LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

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_G\METHODS\SOM-EPA-BG080319MA.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	3.158	7	12	34	rVB	1375467	2232728	92.19%	8.229%
2	3.422	53	57	63	rBV	13418	19162	0.79%	0.071%
3	3.951	144	147	151	rBV5	3020	3329	0.14%	0.012%
4	4.086	166	170	174	rBV2	9166	15560	0.64%	0.057%
5	4.180	184	186	193	rVB4	4759	8316	0.34%	0.031%
6	5.109	338	344	348	rBV6	3941	7075	0.29%	0.026%
7	5.203	357	360	366	rVB5	2069	4048	0.17%	0.015%
8	6.595	590	597	598	rBV6	2014	2656	0.11%	0.010%
9	7.183	689	697	709	rBV	291429	548711	22.66%	2.022%
10	7.353	719	726	743	rBV	211388	381287	15.74%	1.405%
11	7.565	754	762	772	rBV	300267	566740	23.40%	2.089%
12	7.659	776	778	784	rVB6	1942	3456	0.14%	0.013%
13	8.035	835	842	851	rBV	236820	420982	17.38%	1.552%
14	8.099	851	853	858	rVB4	3487	4845	0.20%	0.018%
15	8.740	954	962	978	rBV	372112	703144	29.03%	2.591%
16	9.198	1032	1040	1048	rBV	292673	537193	22.18%	1.980%
17	9.368	1065	1069	1075	rBV5	2197	3664	0.15%	0.014%
18	9.927	1157	1164	1179	rBV	250437	473740	19.56%	1.746%
19	10.285	1219	1225	1231	rVB6	1439	3820	0.16%	0.014%
20	10.473	1250	1257	1275	rBV	414023	789430	32.60%	2.909%
21	10.861	1313	1323	1334	rBV	343626	628490	25.95%	2.316%
22	10.984	1337	1344	1359	rVV	353468	689236	28.46%	2.540%
23	11.366	1406	1409	1416	rVB5	1734	2673	0.11%	0.010%
24	11.537	1435	1438	1442	rBV4	1708	2628	0.11%	0.010%
25	11.713	1462	1468	1470	rBV4	1918	2482	0.10%	0.009%
26	11.901	1495	1500	1503	rBV2	4482	5031	0.21%	0.019%
27	12.195	1548	1550	1552	rVV2	3178	2891	0.12%	0.011%
28	12.383	1579	1582	1586	rVB4	2889	4253	0.18%	0.016%
29	12.453	1589	1594	1598	rVB3	5730	9601	0.40%	0.035%
30	13.058	1695	1697	1702	rVB3	2841	4096	0.17%	0.015%
31	13.240	1724	1728	1734	rVB5	7583	12125	0.50%	0.045%
32	13.299	1734	1738	1746	rVV4	4105	8026	0.33%	0.030%
33	13.522	1766	1776	1777	rBV5	3386	8025	0.33%	0.030%
34	13.593	1784	1788	1789	rBV4	2256	3347	0.14%	0.012%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	14.010	1857	1859	1861	rBV3	3781	3543	0.15%	0.013%
36	14.092	1866	1873	1877	rBV	763974	1152910	47.60%	4.249%
37	14.139	1877	1881	1886	rVB	270286	400566	16.54%	1.476%
38	14.292	1906	1907	1912	rBV4	2749	3046	0.13%	0.011%
39	14.386	1916	1923	1931	rBV2	912188	1477992	61.03%	5.447%
40	14.533	1944	1948	1954	rVB6	9080	14002	0.58%	0.052%
41	14.592	1954	1958	1960	rBV4	2937	3499	0.14%	0.013%
42	14.692	1968	1975	1988	rBV	562638	933995	38.57%	3.442%
43	14.803	1990	1994	1997	rBV4	2886	4375	0.18%	0.016%
44	14.874	2001	2006	2020	rVV	136599	272591	11.26%	1.005%
45	14.968	2020	2022	2027	rVV5	5449	9379	0.39%	0.035%
46	15.021	2027	2031	2034	rVV6	3797	6257	0.26%	0.023%
47	15.050	2034	2036	2039	rVV3	3682	5053	0.21%	0.019%
48	15.103	2041	2045	2050	rVV6	20350	33663	1.39%	0.124%
49	15.168	2054	2056	2060	rVV5	3752	4720	0.19%	0.017%
50	15.220	2060	2065	2072	rVV6	7260	13106	0.54%	0.048%
51	15.314	2079	2081	2084	rBV3	2566	3089	0.13%	0.011%
52	15.367	2086	2090	2093	rVB6	3970	5825	0.24%	0.021%
53	15.420	2096	2099	2101	rBV4	4638	4608	0.19%	0.017%
54	15.491	2106	2111	2117	rBV6	15172	22928	0.95%	0.085%
55	15.591	2126	2128	2133	rBV5	3596	5002	0.21%	0.018%
56	15.690	2137	2145	2151	rBV	1209201	1913030	78.99%	7.051%
57	15.796	2158	2163	2172	rBV	88794	154068	6.36%	0.568%
58	15.931	2178	2186	2187	rBV6	20278	33110	1.37%	0.122%
59	16.337	2253	2255	2257	rBV3	6158	5930	0.24%	0.022%
60	16.366	2257	2260	2261	rBV2	9538	7166	0.30%	0.026%
61	16.437	2265	2272	2277	rBV2	57931	104157	4.30%	0.384%
62	17.259	2409	2412	2419	rVB2	42945	68095	2.81%	0.251%
63	17.447	2438	2444	2454	rBV	705842	1106791	45.70%	4.079%
64	17.547	2454	2461	2469	rVB	1252814	1977783	81.66%	7.289%
65	18.240	2574	2579	2584	rBV	403211	544455	22.48%	2.007%
66	18.517	2623	2626	2631	rVB3	69076	87476	3.61%	0.322%
67	18.757	2662	2667	2671	rVB	203914	275541	11.38%	1.016%
68	18.834	2676	2680	2686	rVB	271093	363657	15.02%	1.340%
69	19.063	2716	2719	2723	rVB4	51094	60417	2.49%	0.223%
70	19.286	2753	2757	2762	rVB	182455	242098	10.00%	0.892%
71	19.639	2814	2817	2822	rVB2	92223	115068	4.75%	0.424%

