LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

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-BM032219MA.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	3.128	21	24	37	rVB2	28770	57967	0.83%	0.048%
2	3.440	74	77	87	rVB5	11295	18557	0.26%	0.015%
3	3.822	140	142	146	rBV	6915	10368	0.15%	0.009%
4	3.858	146	148	153	rVB4	6318	8304	0.12%	0.007%
5	4.122	188	193	194	rBV5	8921	11780	0.17%	0.010%
6	4.728	292	296	297	rBV3	6847	7728	0.11%	0.006%
7	4.752	297	300	310	rVB	37705	64033	0.91%	0.053%
8	4.928	325	330	338	rVB	56528	89954	1.28%	0.074%
9	5.804	476	479	485	rBV3	10413	17565	0.25%	0.014%
10	6.775	637	644	662	rBV	509634	959428	13.69%	0.792%
11	6.940	666	672	690	rBV	390790	682260	9.73%	0.563%
12	7.122	696	703	705	rBV	594766	882037	12.59%	0.728%
13	7.151	705	708	719	rVB	649787	1088072	15.53%	0.898%
14	7.587	776	782	793	rBV	374782	612438	8.74%	0.505%
15	8.169	878	881	890	rVB	59651	84795	1.21%	0.070%
16	8.304	897	904	917	rBV	675133	1164304	16.61%	0.961%
17	8.422	917	924	941	rVB	854679	1386193	19.78%	1.144%
18	8.640	955	961	967	rBV	308917	488988	6.98%	0.404%
19	8.757	974	981	984	rBV	524497	850602	12.14%	0.702%
20	8.798	984	988	998	rVB	925323	1493436	21.31%	1.233%
21	9.040	1022	1029	1043	rBV	1298555	1978277	28.23%	1.633%
22	9.151	1043	1048	1056	rVB5	5299	11909	0.17%	0.010%
23	9.469	1096	1102	1104	rBV	456255	724634	10.34%	0.598%
24	9.498	1104	1107	1128	rVB	636460	1181716	16.86%	0.975%
25	10.004	1186	1193	1195	rBV	627795	1116775	15.93%	0.922%
26	10.316	1239	1246	1249	rBV2	26999	49956	0.71%	0.041%
27	10.369	1249	1255	1259	rVV	568923	953992	13.61%	0.787%
28	10.416	1259	1263	1274	rVB	475481	795555	11.35%	0.657%
29	10.551	1281	1286	1297	rBV2	33606	74776	1.07%	0.062%
30	11.069	1367	1374	1380	rBV	32788	51433	0.73%	0.042%
31	11.681	1471	1478	1495	rBV	1080209	1854813	26.47%	1.531%
32	11.910	1510	1517	1533	rBV	1380625	2402197	34.28%	1.983%
33	12.263	1567	1577	1590	rBV	1721092	2732162	38.98%	2.255%
34	12.416	1596	1603	1611	rVB	556889	869074	12.40%	0.717%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

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-BM032219MA.M
Title : SVOA CALIBRATION

35	12.669	1640	1646	1654	rBV	824656	1274677	18.19%	1.052%
36	12.745	1655	1659	1665	rVB	23407	38418	0.55%	0.032%
37	13.075	1708	1715	1724	rBV	1812116	2650480	37.82%	2.188%
38	13.351	1755	1762	1771	rBV	713735	1125343	16.06%	0.929%
39	13.428	1771	1775	1782	rVB	58621	84460	1.21%	0.070%
40	13.669	1810	1816	1823	rBV	1322248	1817170	25.93%	1.500%
41	13.745	1823	1829	1840	rVV	864197	1256715	17.93%	1.037%
42	13.851	1841	1847	1856	rVV	986007	1388649	19.81%	1.146%
43	13.939	1856	1862	1865	rVV	1542636	2602042	37.13%	2.148%
44	13.969	1865	1867	1875	rVB	2213869	2903939	41.43%	2.397%
45	14.251	1908	1915	1921	rBV2	885526	1323492	18.88%	1.092%
46	14.310	1921	1925	1935	rVB	220617	318898	4.55%	0.263%
47	14.504	1948	1958	1977	rBV3	1176294	2531148	36.12%	2.089%
48	14.651	1977	1983	2001	rVB	2108474	3011820	42.97%	2.486%
49	14.910	2020	2027	2034	rBV	204042	278837	3.98%	0.230%
50	15.086	2051	2057	2064	rVV	2186040	2781513	39.69%	2.296%
51	15.133	2064	2065	2074	rVB5	6005	8916	0.13%	0.007%
52	15.251	2078	2085	2090	rBV	1974821	2747651	39.20%	2.268%
53	15.304	2090	2094	2101	rVV	450384	615160	8.78%	0.508%
54	15.398	2105	2110	2121	rBV	561022	825745	11.78%	0.682%
55	15.492	2121	2126	2127	rVV2	111633	136865	1.95%	0.113%
56	15.527	2127	2132	2147	rVB	2761109	3712730	52.98%	3.064%
57	15.769	2169	2173	2178	rBV2	48860	80976	1.16%	0.067%
58	15.886	2189	2193	2201	rVB	18863	26178	0.37%	0.022%
59	16.039	2216	2219	2223	rVB6	5482	7326	0.10%	0.006%
60	16.116	2227	2232	2236	rBV	14553	20881	0.30%	0.017%
61	16.192	2238	2245	2252	rVB3	20682	37900	0.54%	0.031%
62	16.304	2253	2264	2275	rBV2	1899846	2858859	40.79%	2.360%
63	16.657	2319	2324	2338	rBV	1202800	1706681	24.35%	1.409%
64	17.010	2378	2384	2387	rBV	1187322	1607353	22.93%	1.327%
65	17.051	2387	2391	2396	rVV	2131514	2835818	40.46%	2.341%
66	17.110	2396	2401	2410	rVV	2145539	3022401	43.13%	2.495%
67	17.174	2410	2412	2421	rVB4	9645	17929	0.26%	0.015%
68	17.898	2531	2535	2540	rBV7	7286	12831	0.18%	0.011%
69	17.980	2543	2549	2555	rBV	2385999	2992393	42.70%	2.470%
70	19.051	2727	2731	2737	rBV	21686	31206	0.45%	0.026%
71	19.204	2751	2757	2759	rBV5	8811	16952	0.24%	0.014%

