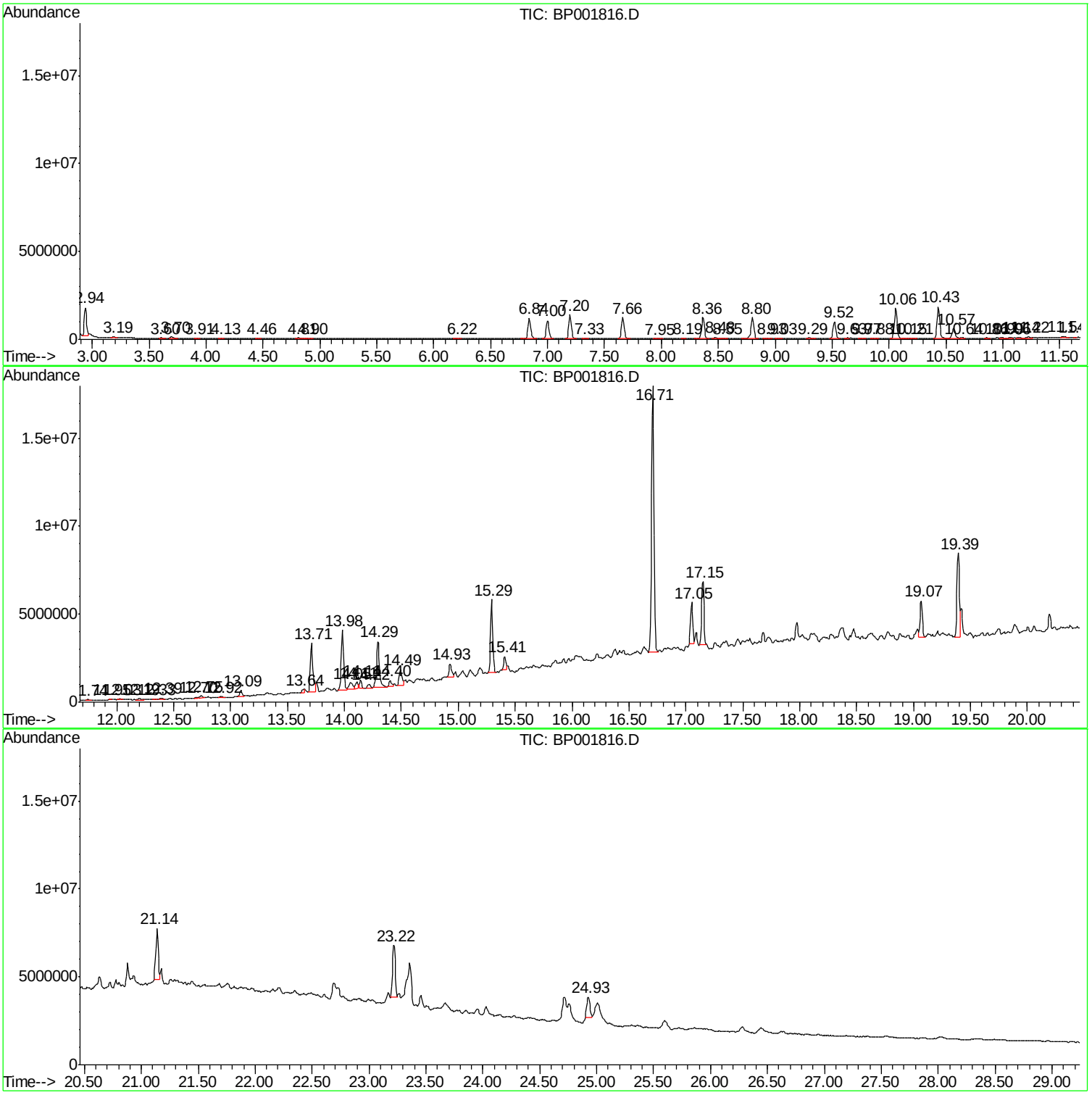
Instrument :
BNA_P
ClientSampleId :
C5B15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BP001816.D
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Operator : CG/JU
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Instrument : BNA_P
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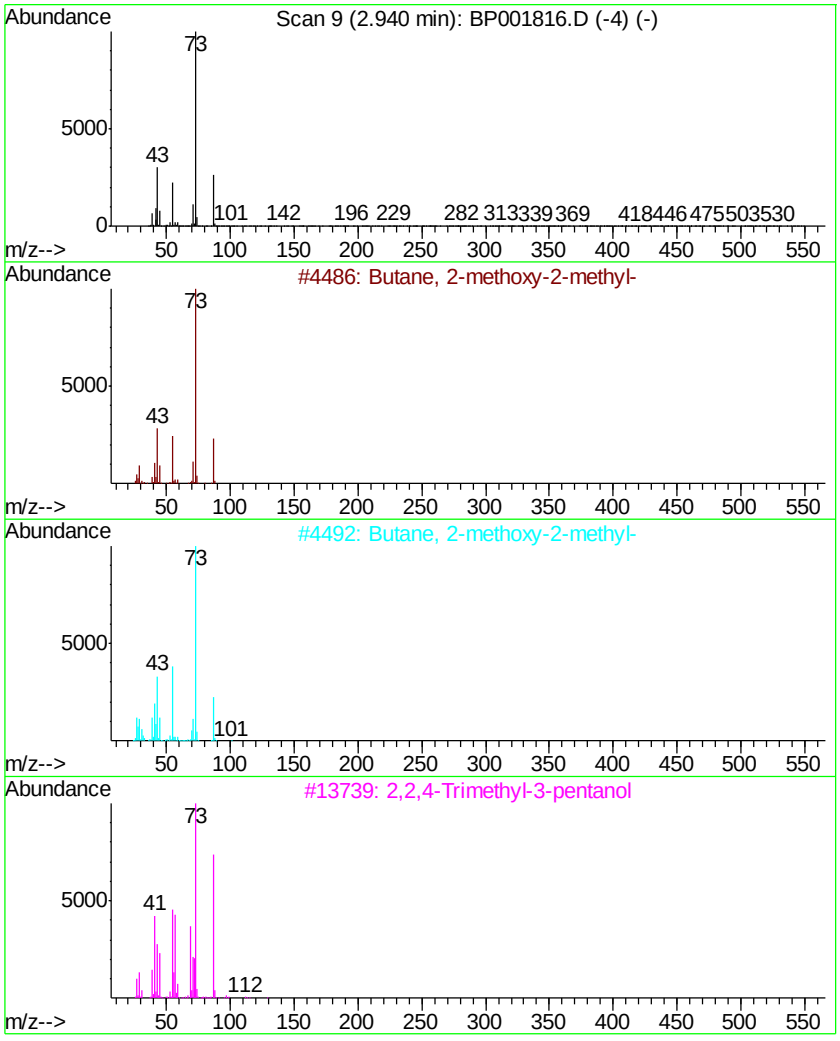
Quant Title : SVOA CALIBRATION