LSC Area Percent Report

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Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	19.833	2845	2850	2859	rBV	1607985	2322099	95.88%	8.558%
73	20.085	2890	2893	2899	rVB	107439	134797	5.57%	0.497%
74	20.350	2935	2938	2941	rVB4	58005	65018	2.68%	0.240%
75	20.397	2943	2946	2949	rVB	60194	66208	2.73%	0.244%
76	21.625	3152	3155	3161	rVB2	65714	91711	3.79%	0.338%
77	21.730	3167	3173	3186	rVB	728830	1296919	53.55%	4.780%
78	24.780	3683	3692	3709	rVB	843788	2421844	100.00%	8.926%
79	25.003	3721	3730	3739	rBV	426897	1182624	48.83%	4.359%

Sum of corrected areas: 27133001

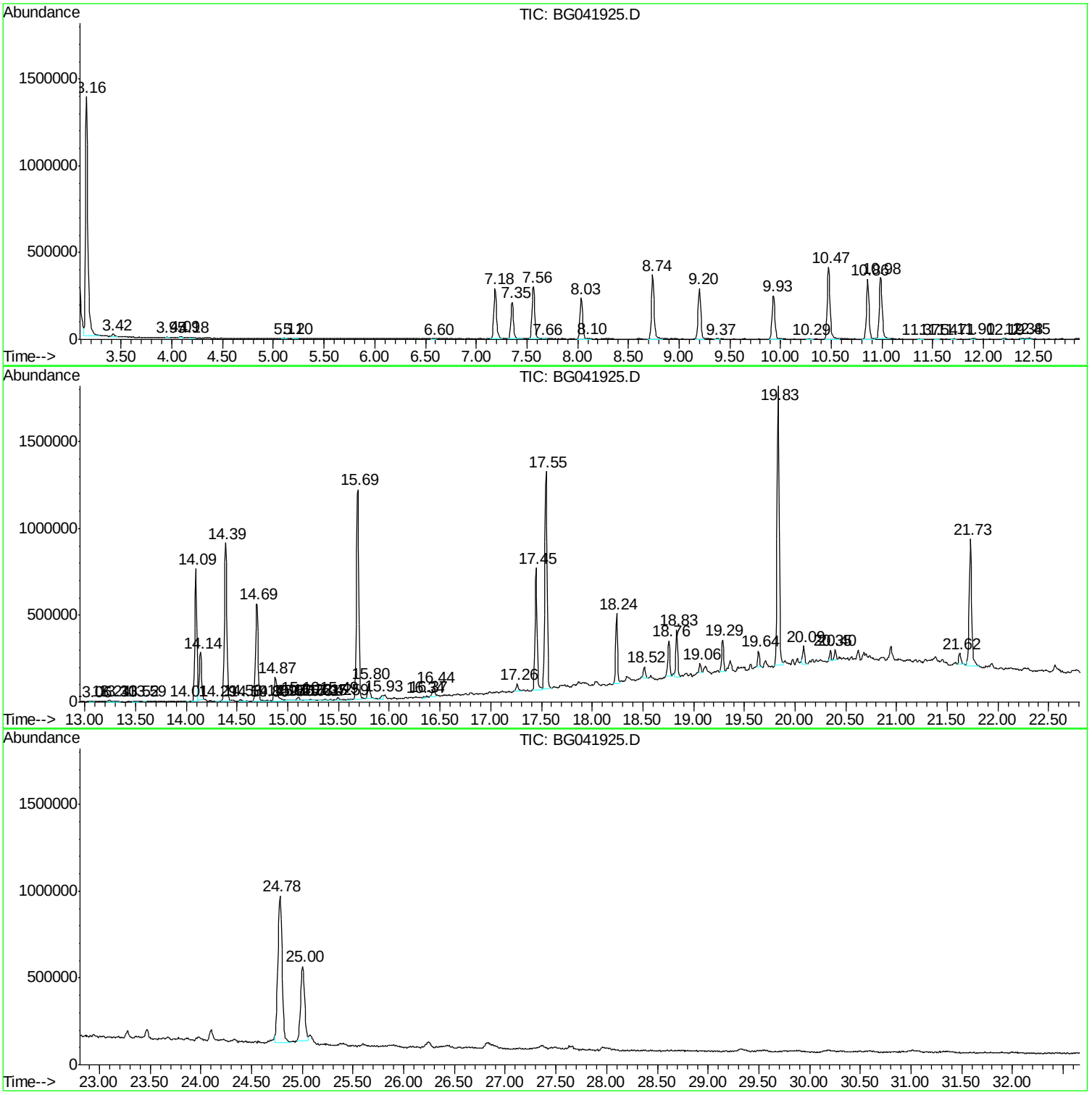
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