LSC Area Percent Report

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Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

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-BM032219MA.M
Title : SVOA CALIBRATION

72	19.298	2769	2773	2784	rBV2	190974	300166	4.28%	0.248%
73	19.415	2787	2793	2796	rVV	2641359	3761928	53.68%	3.105%
74	19.445	2796	2798	2808	rVB	1342013	1532049	21.86%	1.264%
75	19.651	2829	2833	2842	rBV	288221	387705	5.53%	0.320%
76	19.751	2847	2850	2853	rVV4	9941	13517	0.19%	0.011%
77	19.815	2858	2861	2866	rVB	29447	33527	0.48%	0.028%
78	20.456	2966	2970	2976	rBV	145360	193136	2.76%	0.159%
79	20.639	2994	3001	3005	rBV5	48527	110077	1.57%	0.091%
80	21.203	3091	3097	3109	rBV2	4199963	7008439	100.00%	5.784%
81	21.486	3141	3145	3150	rBV2	138786	187316	2.67%	0.155%
82	21.639	3166	3171	3176	rBV	5386499	5983782	85.38%	4.939%
83	21.756	3186	3191	3201	rBV	850164	1257517	17.94%	1.038%
84	21.992	3227	3231	3237	rVB	2684184	3040994	43.39%	2.510%
85	22.762	3357	3362	3369	rVB	2670892	4198602	59.91%	3.465%
86	23.292	3445	3452	3456	rBV	2387636	4675351	66.71%	3.859%
87	23.333	3456	3459	3466	rVB	1476519	2277044	32.49%	1.879%
88	23.427	3469	3475	3484	rBV	1237587	2331964	33.27%	1.925%
89	25.674	3846	3857	3870	rVB	2535364	6917166	98.70%	5.709%
90	26.344	3962	3971	3982	rVB	1196338	3462571	49.41%	2.858%

Sum of corrected areas: 121159281

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Data File : BM019507.D
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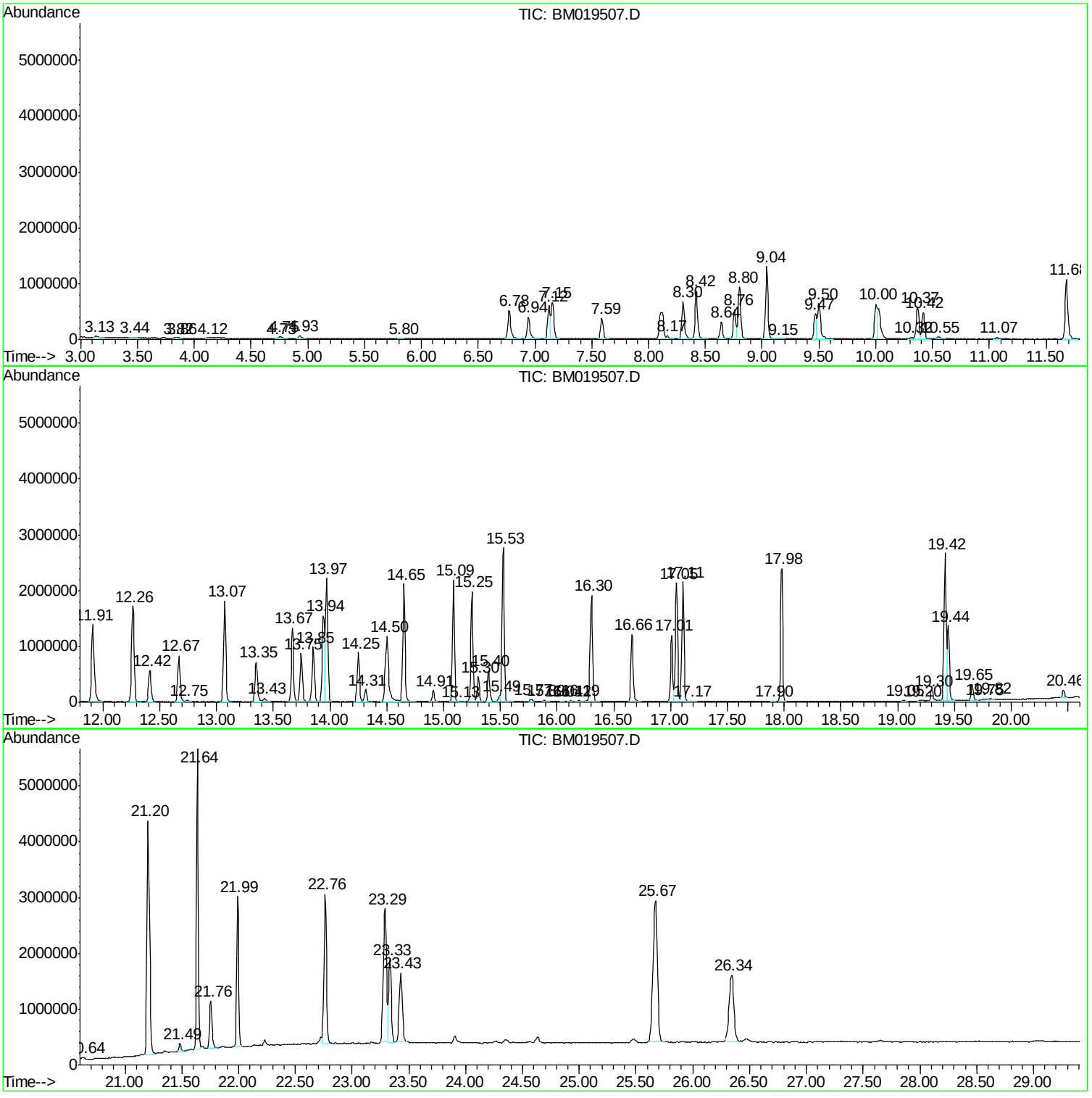
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
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Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