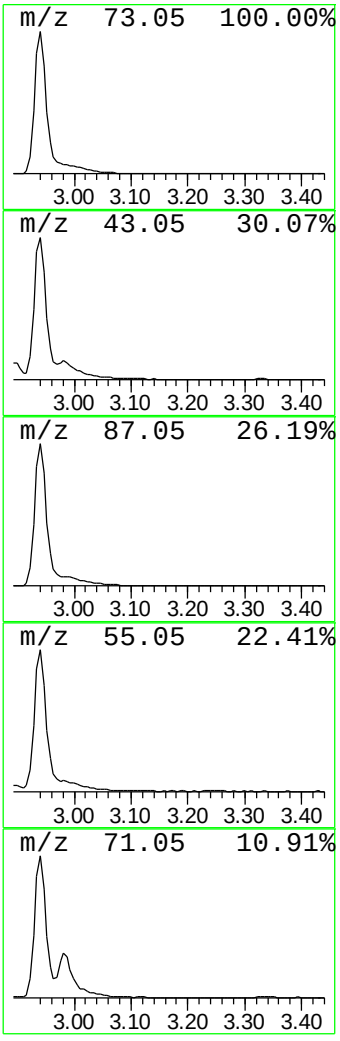
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	20.85 ng/ul	2172800	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Instrument : BNA_P
ClientSampleId : C5B15