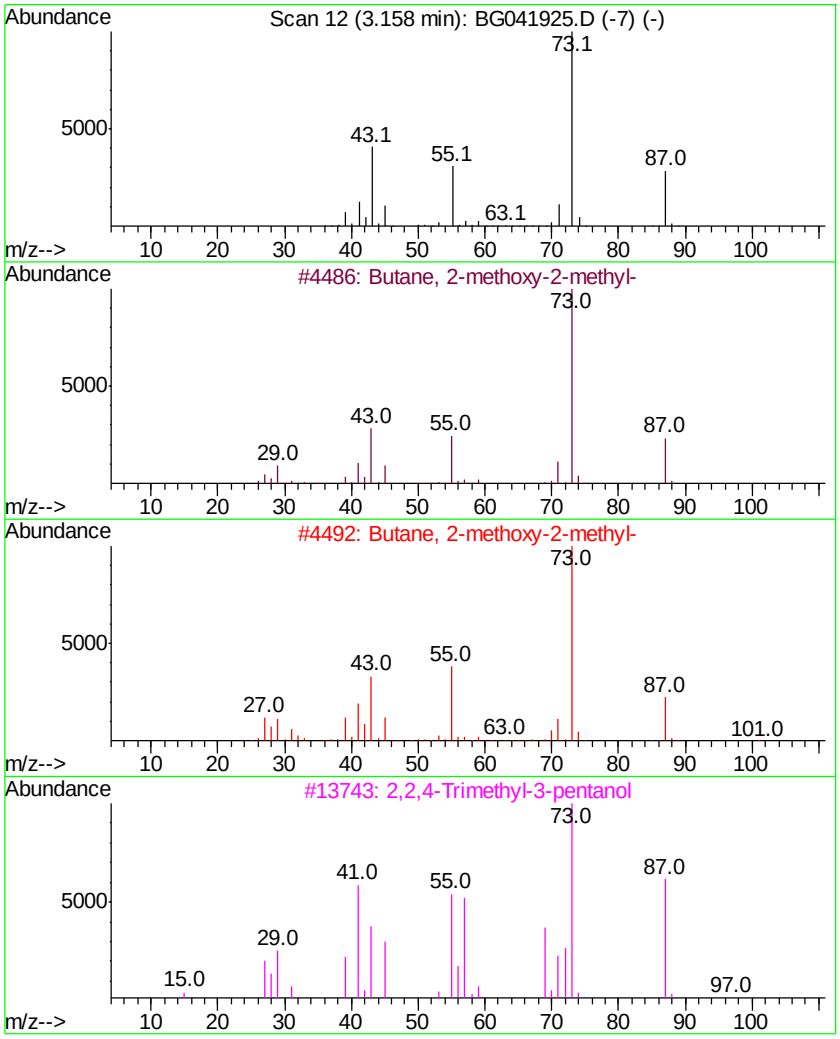
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

