LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018306.D
Acq On : 6 Aug 2015 15:55
Operator : UM/TP
Sample : G3109-14DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.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	3.240	92	94	96	rVB2	6401	5444	1.13%	0.109%
2	3.428	121	126	127	rBV3	3602	4078	0.85%	0.082%
3	3.552	145	147	151	rVV2	1930	2346	0.49%	0.047%
4	3.616	155	158	159	rBV2	2635	2873	0.60%	0.057%
5	3.746	173	180	181	rBV4	2975	3931	0.82%	0.079%
6	3.828	191	194	196	rBV	3317	2965	0.62%	0.059%
7	3.857	198	199	202	rVB2	2421	2348	0.49%	0.047%
8	4.040	228	230	233	rVB2	3308	3125	0.65%	0.063%
9	5.044	396	401	402	rBV2	2179	2907	0.60%	0.058%
10	5.079	405	407	411	rVV3	3230	3991	0.83%	0.080%
11	5.191	423	426	428	rBV	1921	2209	0.46%	0.044%
12	5.356	451	454	457	rBV2	2336	2450	0.51%	0.049%
13	5.444	468	469	474	rVB2	3103	3221	0.67%	0.064%
14	5.749	518	521	524	rBV2	3186	3616	0.75%	0.072%
15	6.061	570	574	576	rBV	2401	2904	0.60%	0.058%
16	6.096	576	580	582	rBV	2179	2577	0.54%	0.052%
17	6.513	649	651	655	rBV2	4339	4823	1.00%	0.096%
18	6.572	659	661	665	rVB3	4394	4667	0.97%	0.093%
19	6.642	667	673	679	rBV	38083	66070	13.73%	1.321%
20	6.772	690	695	700	rBV2	28187	44105	9.17%	0.882%
21	6.971	723	729	733	rBV2	42209	70919	14.74%	1.418%
22	7.071	741	746	751	rVV2	6131	9230	1.92%	0.185%
23	7.430	800	807	812	rBV	103124	158439	32.93%	3.169%
24	7.906	886	888	890	rBV	2592	2501	0.52%	0.050%
25	8.070	908	916	919	rBV2	4071	6506	1.35%	0.130%
26	8.170	927	933	942	rBV	45832	74980	15.59%	1.500%
27	8.252	945	947	950	rVV	3143	3494	0.73%	0.070%
28	8.282	950	952	956	rVB	2485	3040	0.63%	0.061%
29	8.329	956	960	961	rBV	2436	3137	0.65%	0.063%
30	8.423	972	976	979	rVB	2072	2832	0.59%	0.057%
31	8.464	981	983	988	rVB	1540	2407	0.50%	0.048%
32	8.505	988	990	992	rBV	2166	2243	0.47%	0.045%
33	8.528	992	994	997	rVB2	5333	4601	0.96%	0.092%
34	8.587	997	1004	1012	rBV	42905	70329	14.62%	1.407%