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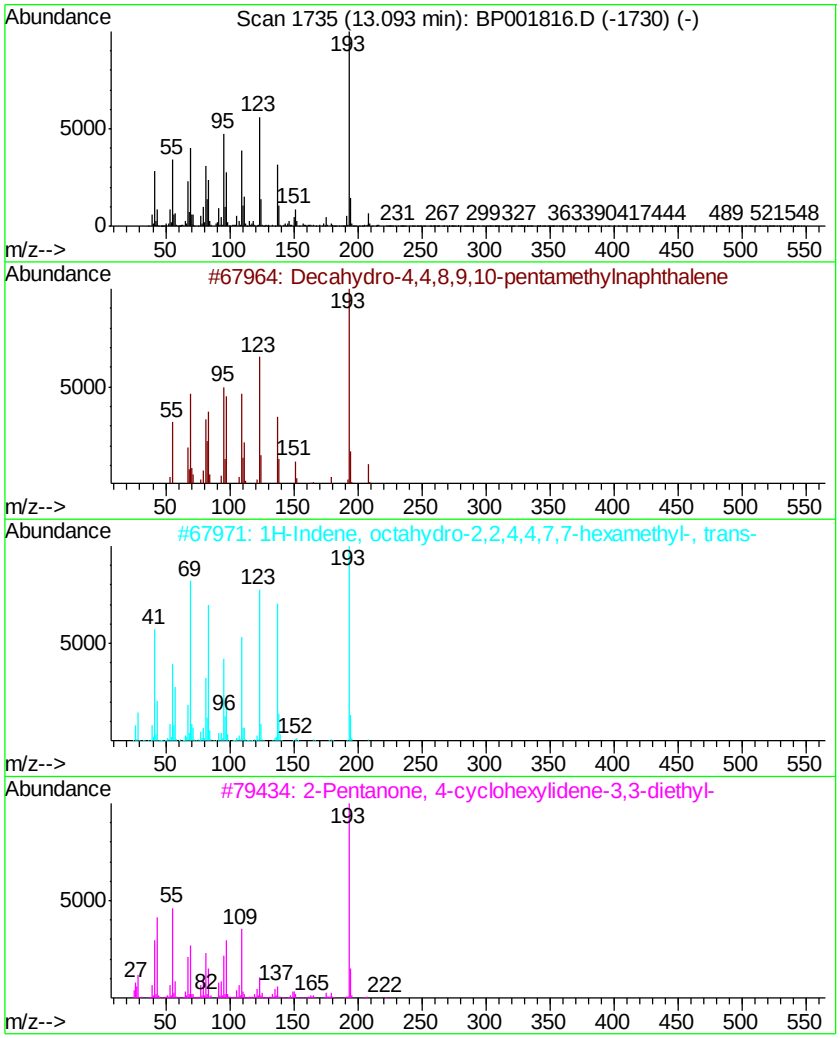
Quant Title : SVOA CALIBRATION

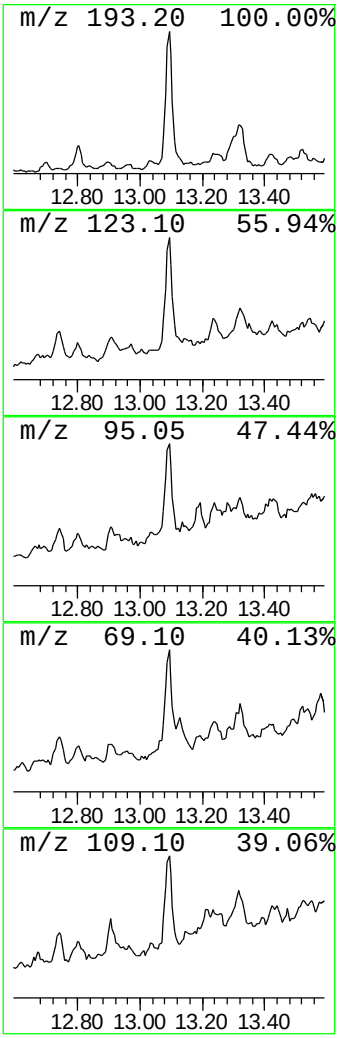
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.10 ng/ul	520632	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	94
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	45
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
4	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	37
5	2,6-Pyridinedicarboxylic acid, 4...	361	C19H20ClNO4	1000369-13-9	32





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Sample : L1418-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