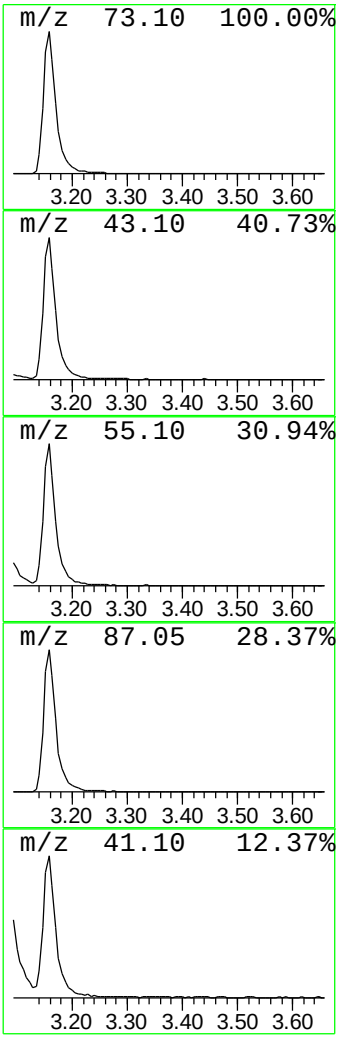
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	106.07 ng/ul	2232730	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

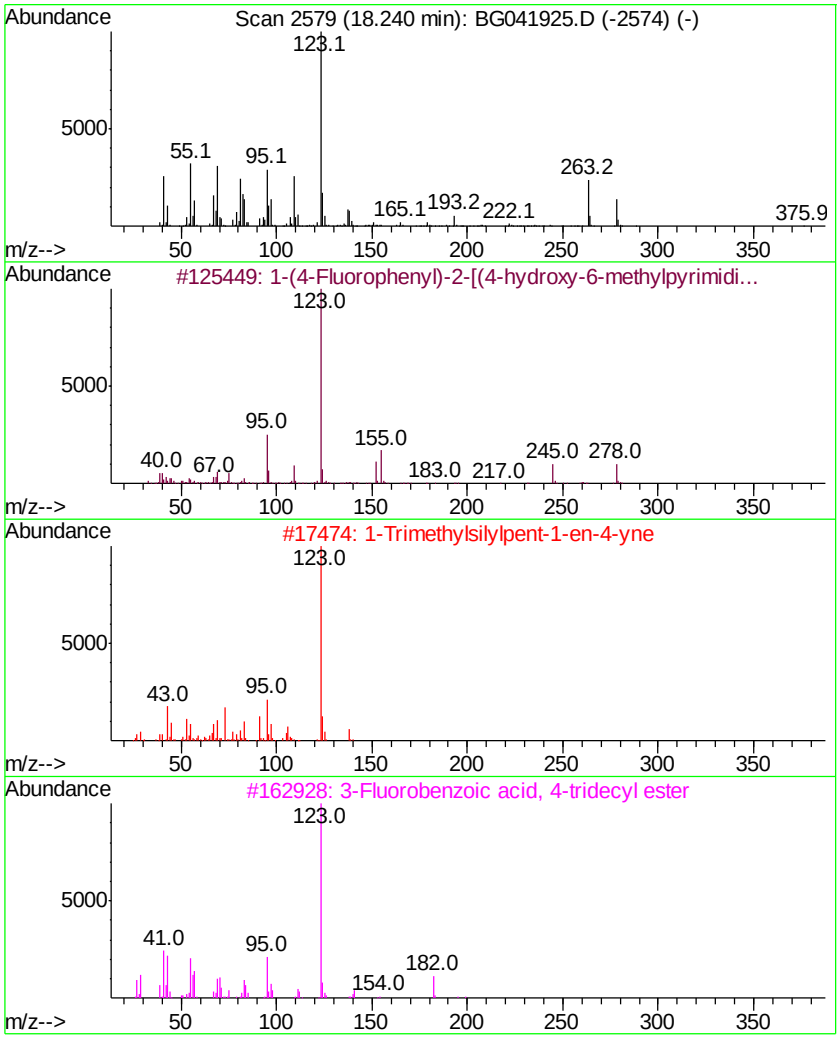
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

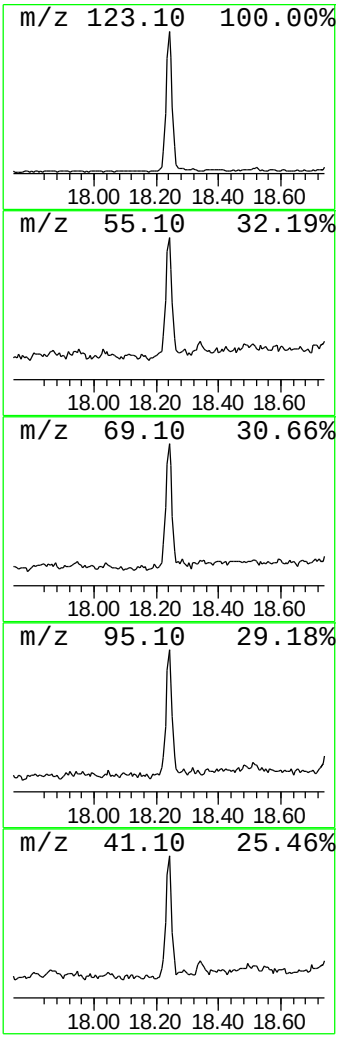
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-(4-Fluorophenyl)-2-[(4-hy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	9.84 ng/ul	544455	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Fluorophenyl)-2-[(4-hydroxy...	278	C13H11FN2O2S	119730-11-9	58
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	52
3	3-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-60-4	50
4	2-Fluorobenzoic acid, 6-ethyl-2-...	280	C17H25FO2	1000278-96-7	47
5	2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