LSC Area Percent Report

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Title : SVOA CALIBRATION

35	8.781	1033	1037	1040	rVB	2577	3694	0.77%	0.074%
36	8.846	1045	1048	1051	rVV	1739	2485	0.52%	0.050%
37	9.045	1079	1082	1086	rBV	2690	4563	0.95%	0.091%
38	9.116	1090	1094	1096	rBV	2278	2600	0.54%	0.052%
39	9.304	1120	1126	1133	rVV2	42147	70195	14.59%	1.404%
40	9.598	1172	1176	1177	rVV2	2565	2211	0.46%	0.044%
41	9.615	1177	1179	1185	rVB4	2845	3949	0.82%	0.079%
42	9.856	1213	1220	1228	rBV2	57532	96917	20.15%	1.938%
43	10.091	1259	1260	1265	rVB2	2122	2678	0.56%	0.054%
44	10.132	1265	1267	1270	rBV	2397	3012	0.63%	0.060%
45	10.209	1274	1280	1287	rVV	146325	242645	50.44%	4.853%
46	10.262	1287	1289	1291	rVV2	4941	4654	0.97%	0.093%
47	10.332	1297	1301	1302	rVV3	1965	2857	0.59%	0.057%
48	10.367	1302	1307	1313	rVV3	19382	38144	7.93%	0.763%
49	10.555	1337	1339	1343	rBV	2725	2324	0.48%	0.046%
50	10.961	1405	1408	1412	rVB	3011	2814	0.58%	0.056%
51	11.249	1454	1457	1458	rVB	2922	2322	0.48%	0.046%
52	11.589	1513	1515	1517	rVV	2642	2212	0.46%	0.044%
53	11.660	1525	1527	1531	rVB	3641	3872	0.80%	0.077%
54	11.719	1535	1537	1542	rVB	2237	3428	0.71%	0.069%
55	11.895	1565	1567	1573	rVB2	4600	6357	1.32%	0.127%
56	11.966	1576	1579	1583	rBV2	2307	2666	0.55%	0.053%
57	12.024	1585	1589	1591	rBV2	1614	2684	0.56%	0.054%
58	12.112	1602	1604	1611	rVB2	4821	7707	1.60%	0.154%
59	12.206	1619	1620	1625	rVB2	3213	3450	0.72%	0.069%
60	12.512	1671	1672	1676	rVB	3943	2703	0.56%	0.054%
61	12.571	1679	1682	1683	rBV2	2178	2242	0.47%	0.045%
62	12.682	1698	1701	1702	rBV2	3745	4702	0.98%	0.094%
63	12.870	1729	1733	1734	rVV	2473	3076	0.64%	0.062%
64	12.935	1741	1744	1747	rVV3	3515	4194	0.87%	0.084%
65	12.988	1751	1753	1756	rVB2	2894	2927	0.61%	0.059%
66	13.205	1787	1790	1793	rBV2	2383	2346	0.49%	0.047%
67	13.270	1796	1801	1802	rBV3	2477	3522	0.73%	0.070%
68	13.528	1840	1845	1849	rVV	112819	165062	34.31%	3.301%
69	13.575	1849	1853	1862	rVB	50879	74609	15.51%	1.492%
70	13.746	1880	1882	1885	rVB3	3923	3214	0.67%	0.064%
71	13.805	1885	1892	1896	rBV	97868	147488	30.66%	2.950%

LSC Area Percent Report

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2DL

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
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Title : SVOA CALIBRATION

72	13.881	1902	1905	1906	rBV3	3436	3646	0.76%	0.073%
73	13.934	1910	1914	1920	rVV5	7676	11067	2.30%	0.221%
74	14.004	1924	1926	1928	rBV2	2971	3230	0.67%	0.065%
75	14.116	1939	1945	1951	rVV	229372	342505	71.19%	6.851%
76	14.175	1952	1955	1964	rVB7	13712	25168	5.23%	0.503%
77	14.245	1964	1967	1970	rBV3	4633	6643	1.38%	0.133%
78	14.310	1975	1978	1980	rBV4	3452	3611	0.75%	0.072%
79	14.327	1980	1981	1983	rBV2	4049	3487	0.72%	0.070%
80	14.380	1988	1990	1996	rVB5	18893	25237	5.25%	0.505%
81	14.504	2009	2011	2013	rBV3	5324	5766	1.20%	0.115%
82	14.662	2032	2038	2040	rBV7	6250	11141	2.32%	0.223%
83	14.903	2075	2079	2082	rBV6	9225	11912	2.48%	0.238%
84	15.115	2111	2115	2120	rBV	126536	168298	34.98%	3.366%
85	15.268	2138	2141	2148	rVB5	22295	33752	7.02%	0.675%
86	16.648	2372	2376	2380	rVB	109778	137069	28.49%	2.742%
87	16.754	2390	2394	2398	rBV4	53506	65057	13.52%	1.301%
88	16.877	2410	2415	2418	rBV	248308	366350	76.15%	7.327%
89	16.919	2418	2422	2426	rVB	102477	129225	26.86%	2.585%
90	16.971	2427	2431	2435	rBV2	116301	155579	32.34%	3.112%
91	17.048	2442	2444	2453	rBV10	22874	35297	7.34%	0.706%
92	17.859	2577	2582	2585	rBV	161355	200509	41.68%	4.010%
93	17.953	2594	2598	2602	rVB4	87807	117121	24.34%	2.343%
94	18.951	2764	2768	2773	rVB	202547	270166	56.16%	5.404%
95	19.098	2790	2793	2798	rVB	121057	160838	33.43%	3.217%
96	19.286	2821	2825	2827	rBV2	140378	189632	39.42%	3.793%
97	19.316	2828	2830	2834	rVB	180676	195357	40.61%	3.907%
98	19.551	2867	2870	2877	rVB2	120587	171995	35.75%	3.440%
99	20.232	2983	2986	2992	rVB2	107193	147117	30.58%	2.943%
100	21.014	3116	3119	3125	rVB	427574	481097	100.00%	9.623%