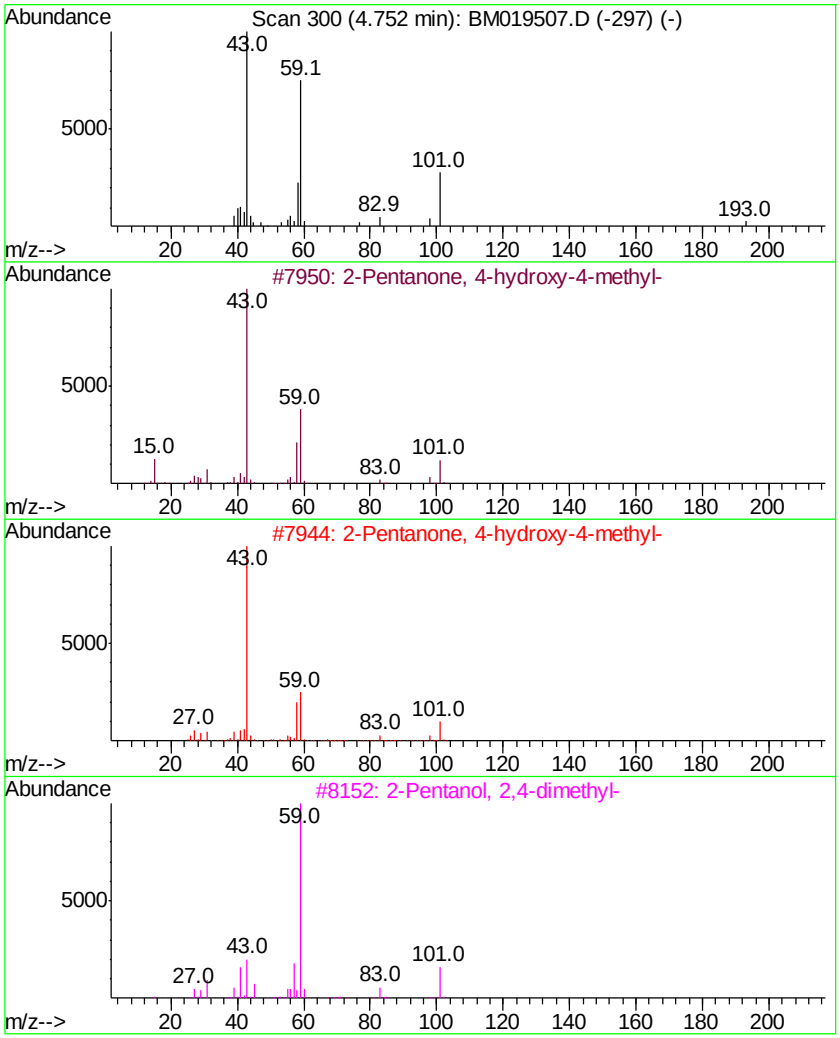
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

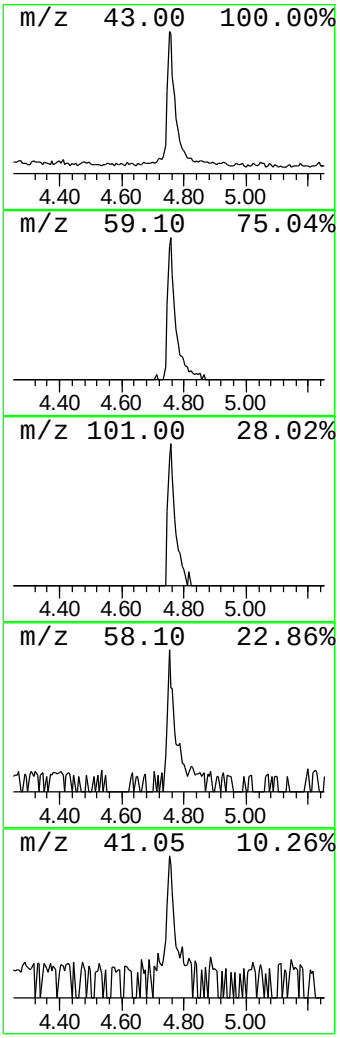
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	2.09 ng/ul	64033	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

