LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

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-BP100919MA.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	2.340	40	43	57	rVB	29509	42074	0.99%	0.055%
2	3.699	269	274	277	rBV	3728	5937	0.14%	0.008%
3	3.734	277	280	287	rVB	8188	11992	0.28%	0.016%
4	4.934	481	484	491	rBV	18082	20901	0.49%	0.027%
5	4.999	491	495	505	rVB	32805	39354	0.93%	0.051%
6	5.270	526	541	561	rBV2	169752	721401	17.05%	0.939%
7	6.040	668	672	676	rBV2	10944	24051	0.57%	0.031%
8	6.387	727	731	735	rBV2	939484	1454468	34.37%	1.893%
9	6.422	735	737	749	rVV	803503	683962	16.16%	0.890%
10	6.517	749	753	760	rVV	1000997	893651	21.12%	1.163%
11	6.740	787	791	799	rBV	811295	649653	15.35%	0.846%
12	7.005	832	836	854	rBV	1337980	1137069	26.87%	1.480%
13	7.134	854	858	876	rBV	956574	1011648	23.90%	1.317%
14	7.299	883	886	892	rBV	929683	741637	17.52%	0.965%
15	7.346	892	894	903	rVB	9797	10748	0.25%	0.014%
16	7.628	938	942	947	rBV	750901	639213	15.10%	0.832%
17	7.669	947	949	951	rVV	23201	23342	0.55%	0.030%
18	7.687	951	952	957	rVB	20201	11835	0.28%	0.015%
19	7.881	981	985	1006	rBV	970631	1103425	26.07%	1.436%
20	8.022	1006	1009	1012	rBV	1142424	858306	20.28%	1.117%
21	8.087	1017	1020	1027	rVV	580771	549654	12.99%	0.716%
22	8.140	1027	1029	1035	rVB	15613	15248	0.36%	0.020%
23	8.322	1057	1060	1062	rBV	21970	17218	0.41%	0.022%
24	8.675	1116	1120	1124	rBV	732994	606732	14.34%	0.790%
25	8.711	1124	1126	1129	rVV	22539	20012	0.47%	0.026%
26	8.740	1129	1131	1139	rVB	5753	5872	0.14%	0.008%
27	8.805	1139	1142	1155	rBV	35729	67287	1.59%	0.088%
28	9.481	1253	1257	1259	rBV	1862908	1419694	33.55%	1.848%
29	9.505	1259	1261	1264	rVB	61622	49665	1.17%	0.065%
30	9.634	1279	1283	1288	rBV2	2141739	2825723	66.77%	3.678%
31	9.787	1305	1309	1312	rBV	1405267	1101397	26.03%	1.434%
32	9.822	1312	1315	1318	rVB	1388111	1234983	29.18%	1.608%
33	9.881	1322	1325	1328	rBV3	9316	14163	0.33%	0.018%
34	9.916	1328	1331	1341	rBV	401531	520682	12.30%	0.678%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

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-BP100919MA.M
Title : SVOA CALIBRATION

35	9.993	1341	1344	1349	rVV	1605021	1324182	31.29%	1.724%
36	10.040	1349	1352	1356	rVB	1352703	1128983	26.68%	1.470%
37	10.116	1362	1365	1371	rVB7	4753	6568	0.16%	0.009%
38	10.210	1377	1381	1384	rBV	1773315	1444452	34.13%	1.880%
39	10.310	1394	1398	1401	rBV	2686259	2181211	51.54%	2.839%
40	10.340	1401	1403	1406	rVV	1615654	1165517	27.54%	1.517%
41	10.387	1408	1411	1418	rVV	576459	504352	11.92%	0.657%
42	10.452	1418	1422	1425	rVV	2864761	2194015	51.84%	2.856%
43	10.475	1425	1426	1439	rVB	36455	26886	0.64%	0.035%
44	10.605	1445	1448	1453	rBV2	6276	7421	0.18%	0.010%
45	10.734	1468	1470	1473	rVB	10466	8940	0.21%	0.012%
46	10.805	1478	1482	1485	rBV	17379	14957	0.35%	0.019%
47	10.846	1485	1489	1492	rBV	7874	7301	0.17%	0.010%
48	10.887	1492	1496	1499	rBV	1164200	954230	22.55%	1.242%
49	10.934	1499	1504	1507	rBV	3853916	3383587	79.95%	4.405%
50	10.993	1509	1514	1517	rBV	2183372	2167717	51.22%	2.822%
51	11.110	1529	1534	1549	rBV2	3756424	4152742	98.13%	5.406%
52	11.287	1560	1564	1568	rBV	1529269	1214216	28.69%	1.581%
53	11.346	1570	1574	1576	rBV	2689333	2411963	56.99%	3.140%
54	11.363	1576	1577	1589	rVB	1263140	723863	17.10%	0.942%
55	11.640	1618	1624	1626	rBV2	85504	97281	2.30%	0.127%
56	11.657	1626	1627	1630	rVB	21484	17224	0.41%	0.022%
57	11.857	1657	1661	1663	rBV	1602722	1328944	31.40%	1.730%
58	11.887	1663	1666	1669	rVB	3018195	2449130	57.87%	3.188%
59	12.016	1685	1688	1691	rBV	31249	27940	0.66%	0.036%
60	12.052	1691	1694	1697	rVB	40898	36715	0.87%	0.048%
61	12.122	1704	1706	1708	rBV	6604	5976	0.14%	0.008%
62	12.152	1708	1711	1715	rVB	17794	17861	0.42%	0.023%
63	12.263	1727	1730	1733	rBV	10659	8752	0.21%	0.011%
64	12.381	1746	1750	1758	rVB	28719	31105	0.73%	0.040%
65	12.493	1766	1769	1775	rVB	32587	30876	0.73%	0.040%
66	12.652	1793	1796	1799	rVB	26895	21442	0.51%	0.028%
67	12.728	1805	1809	1812	rBV	2976267	2569688	60.72%	3.345%
68	12.834	1822	1827	1835	rBV8	6191	13597	0.32%	0.018%
69	13.104	1870	1873	1882	rBV	62243	61871	1.46%	0.081%
70	13.199	1886	1889	1892	rBV	20562	21265	0.50%	0.028%
71	13.275	1900	1902	1906	rVB4	8732	9615	0.23%	0.013%