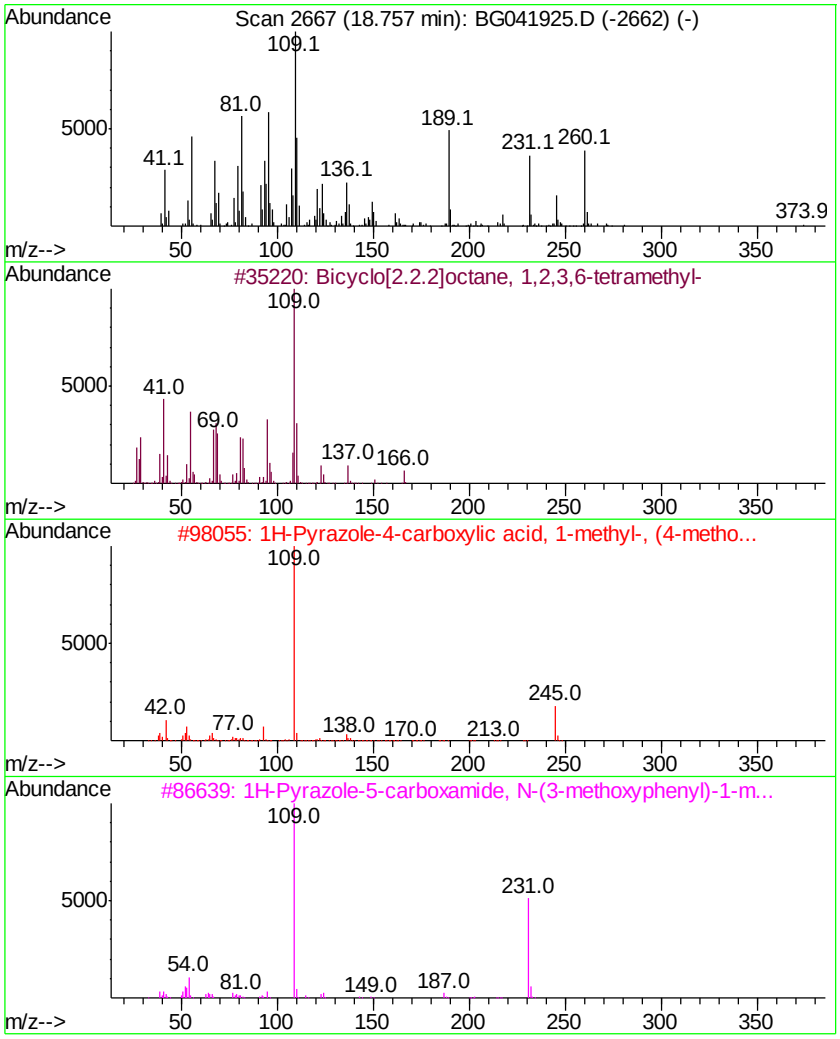
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

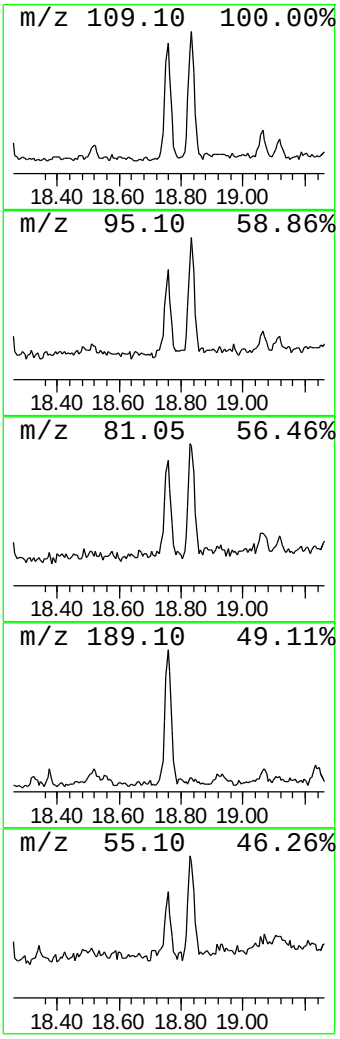
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	4.98 ng/ul	275541	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	35
2	1H-Pyrazole-4-carboxylic acid, 1...	245	C13H15N3O2	1000304-51-2	14
3	1H-Pyrazole-5-carboxamide, N-(3-...	231	C12H13N3O2	1000319-53-5	14
4	Pyrazole-3-carboxamide, N-(4-met...	231	C12H13N3O2	347383-22-6	14
5	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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Quant Title : SVOA CALIBRATION