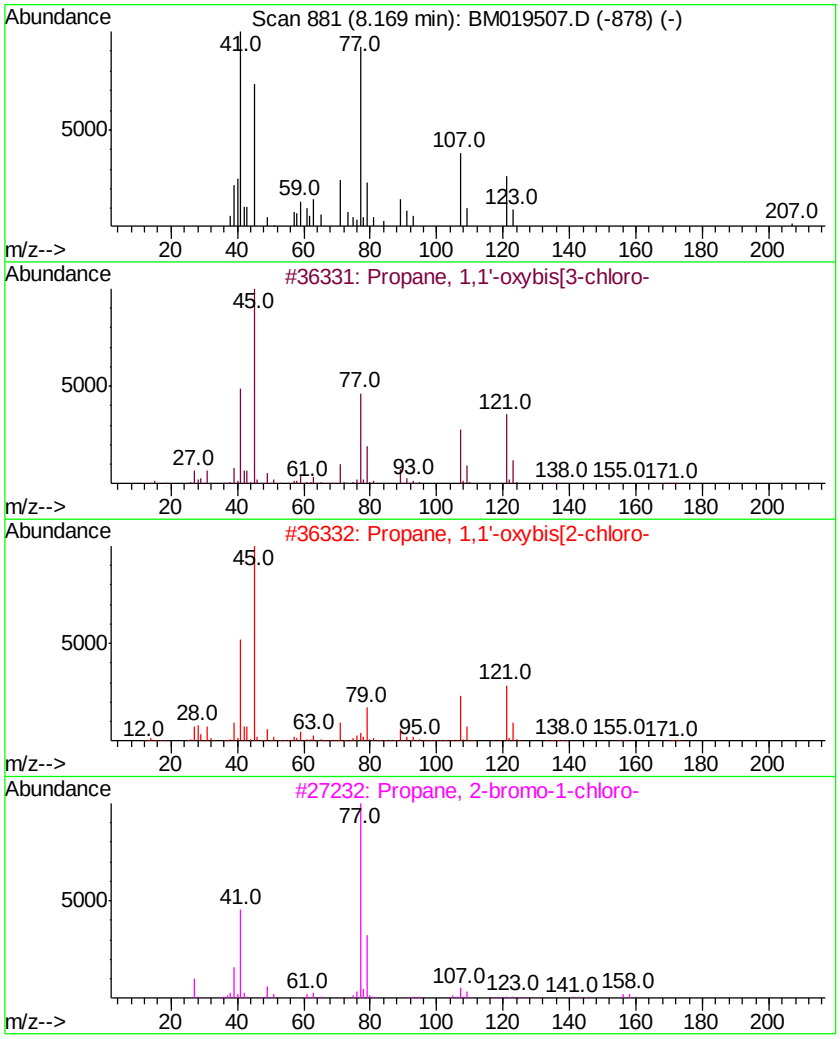
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

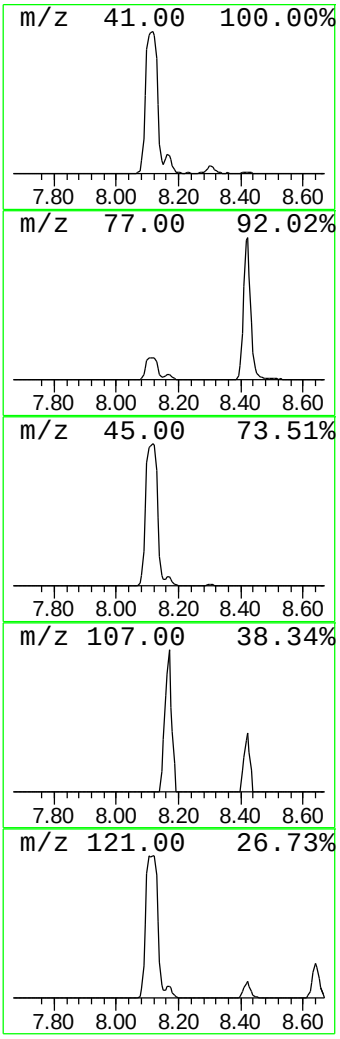
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.77 ng/ul	84795	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-oxybis[3-chloro-	170	C6H12Cl2O	000629-36-7	40
2	Propane, 1,1'-oxybis[2-chloro-	170	C6H12Cl2O	054460-96-7	28
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	10
4	2-Propanone, 1,1,3-trichloro-	160	C3H3Cl3O	000921-03-9	10
5	Methoxyacetic acid, octyl ester	202	C11H22O3	029267-10-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
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Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