LSC Area Percent Report

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Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

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-BP100919MA.M
Title : SVOA CALIBRATION

72	13.375	1915	1919	1922	rBV	2140959	1717695	40.59%	2.236%
73	13.416	1922	1926	1932	rVB	85451	82354	1.95%	0.107%
74	13.475	1932	1936	1939	rBV	3547653	2977094	70.35%	3.875%
75	13.957	2014	2018	2022	rBV	1449351	1327124	31.36%	1.728%
76	14.134	2045	2048	2052	rBV3	9039	8799	0.21%	0.011%
77	14.228	2061	2064	2067	rVB3	6066	5920	0.14%	0.008%
78	14.287	2071	2074	2077	rVB3	12631	11326	0.27%	0.015%
79	14.446	2098	2101	2106	rVB	12284	12480	0.29%	0.016%
80	14.569	2118	2122	2127	rBV	1837390	1749545	41.34%	2.277%
81	14.675	2138	2140	2143	rVB3	6297	5896	0.14%	0.008%
82	14.751	2150	2153	2158	rVB2	29004	32239	0.76%	0.042%
83	14.957	2185	2188	2192	rBV	30016	30202	0.71%	0.039%
84	15.016	2192	2198	2200	rBV	2122069	2782449	65.75%	3.622%
85	15.040	2200	2202	2208	rVV	2329383	2319676	54.81%	3.020%
86	15.093	2208	2211	2218	rVB3	28323	39534	0.93%	0.051%
87	15.157	2219	2222	2226	rBV	20929	23768	0.56%	0.031%
88	15.204	2227	2230	2234	rBV	102008	113183	2.67%	0.147%
89	15.269	2238	2241	2246	rVB	27214	32279	0.76%	0.042%
90	15.351	2249	2255	2257	rBV	1944160	2605126	61.56%	3.391%
91	15.381	2257	2260	2265	rVB	2067591	2274133	53.74%	2.960%
92	15.440	2265	2270	2274	rBV	1143395	1289845	30.48%	1.679%
93	15.522	2281	2284	2295	rVB	36090	53119	1.26%	0.069%
94	15.651	2302	2306	2310	rBV	13845	19624	0.46%	0.026%
95	15.904	2345	2349	2357	rVB	26740	42469	1.00%	0.055%
96	15.993	2360	2364	2367	rBV2	20753	29000	0.69%	0.038%
97	16.116	2380	2385	2390	rBV	47222	71159	1.68%	0.093%
98	16.410	2431	2435	2441	rBV2	20774	35052	0.83%	0.046%
99	16.922	2511	2522	2532	rBV2	2105347	4232042	100.00%	5.509%
100	17.357	2586	2596	2607	rBV	1187553	2590548	61.21%	3.372%

Sum of corrected areas: 76819062

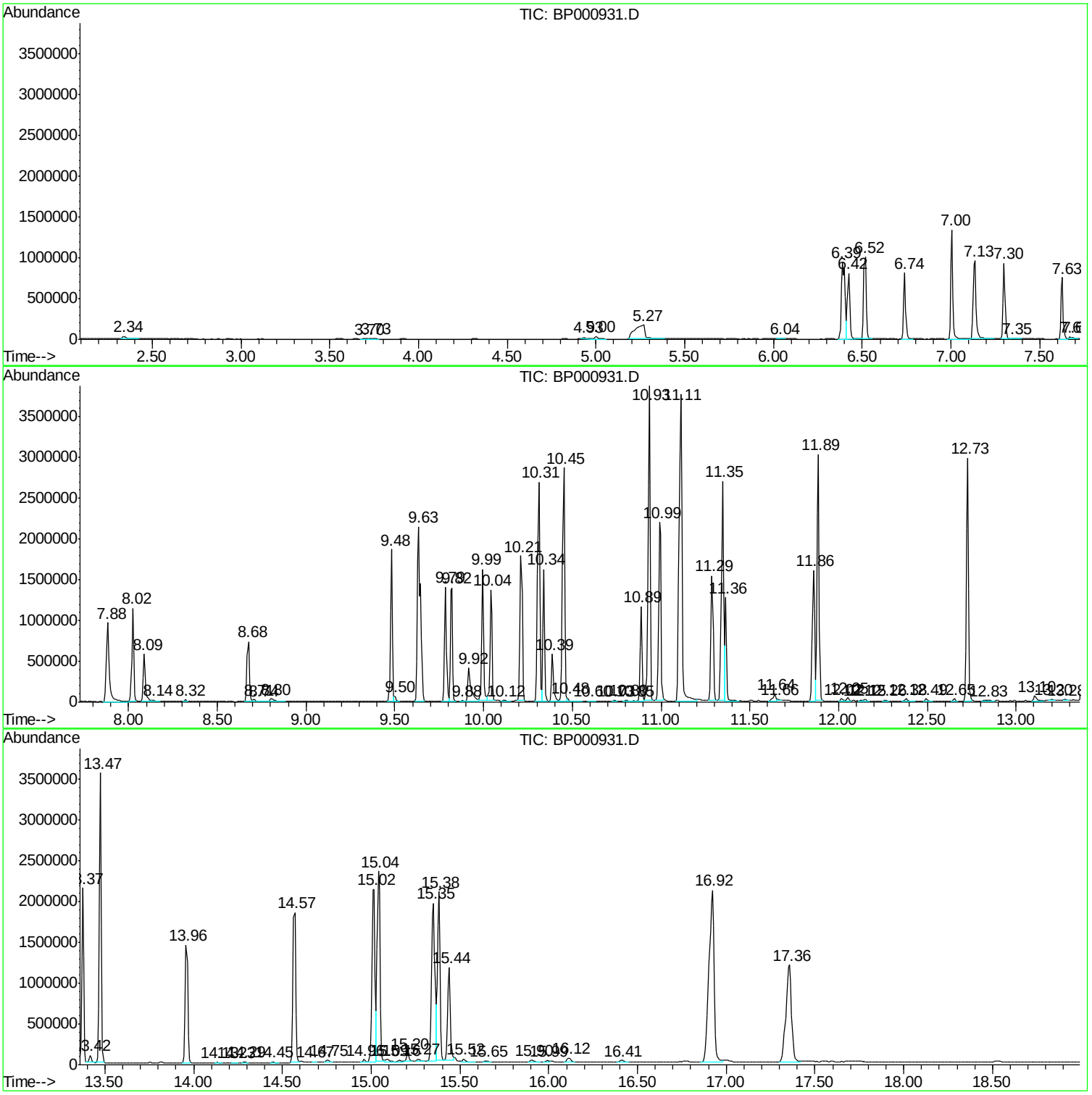
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.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 P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