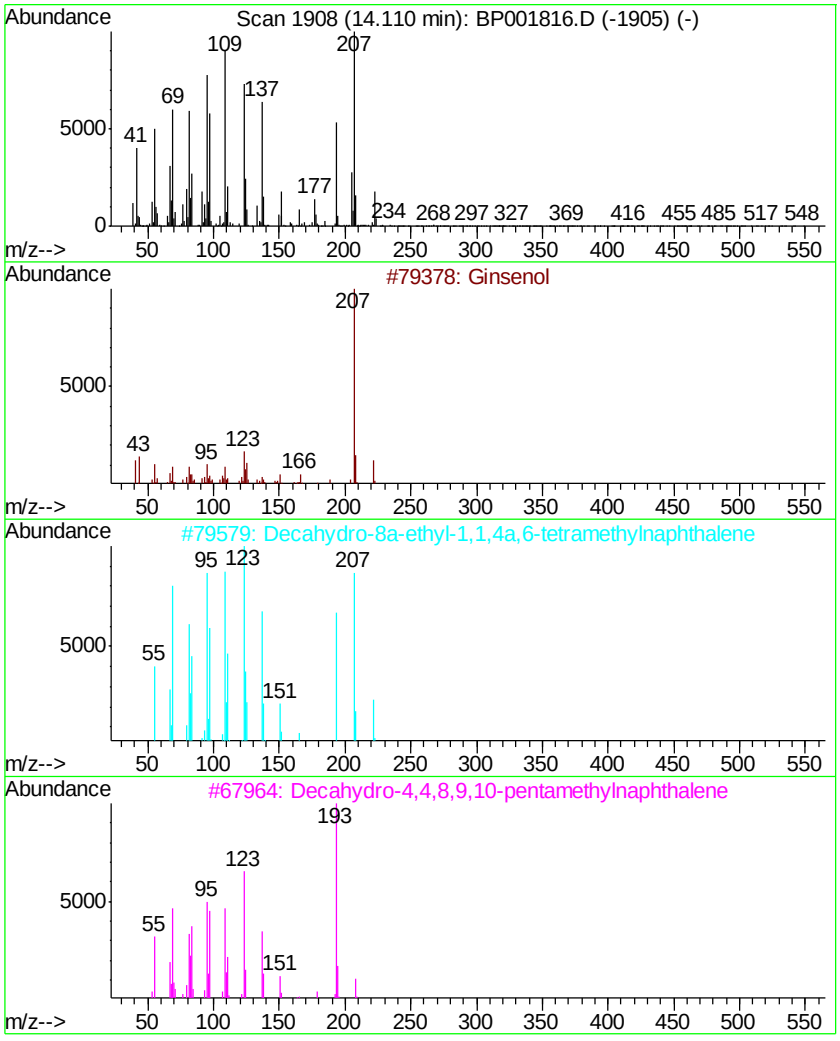
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

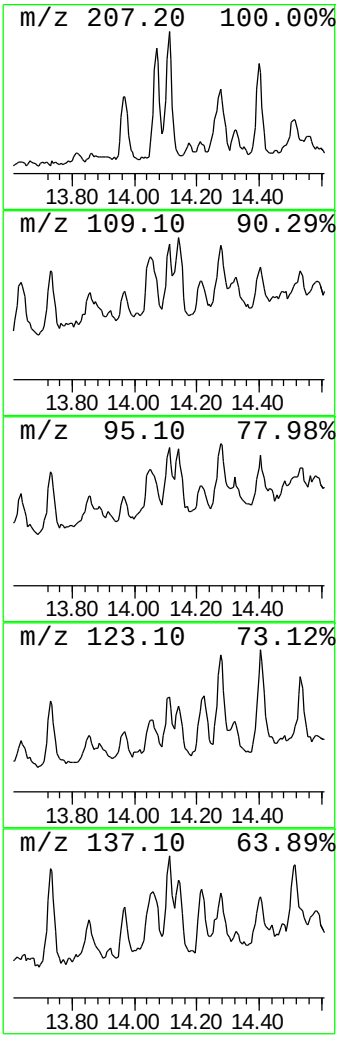
****

Peak Number 3 Ginsenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.11 ng/ul	524504	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ginsenol	222	C15H26O	117591-80-7	58
2	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	58
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
4	Propanamide, N-(4-ethoxyphenyl)-	193	C11H15NO2	019314-14-8	25
5	Benzamide, N-[2-(acetyloxy)pheny...	273	C15H12FNO3	173261-83-1	22





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Quant Title : SVOA CALIBRATION