Sum of corrected areas: 4999705

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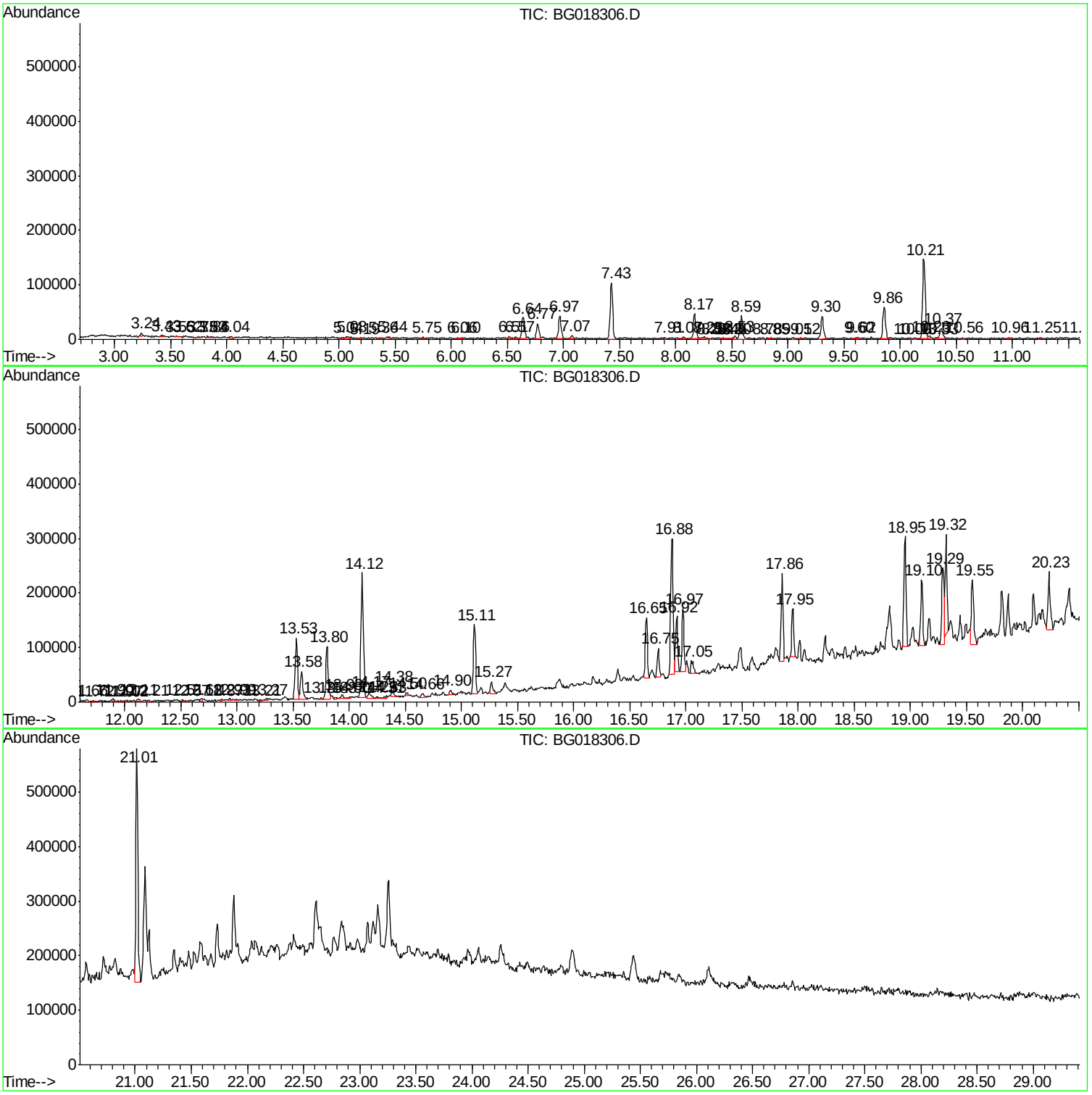
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
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Quant Title : SVOA CALIBRATION