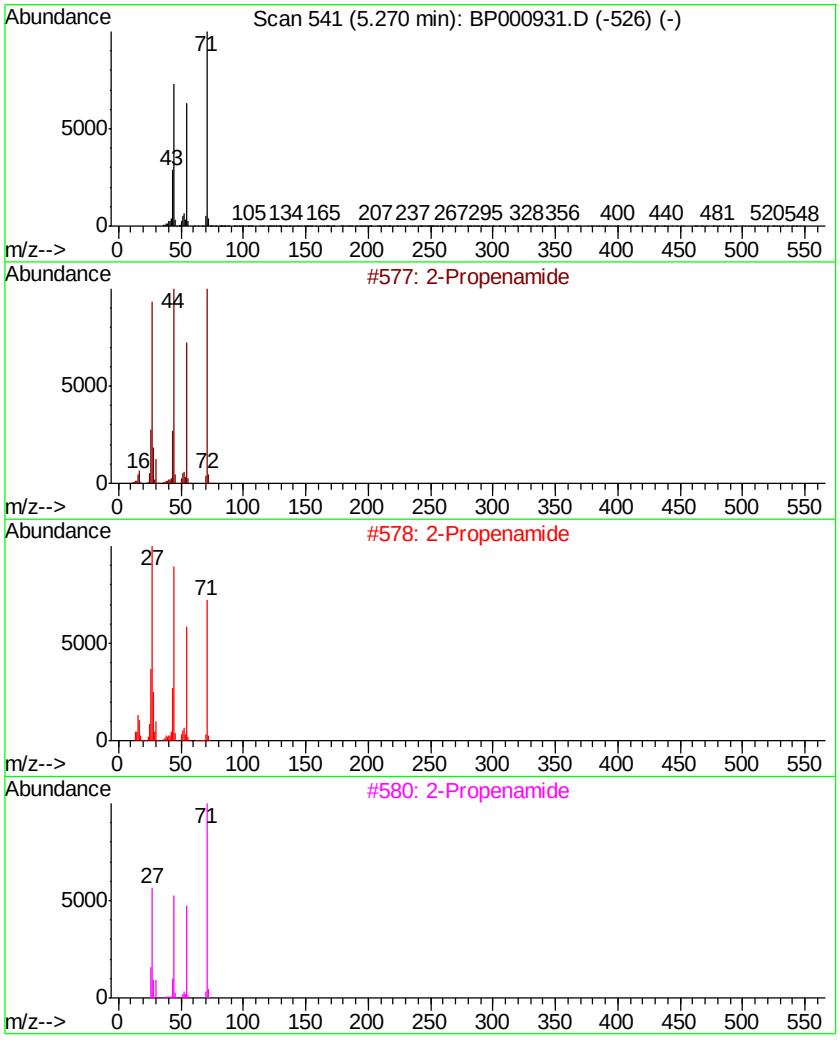
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

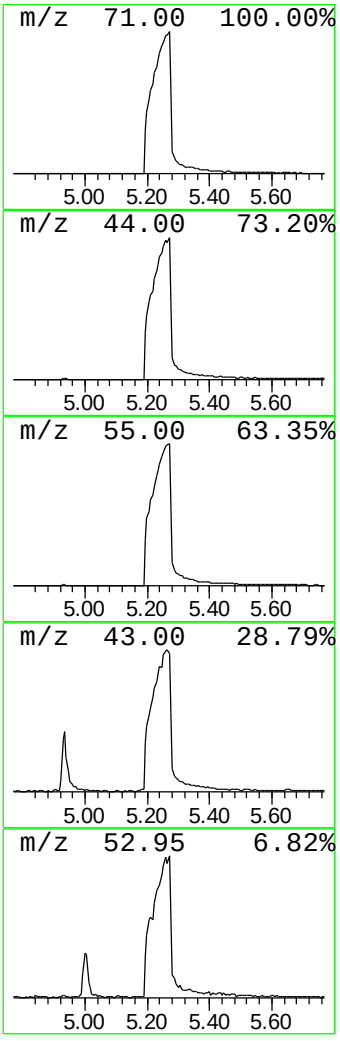
****

Peak Number 1 2-Propenamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	22.21 ng/ul	721401	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide	71	C3H5NO	000079-06-1	90
2	2-Propenamide	71	C3H5NO	000079-06-1	83
3	2-Propenamide	71	C3H5NO	000079-06-1	83
4	2-Propenamide	71	C3H5NO	000079-06-1	64
5	Cyclobutanol	72	C4H8O	002919-23-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