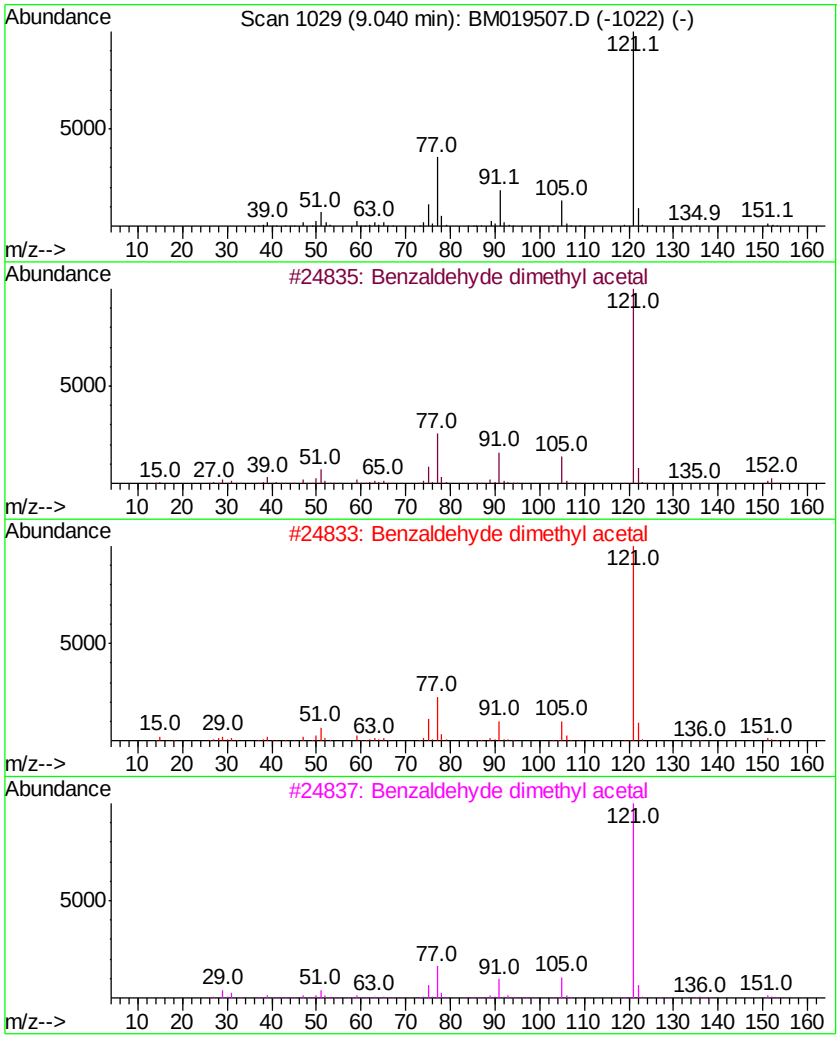
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

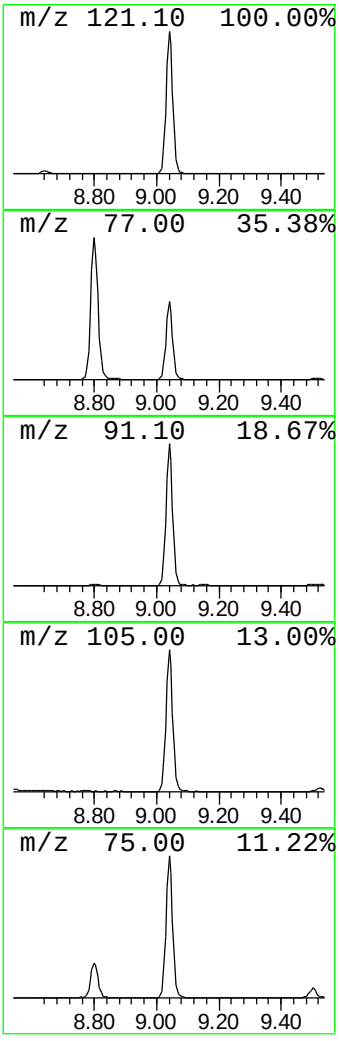
****

Peak Number 4 Benzaldehyde dimethyl acetal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	41.47 ng/ul	1978280	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	87
4	Benzene, (1,2-dimethoxyethyl)-	166	C10H14O2	004013-37-0	72
5	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72





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Data File : BM019507.D
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Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

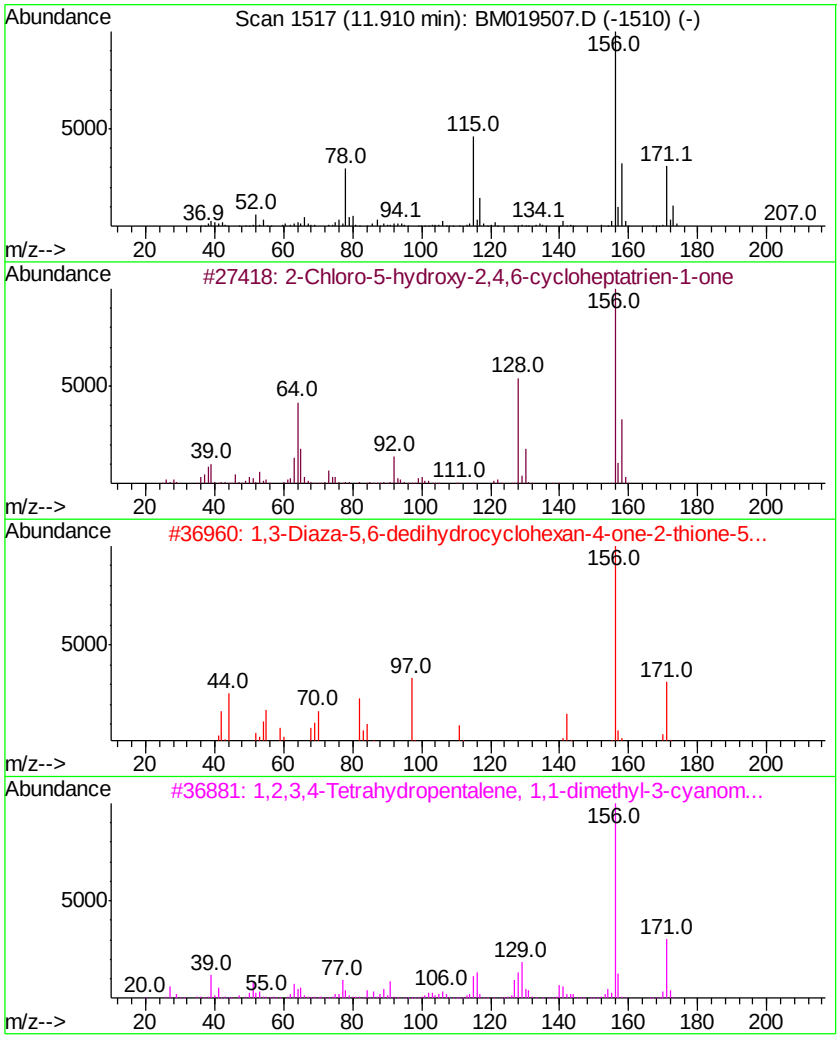
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