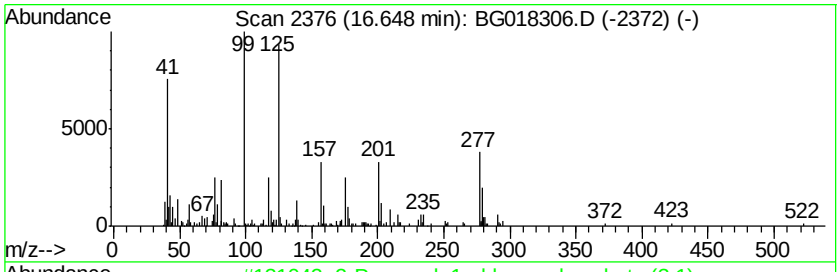
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

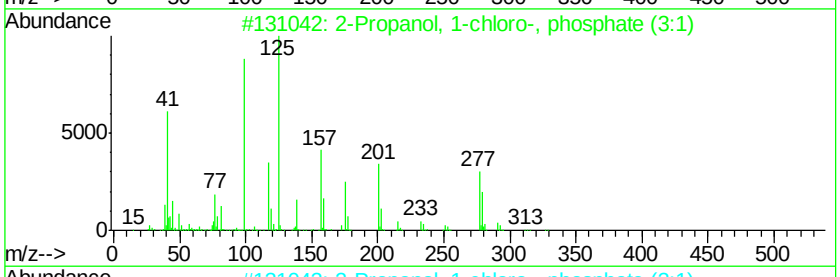
****

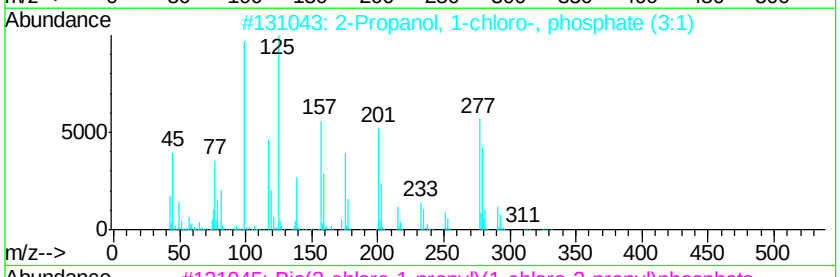
Peak Number 1 2-Propanol, 1-chloro-, phos... Concentration Rank 1