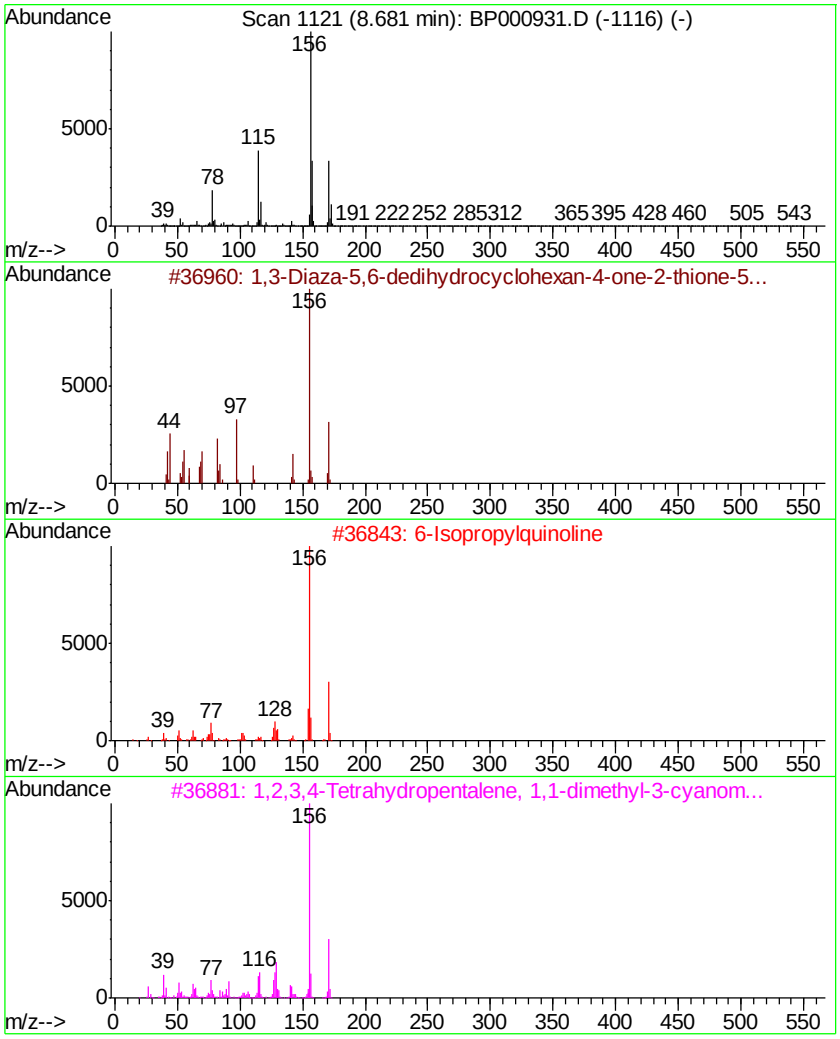
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

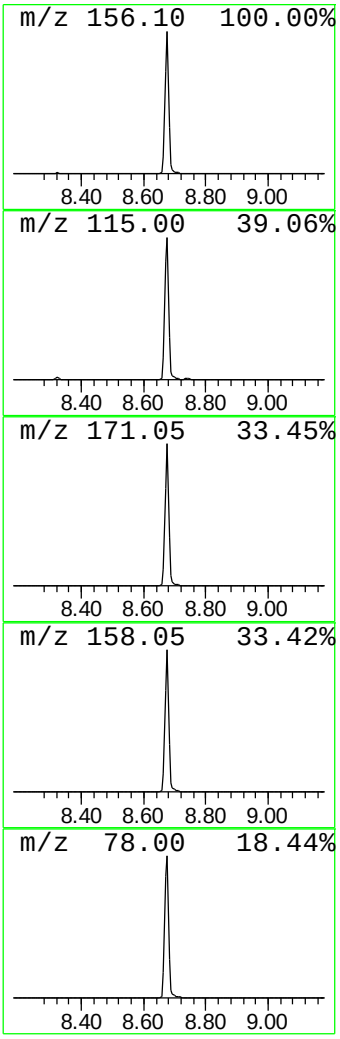
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	14.14 ng/ul	606732	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