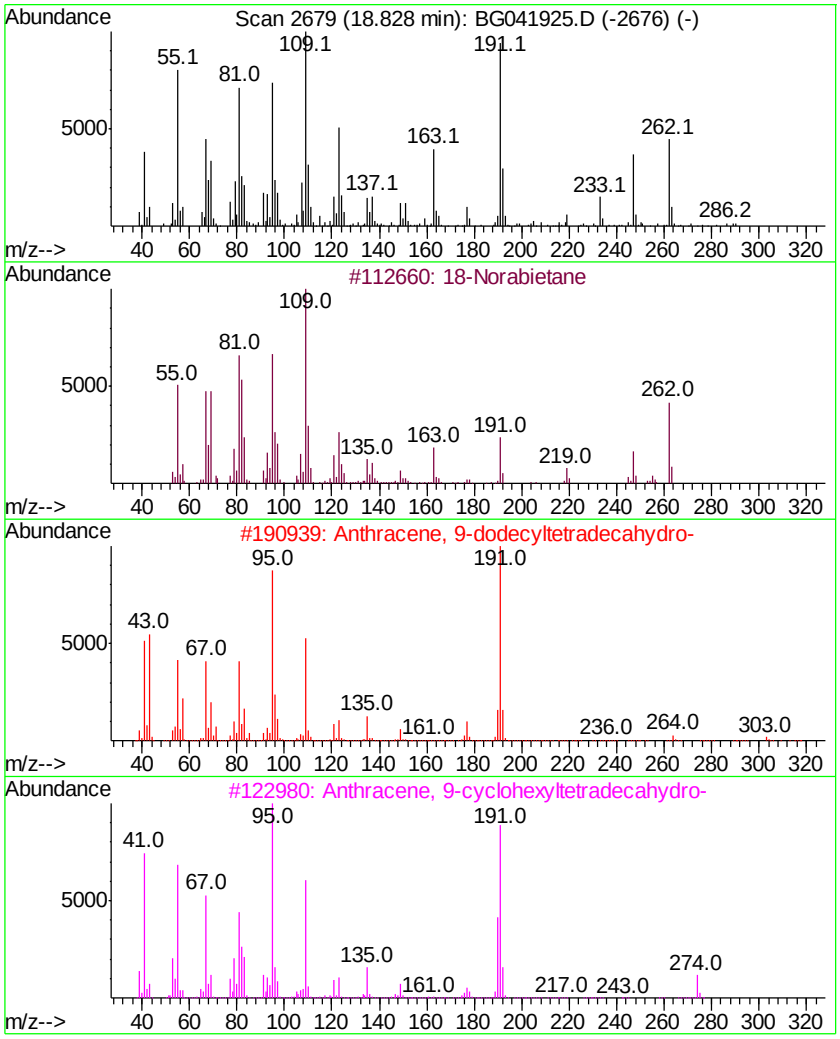
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

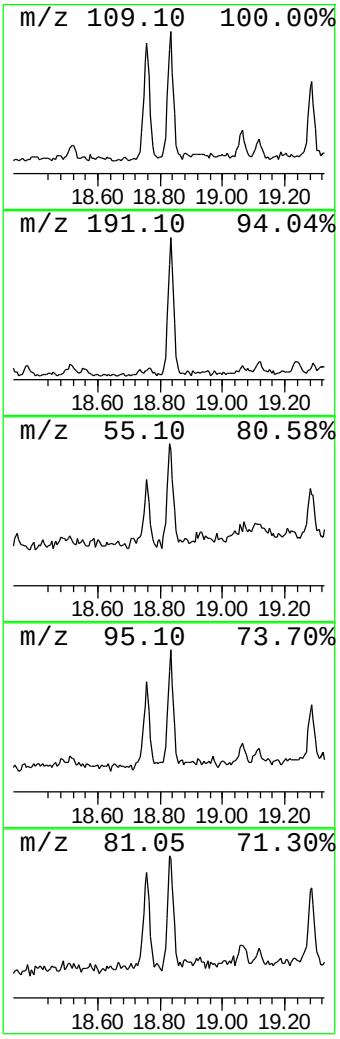
****

Peak Number 4 18-Norabietane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	6.57 ng/ul	363657	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	90
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
4	Pyrazol-4-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-9	30
5	2,3-Dimethyl-3H-phenanthro[3,4-d...	262	C17H14N2O	098033-25-1	18