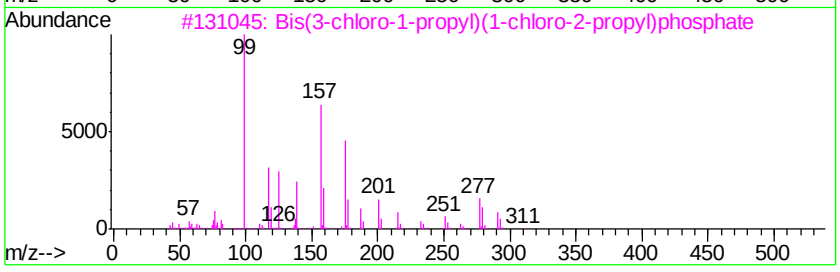
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	7.48 ng/ul	137069	Phenanthrene-d10	16.88

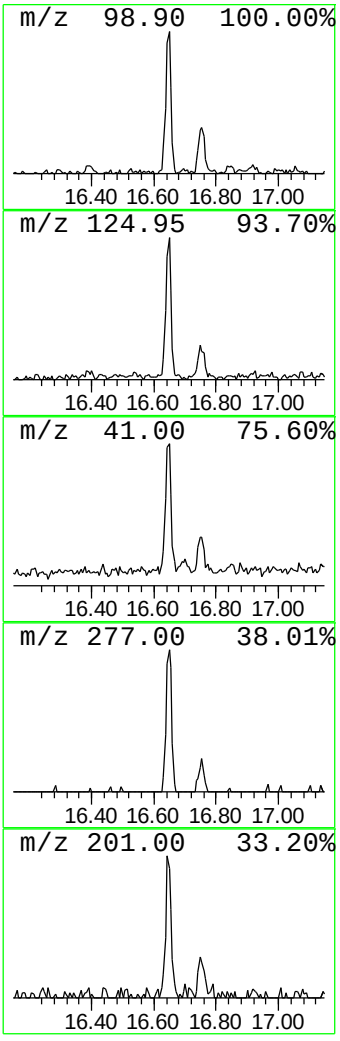
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	91
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	22
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	16
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	14
5	Androstan-3-one, cyclic 1,2-etha...	318	C21H34O2	001434-14-6	12











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Instrument : BNA_G
ClientSampleId : C01W2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

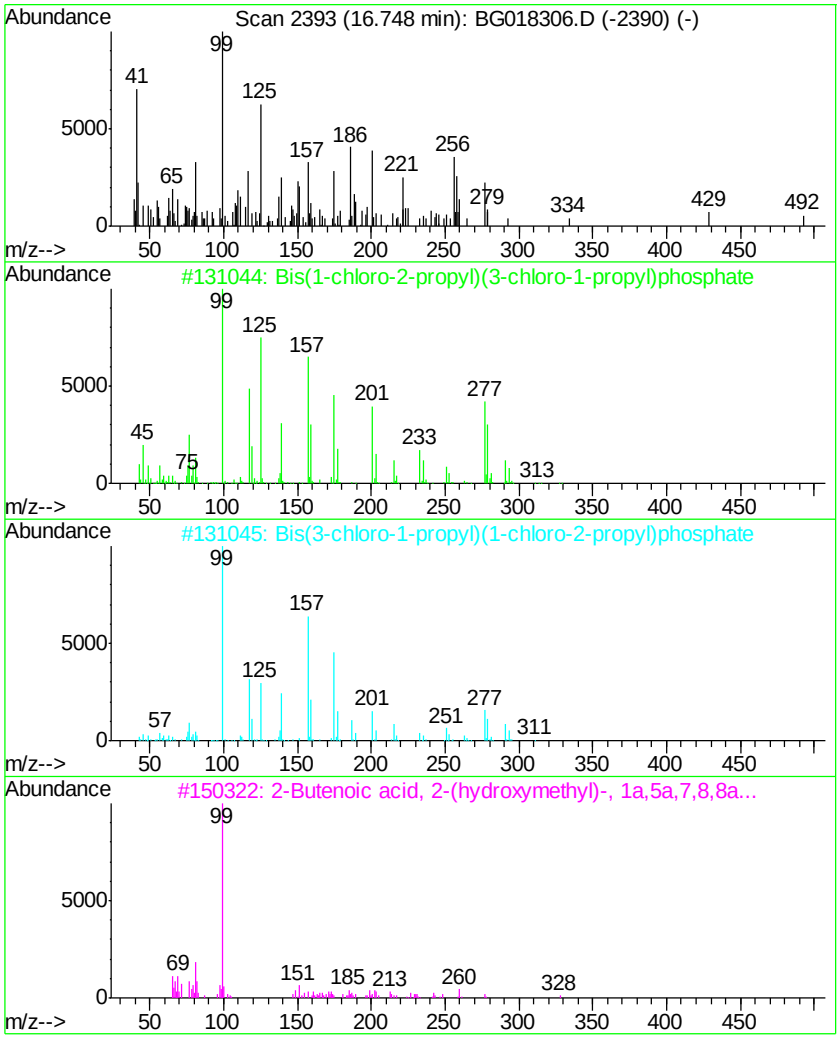
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