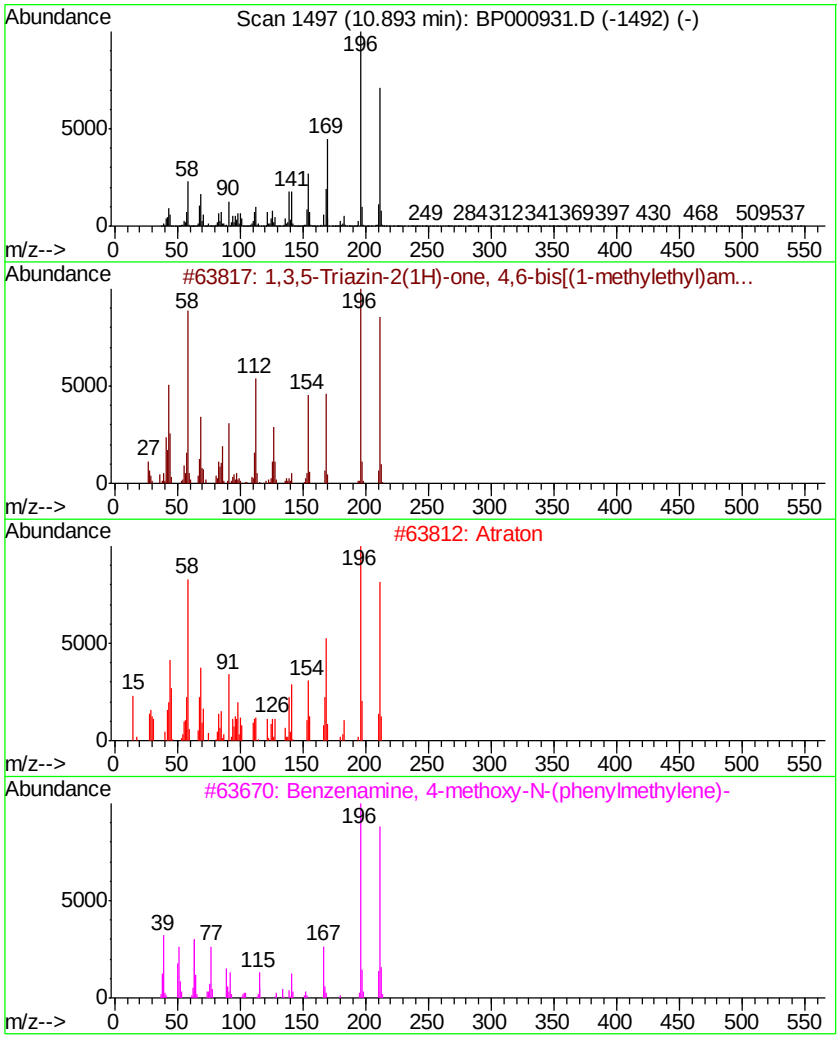
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

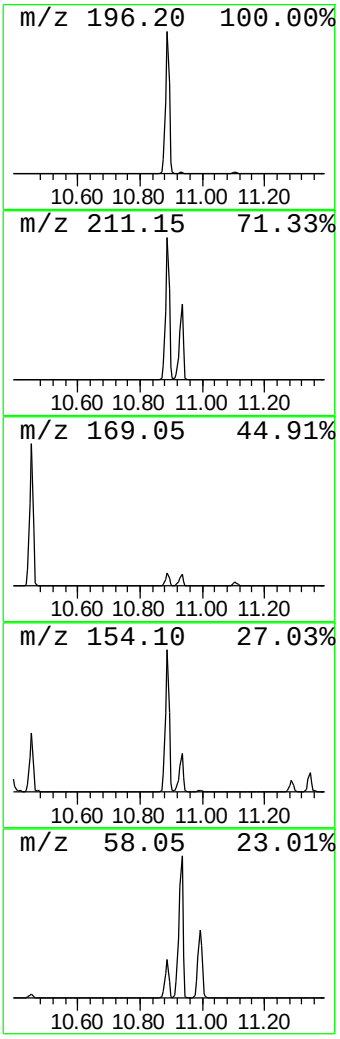
****

Peak Number 3 1,3,5-Triazin-2(1H)-one, 4,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	15.72 ng/ul	954230	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2(1H)-one, 4,6-bis...	211	C9H17N5O	007374-53-0	86
2	Atraton	211	C9H17N5O	001610-17-9	80
3	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	43
4	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	43
5	1-[2-(Methylthio)-5-nitrophenyl]...	211	C9H9NO3S	1000266-40-0	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

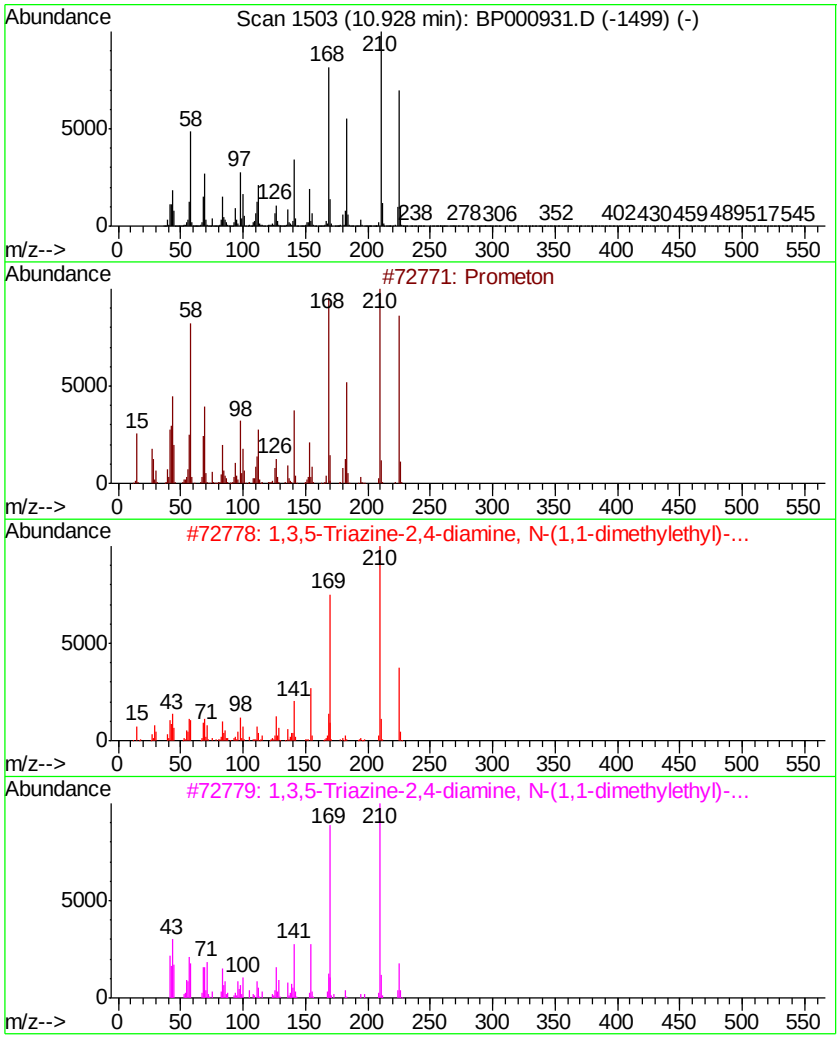
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