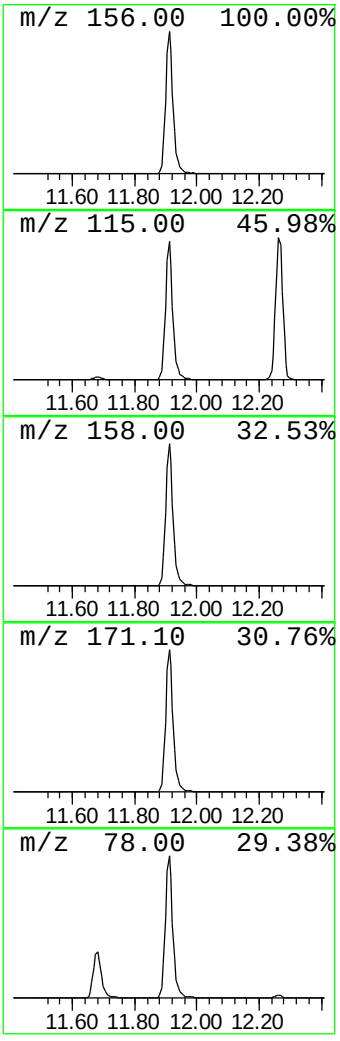
****

Peak Number 5 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	50.36 ng/ul	2402200	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	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	6-Isopropylquinoline	171	C12H13N	000135-79-5	32





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Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

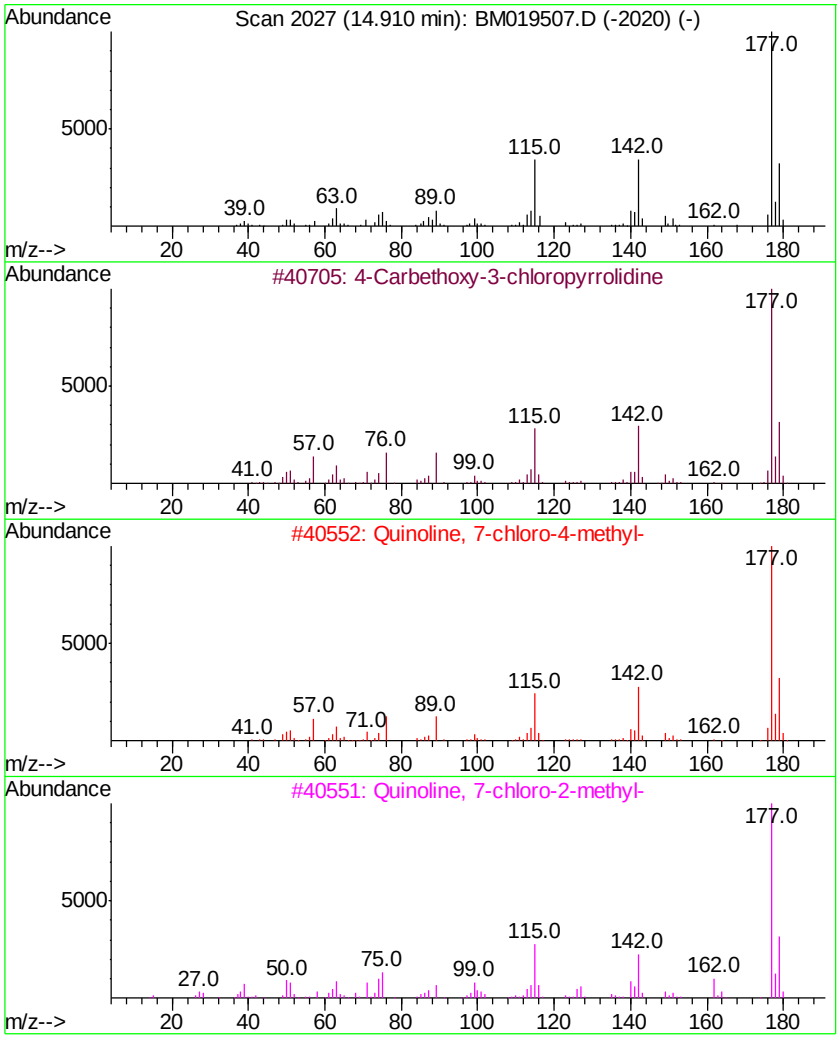
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