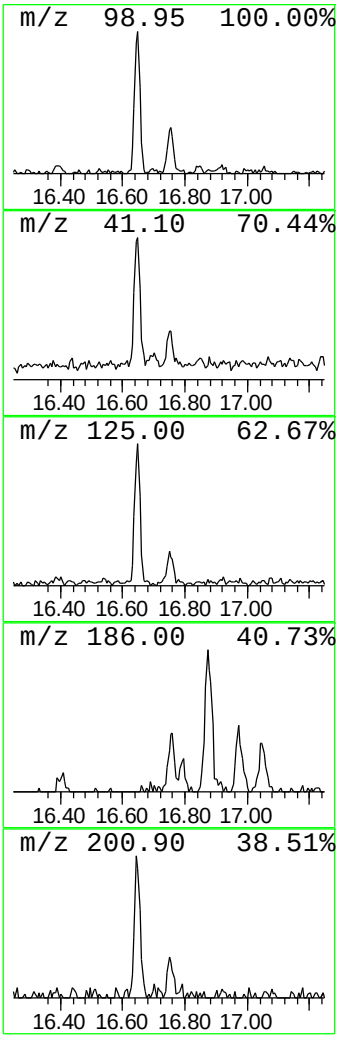
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.55 ng/ul	65057	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	46
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	14
3	2-Butenoic acid, 2-(hydroxymethy...	376	C20H24O7	049776-54-7	12
4	Androstan-3-one, cyclic 1,2-etha...	318	C21H34O2	001434-14-6	12
5	Sarin	140	C4H10FO2P	000107-44-8	12