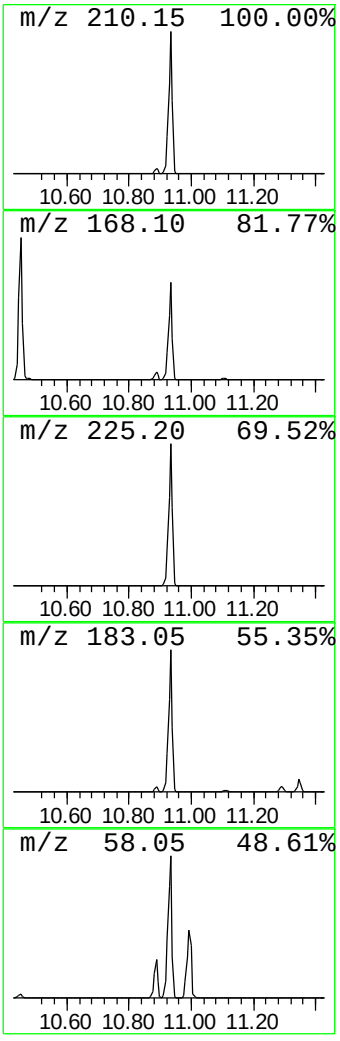
****

Peak Number 4 Prometon Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	55.73 ng/ul	3383590	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prometon	225	C10H19N5O	001610-18-0	98
2	1,3,5-Triazine-2,4-diamine, N-(1...	225	C10H19N5O	033693-04-8	30
3	1,3,5-Triazine-2,4-diamine, N-(1...	225	C10H19N5O	033693-04-8	12
4	Formaldehyde, (2,4-dinitrophenyl...	210	C7H6N4O4	001081-15-8	11
5	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

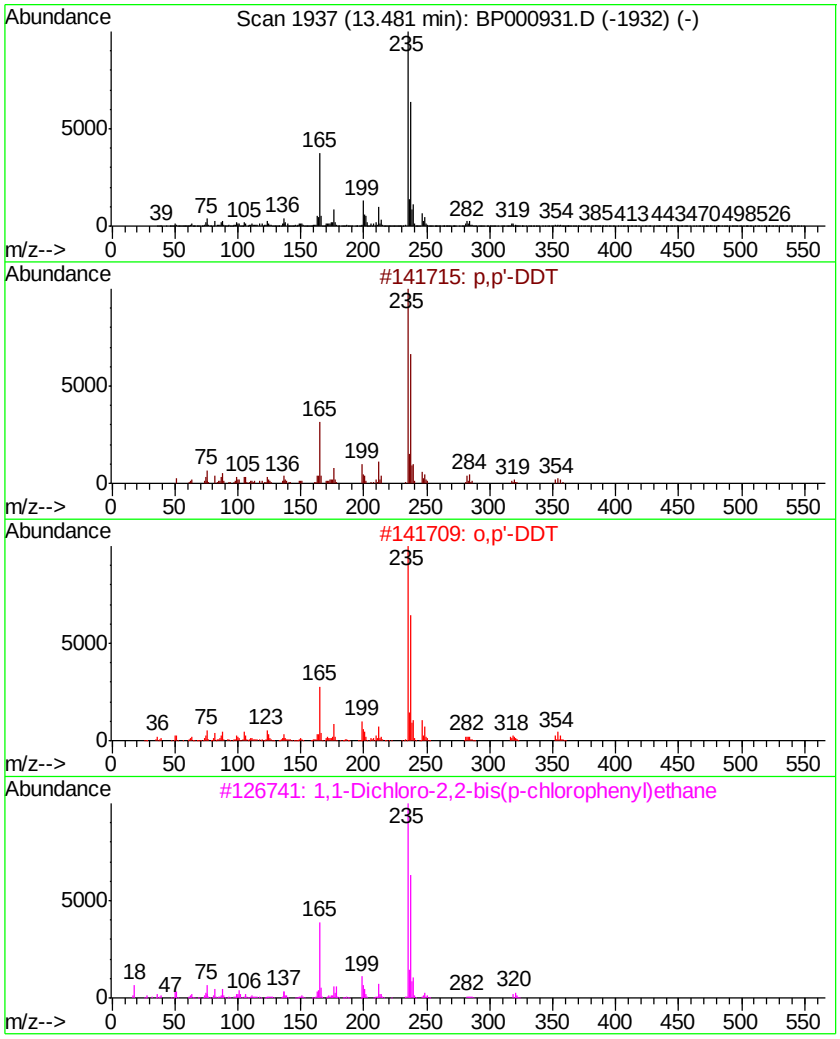
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