Library Search Compound Report

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Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

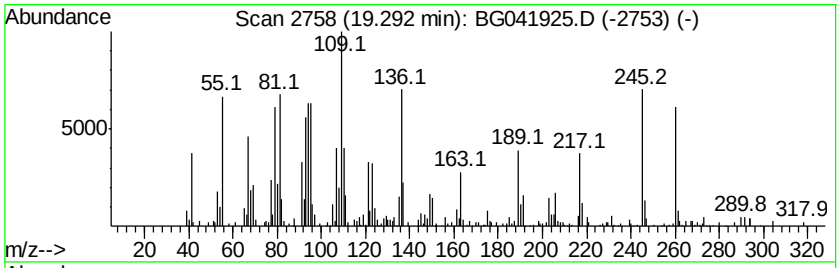
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

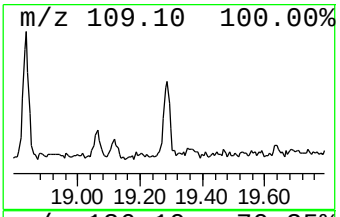
****

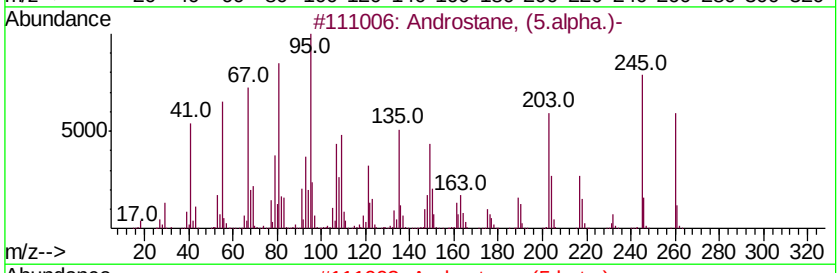
Peak Number 5 Androstane, (5.alpha.)- Concentration Rank 5

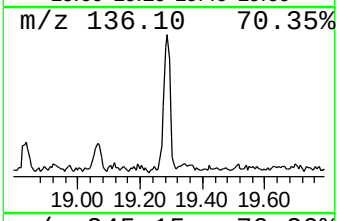
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.37 ng/ul	242098	Phenanthrene-d10	17.45

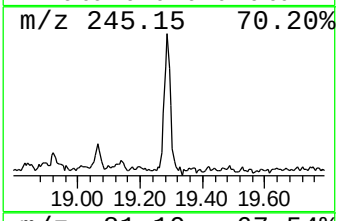
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androstane, (5.alpha.)-	260	C19H32	000438-22-2	70
2	Androstane, (5.beta.)-	260	C19H32	000438-23-3	46
3	Bicyclo[4.3.0]nonane, 2-methylen...	136	C10H16	040954-37-8	46
4	Androstane, (5.beta.)-	260	C19H32	000438-23-3	45
5	Androstane, (5.alpha.)-	260	C19H32	000438-22-2	45