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

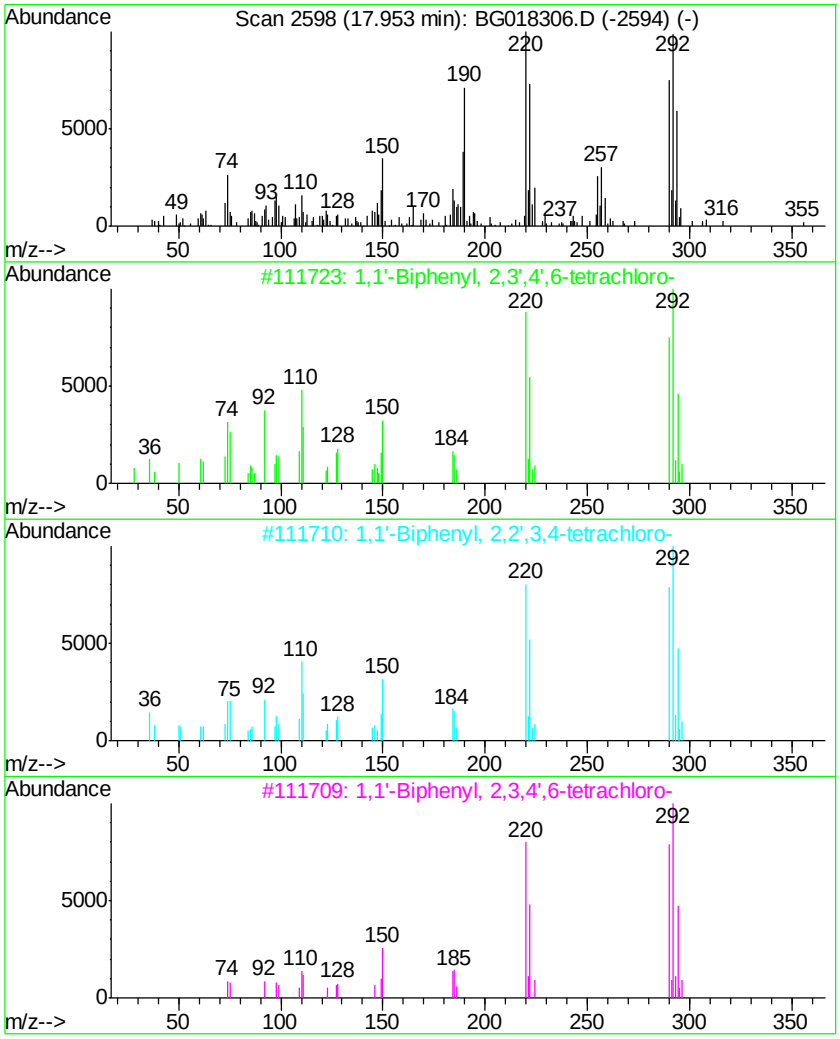
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

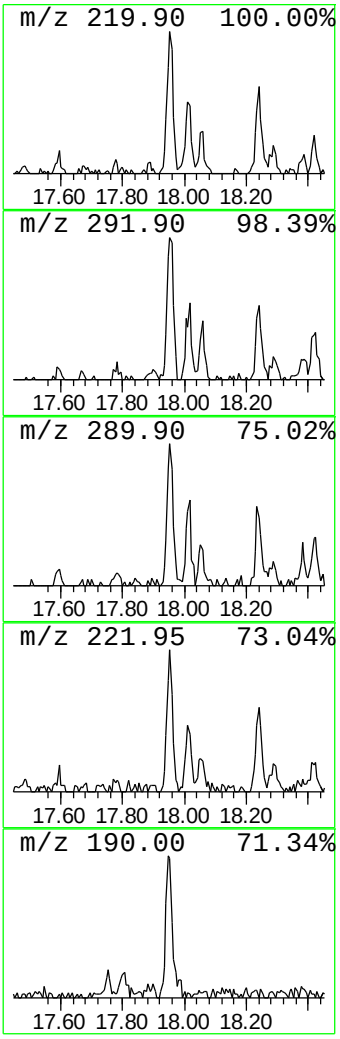
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	6.39 ng/ul	117121	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	94
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	94
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	93
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	93
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	93





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C01W2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