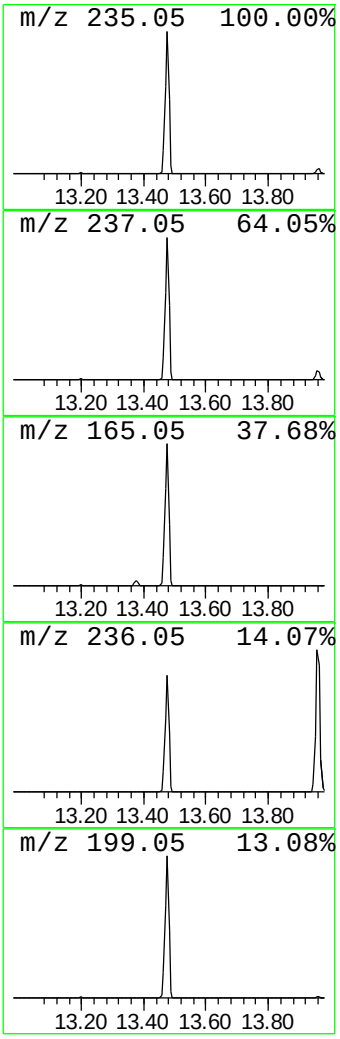
****

Peak Number 5 p,p'-DDT Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	44.87 ng/ul	2977090	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	98
2	o,p'-DDT	352	C14H9Cl5	000789-02-6	97
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	97
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	94
5	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93