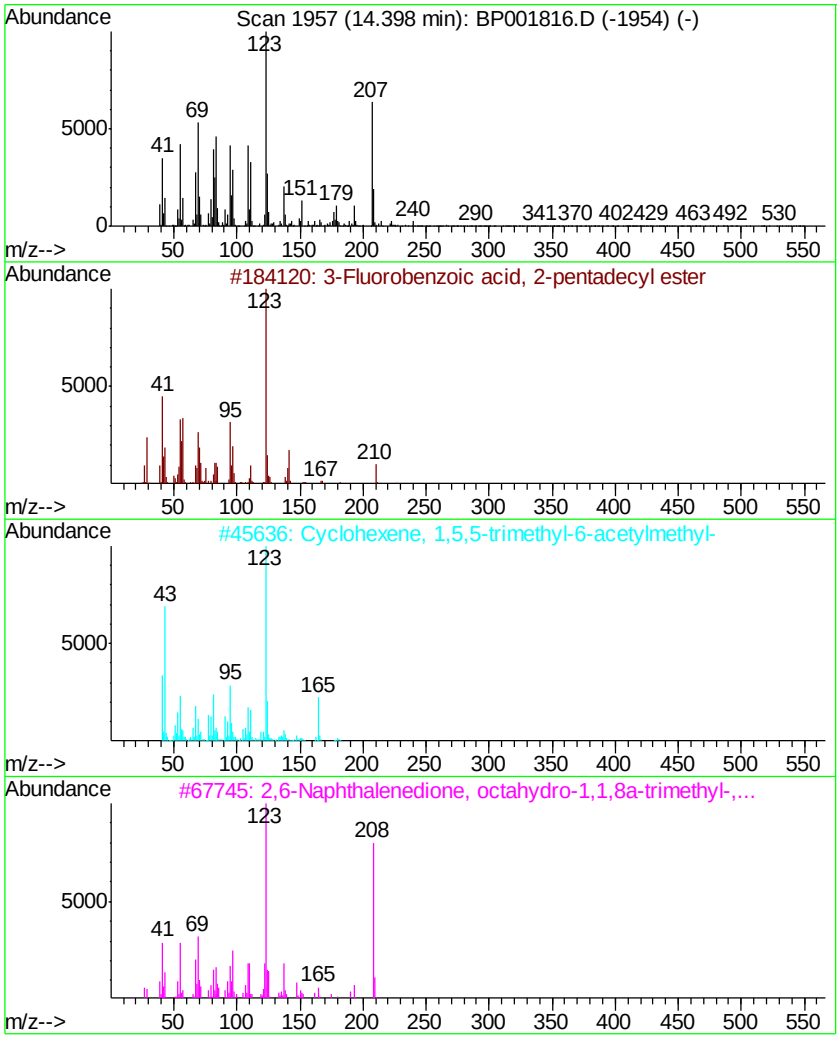
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

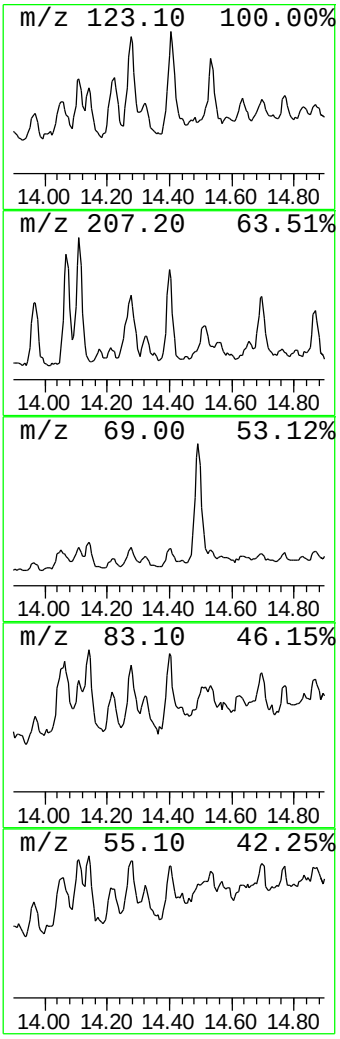
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	2.05 ng/ul	508836	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	47
2	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	43
3	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	38
4	Benzamide, 2-fluoro-N-methallyl-	193	C11H12FNO	1000340-07-0	38
5	Diallyldivinylsilane	164	C10H16Si	119901-88-1	37