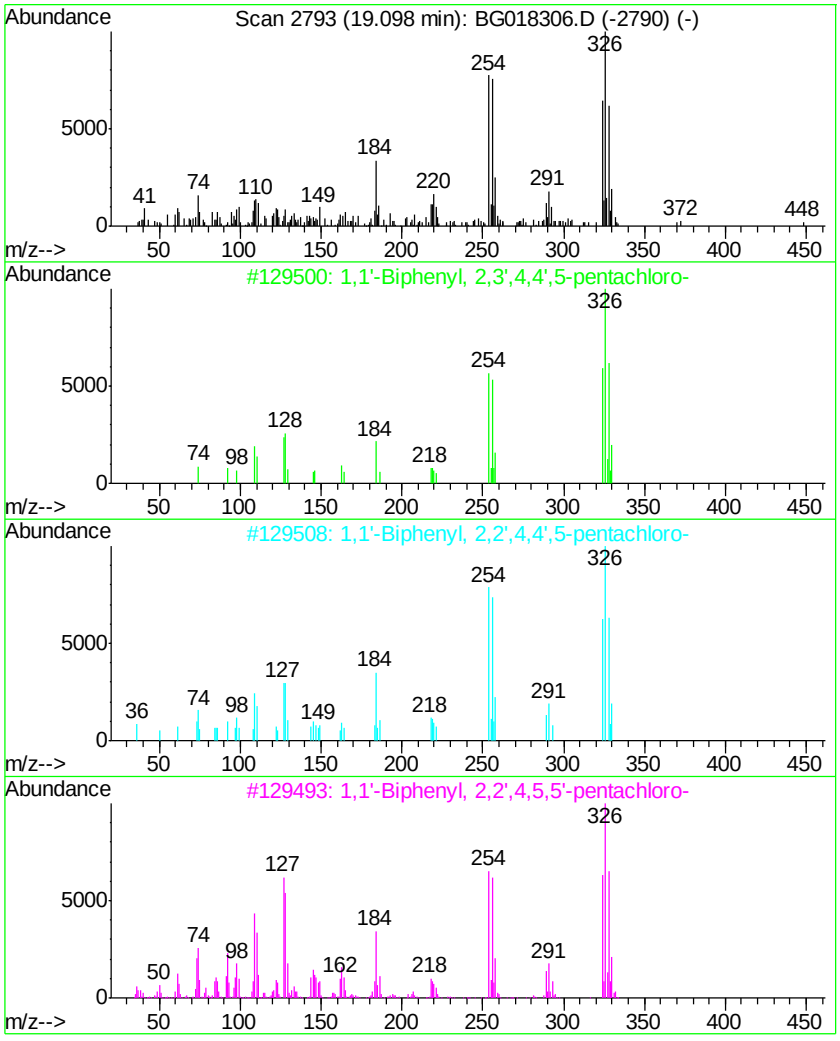
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

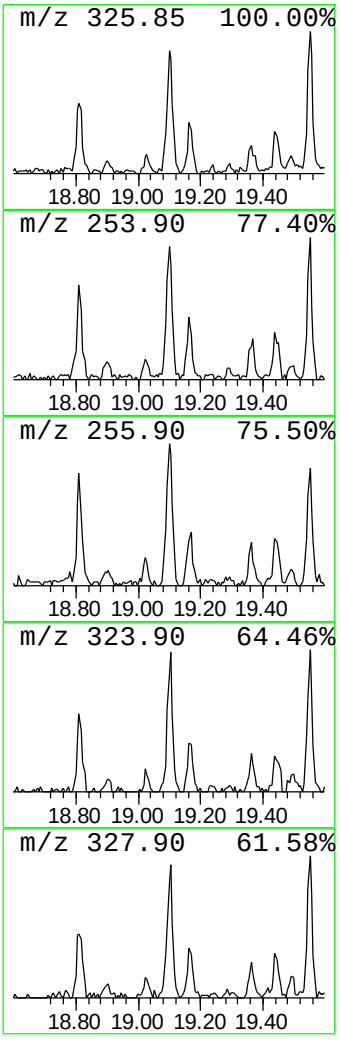
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	6.69 ng/ul	160838	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 1-chl...	16.65	7.5	ng/ul	137069	4	16.88	366350	20.0
unknown-01	16.75	3.5	ng/ul	65057	4	16.88	366350	20.0
1,1'-Biphenyl, 2,...	17.95	6.4	ng/ul	117121	4	16.88	366350	20.0
1,1'-Biphenyl, 2,...	19.10	6.7	ng/ul	160838	5	21.09	481097	20.0