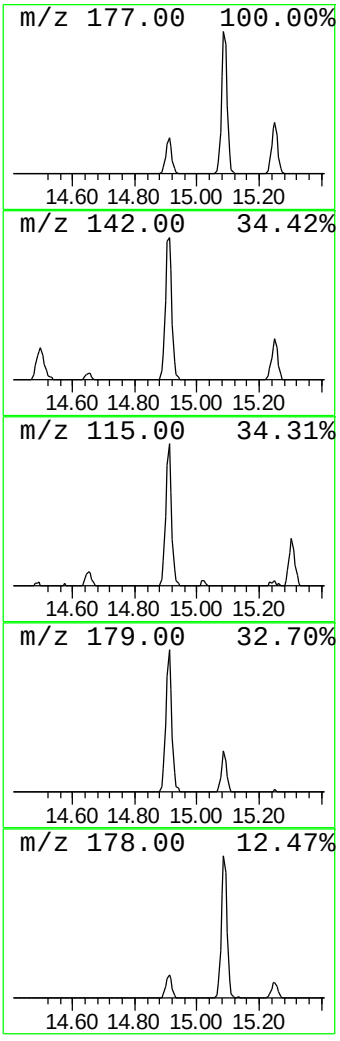
****

Peak Number 6 4-Carbethoxy-3-chloropyrrol... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	4.21 ng/ul	278837	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Carbethoxy-3-chloropyrrolidine	177	C7H12ClNO2	1000255-97-9	94
2	Quinoline, 7-chloro-4-methyl-	177	C10H8ClN	040941-53-5	94
3	Quinoline, 7-chloro-2-methyl-	177	C10H8ClN	004965-33-7	90
4	6-Chloro-2-methylquinoline	177	C10H8ClN	000092-46-6	90
5	Quinoline, 2-chloro-4-methyl-	177	C10H8ClN	000634-47-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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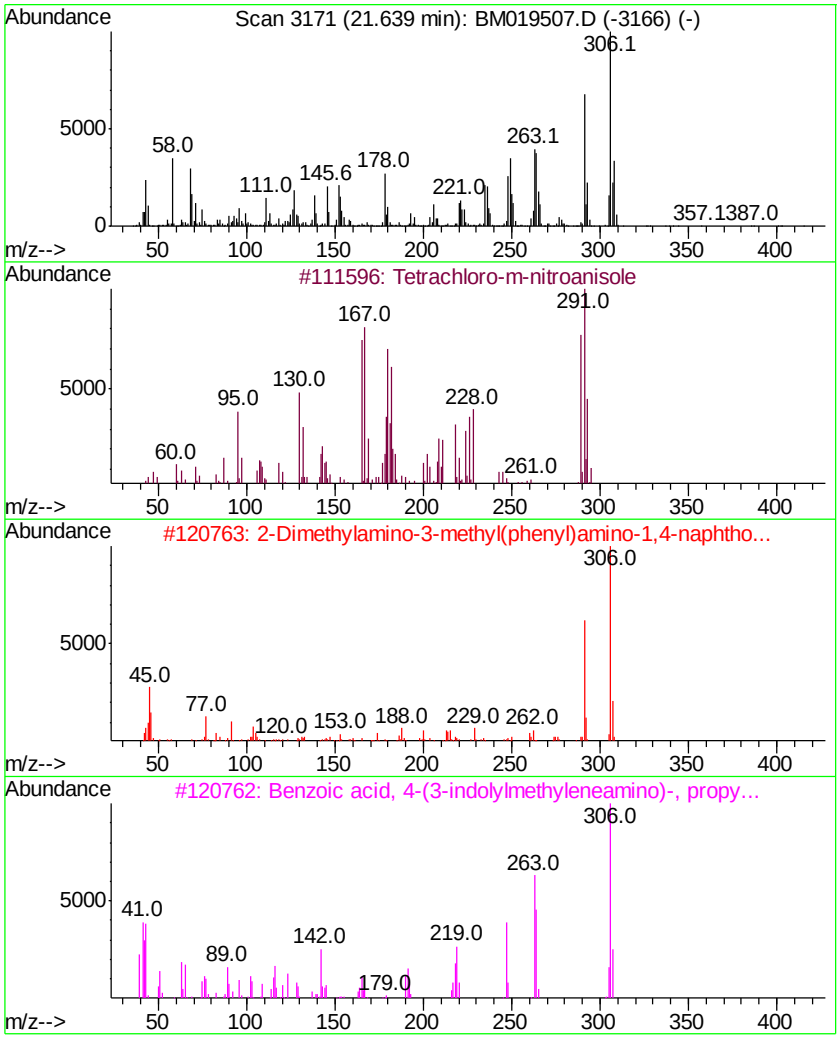
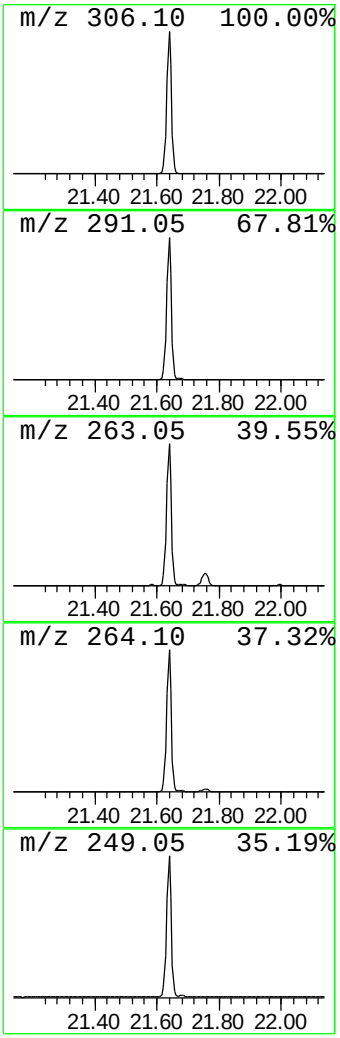
Peak Number 7 Tetrachloro-m-nitroanisole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	17.08 ng/ul	5983780	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloro-m-nitroanisole	289	C7H3Cl4NO3	162627-34-1	90
2	2-Dimethylamino-3-methyl(phenyl)...	306	C19H18N2O2	134614-10-1	46
3	Benzoic acid, 4-(3-indolylmethyl...	306	C19H18N2O2	304669-02-1	43
4	2-Ethylamino-3-methyl(phenyl)ami...	306	C19H18N2O2	134614-16-7	35
5	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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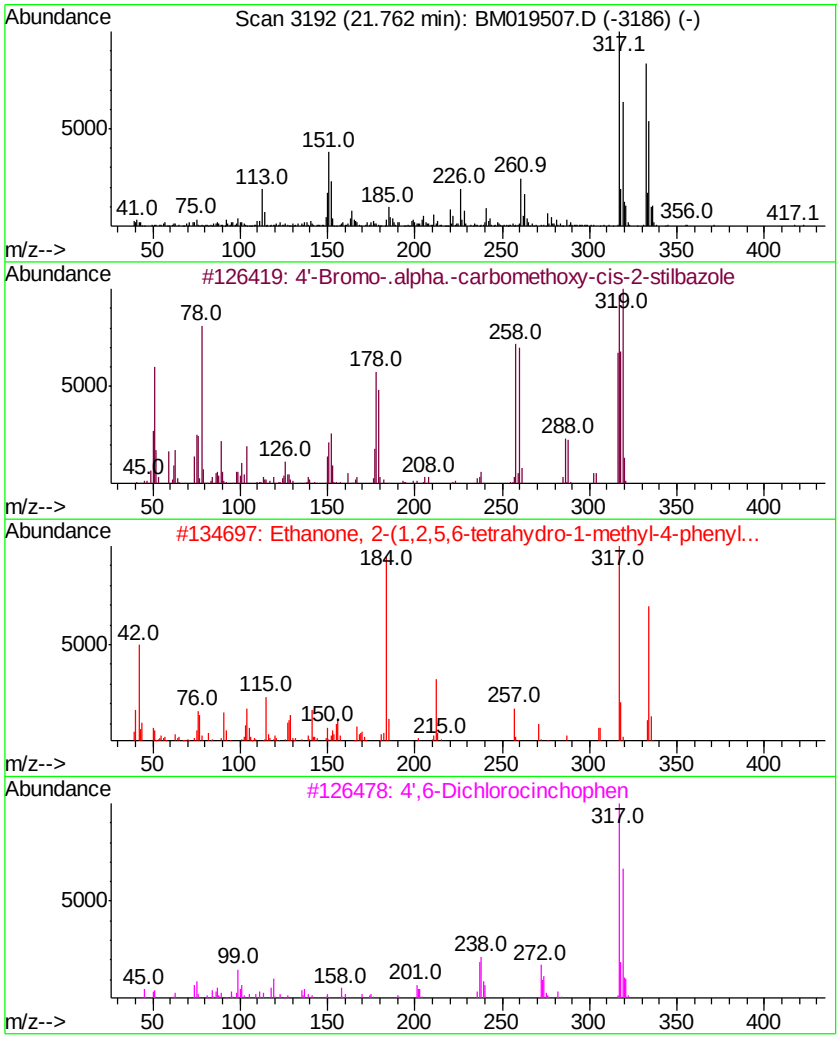