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

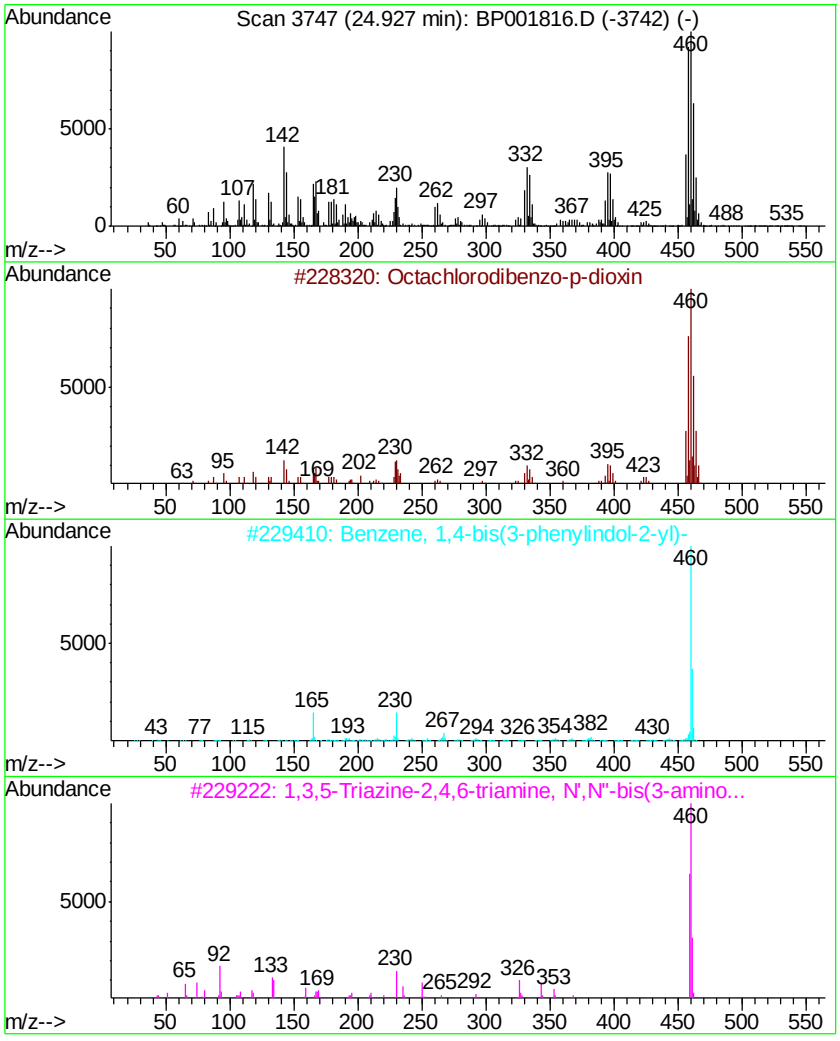
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

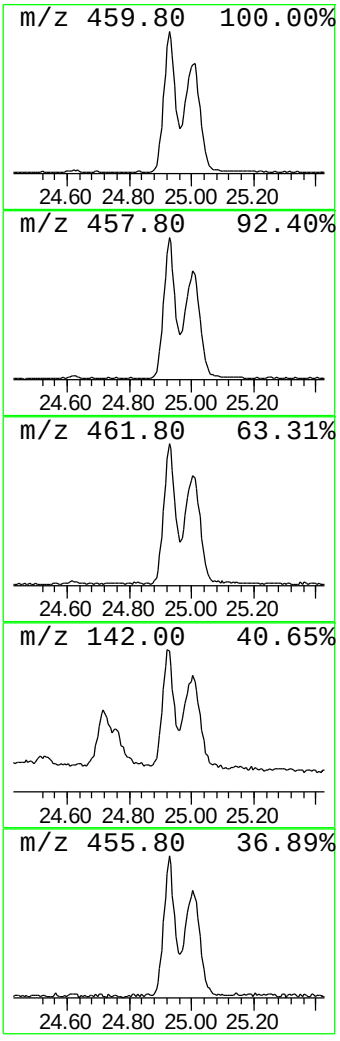
****

Peak Number 6 Octachlorodibenzo-p-dioxin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	9.74 ng/ul	2303780	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	95
2	Benzene, 1,4-bis(3-phenylindol-2...	460	C34H24N2	164936-88-3	10
3	1,3,5-Triazine-2,4,6-triamine, N...	460	C27H24N8	033933-66-3	9
4	Pyridine, pentaphenyl-	459	C35H25N	040249-26-1	9
5	1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	9





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_P
ClientSampleId : C5B15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.94	20.9	ng/ul	2172800	1	7.66	2084440	20.0
Decahydro-4,4,8,9...	13.09	2.1	ng/ul	520632	3	14.30	4966280	20.0
Ginsenol	14.11	2.1	ng/ul	524504	3	14.30	4966280	20.0
unknown-01	14.40	2.0	ng/ul	508836	3	14.30	4966280	20.0
Octachlorodibenzo...	24.93	9.7	ng/ul	2303780	6	23.36	4730010	20.0