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Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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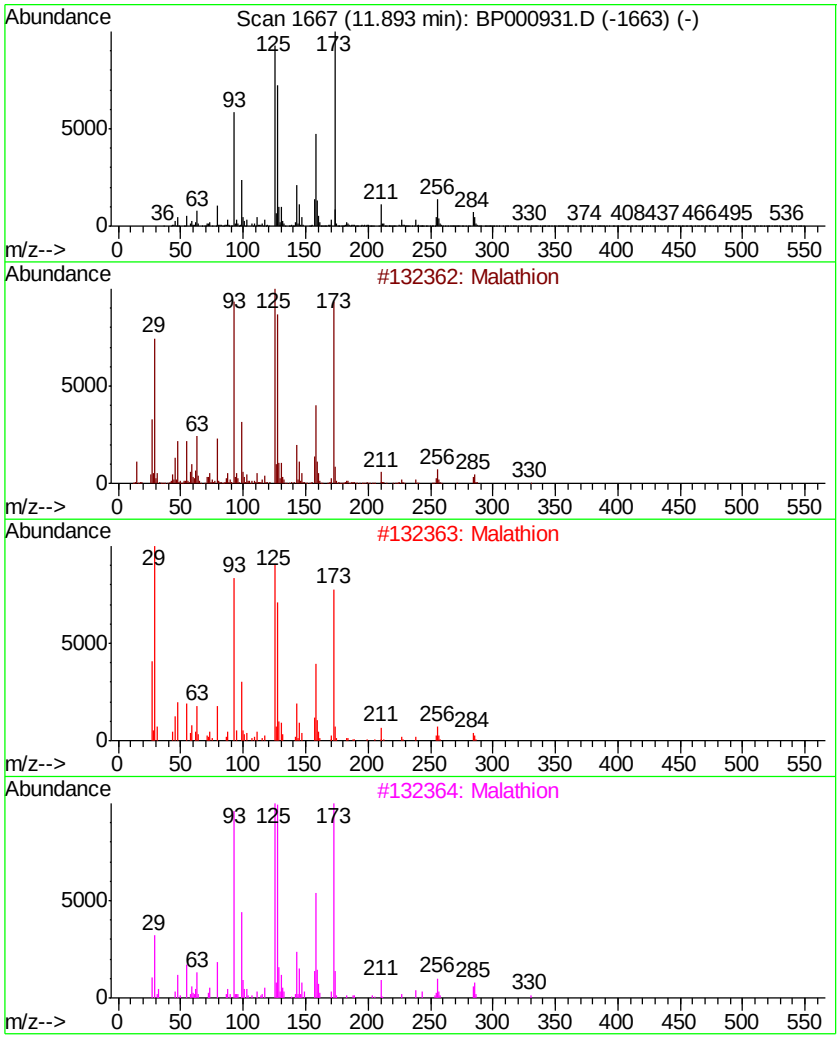
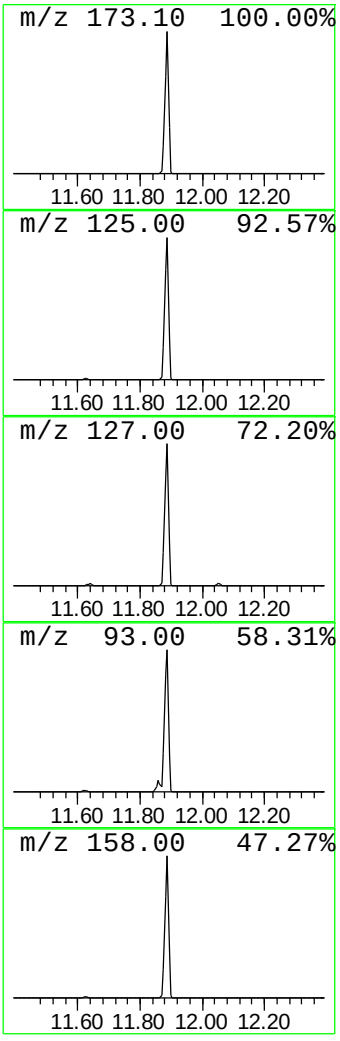
Peak Number 6 Malathion Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	40.34 ng/ul	2449130	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malathion	330	C10H19O6PS2	000121-75-5	98
2	Malathion	330	C10H19O6PS2	000121-75-5	94
3	Malathion	330	C10H19O6PS2	000121-75-5	76
4	Malathion	330	C10H19O6PS2	000121-75-5	62
5	Butanedioic acid, [(dimethoxypho...	302	C8H15O6PS2	001190-29-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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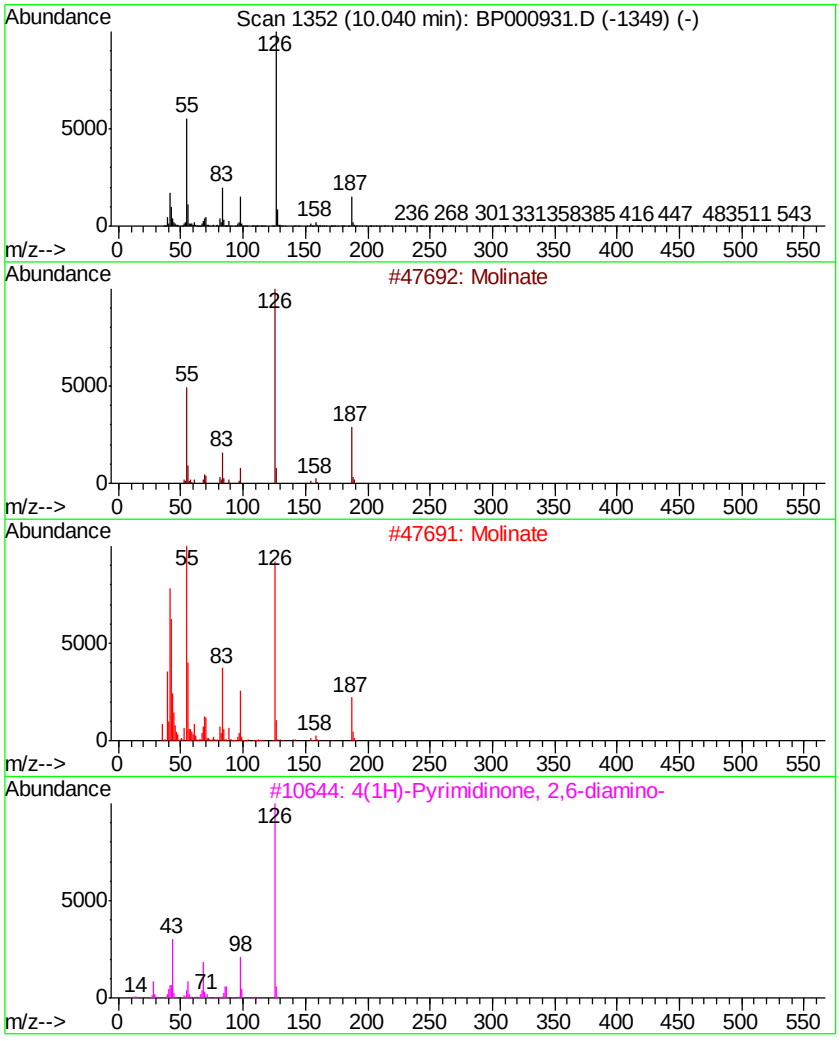
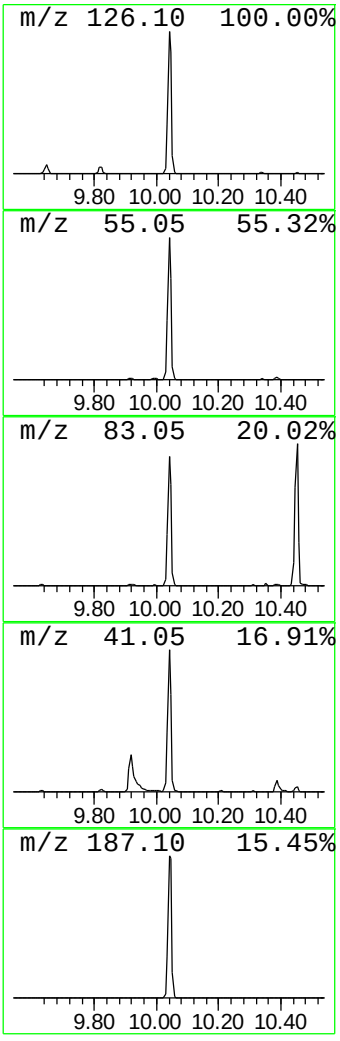
Peak Number 7 Molinate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	20.50 ng/ul	1128980	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molinate	187	C9H17NOS	002212-67-1	95
2	Molinate	187	C9H17NOS	002212-67-1	62
3	4(1H)-Pyrimidinone, 2,6-diamino-	126	C4H6N4O	000056-06-4	59
4	3H-Pyrazol-3-one, 2,4-dihydro-2,...	126	C6H10N2O	017826-82-3	59
5	4,5-Diamino-2-hydroxypyrimidine	126	C4H6N4O	023899-73-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102119\
Data File : BP000931.D
Acq On : 21 Oct 2019 13:12
Operator : JU
Sample : K5308-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : X2J20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.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
2-Propenamide	5.27	22.2	ng/ul	721401	1	6.74	649653	20.0
unknown-01	8.68	14.1	ng/ul	606732	2	8.02	858306	20.0
1,3,5-Triazin-2(1...	10.89	15.7	ng/ul	954230	4	11.29	1214220	20.0
Prometon	10.93	55.7	ng/ul	3383590	4	11.29	1214220	20.0
p,p'-DDT	13.48	44.9	ng/ul	2977090	5	13.96	1327120	20.0
Malathion	11.89	40.3	ng/ul	2449130	4	11.29	1214220	20.0
Molinate	10.04	20.5	ng/ul	1128980	3	9.79	1101400	20.0