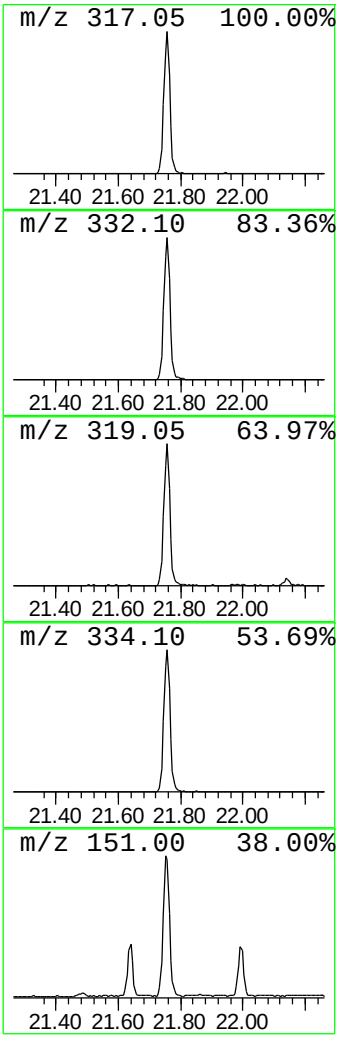
Peak Number 8 4'-Bromo-.alpha.-carbometho... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.59 ng/ul	1257520	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Bromo-.alpha.-carbomethoxy-ci...	317	C15H12BrNO2	1000254-09-4	80
2	Ethanone, 2-(1,2,5,6-tetrahydro-...	334	C20H18N2O3	1000274-04-2	38
3	4',6-Dichlorocinchophen	317	C16H9Cl2NO2	126088-20-8	38
4	1,4,10,13-Tetraazacyclooctadeca-...	332	C18H28N4O2	057100-46-6	35
5	2-(5-tert-Butyl-benzo[1,3]oxathi...	332	C15H15F3O3S	1000276-07-5	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019507.D
Acq On : 27 Mar 2019 16:28
Operator : JU/SJ
Sample : K2063-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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-Pentanone, 4-hy...	4.75	2.1	ng/ul	64033	1	7.59	612438	20.0
unknown-01	8.17	2.8	ng/ul	84795	1	7.59	612438	20.0
Benzaldehyde dime...	9.04	41.5	ng/ul	1978280	2	10.37	953992	20.0
unknown-02	11.91	50.4	ng/ul	2402200	2	10.37	953992	20.0
4-Carbethoxy-3-ch...	14.91	4.2	ng/ul	278837	3	14.25	1323490	20.0
Tetrachloro-m-nit...	21.64	17.1	ng/ul	5983780	5	21.22	7008440	20.0
4'-Bromo-.alpha.-...	21.76	3.6	ng/ul	1257520	5	21.22	7008440	20.0