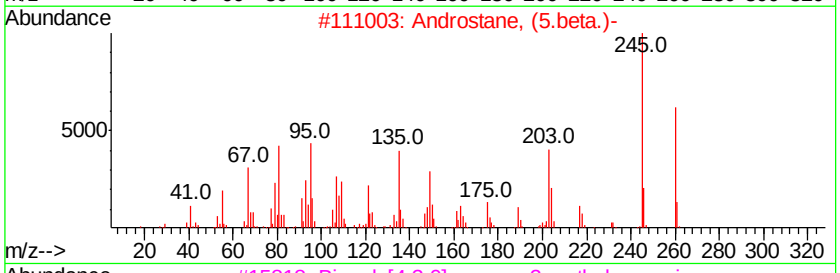


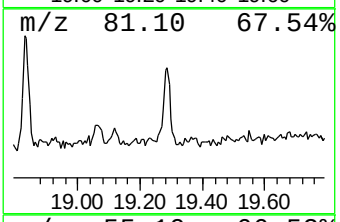


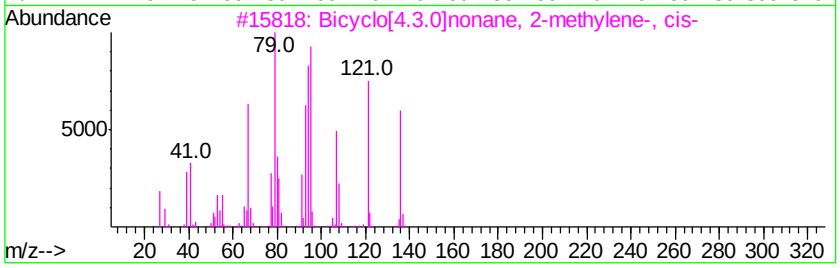


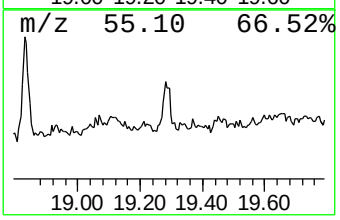












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

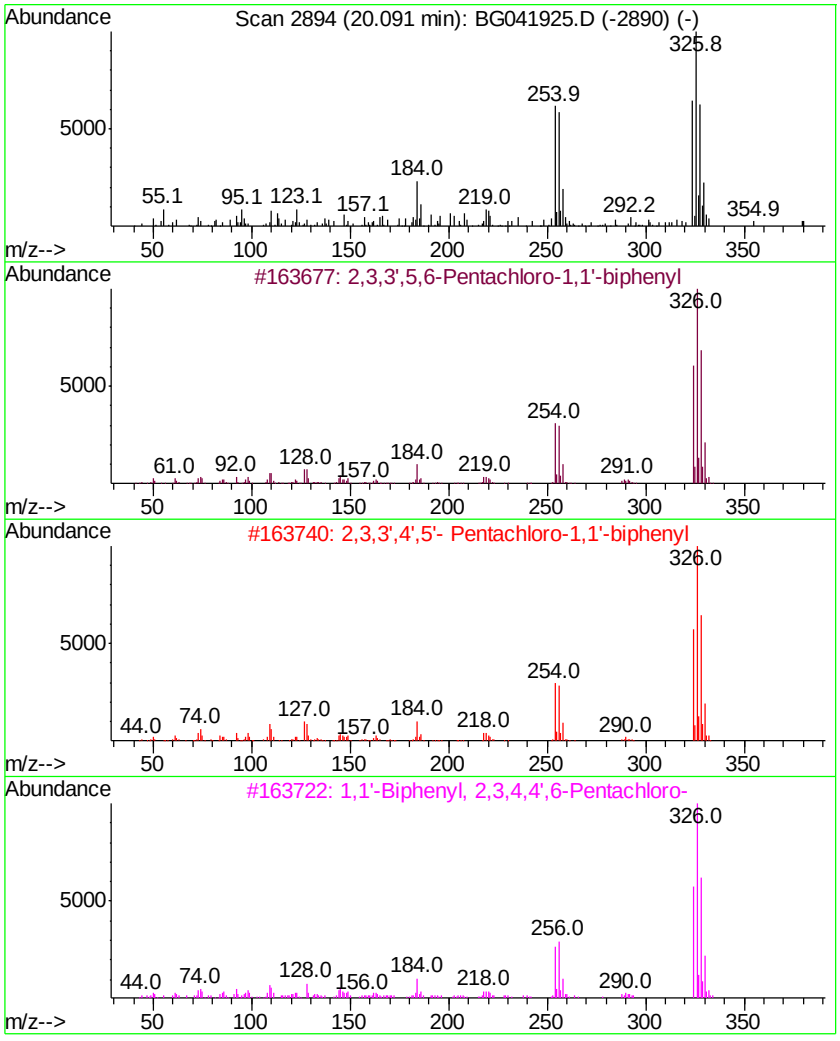
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

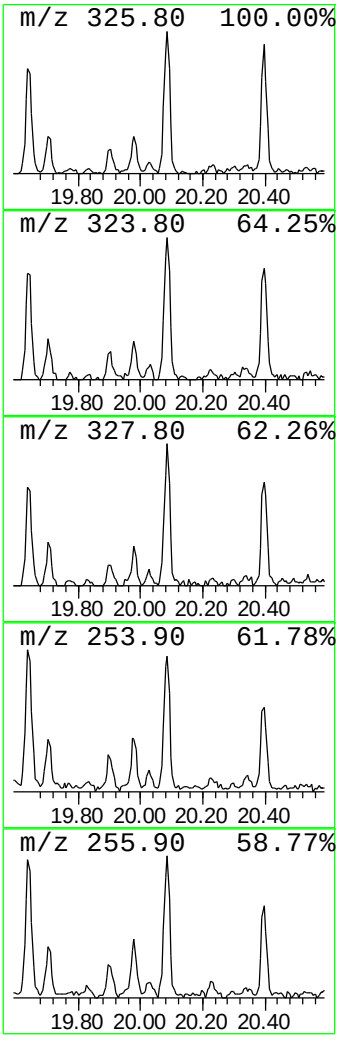
****

Peak Number 6 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.08 ng/ul	134797	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98
3	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	96
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041925.D
Acq On : 4 Aug 2019 2:53
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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...	3.16	106.1	ng/ul	2232730	1	8.03	420982	20.0
1-(4-Fluorophenyl...	18.24	9.8	ng/ul	544455	4	17.45	1106790	20.0
unknown-01	18.76	5.0	ng/ul	275541	4	17.45	1106790	20.0
18-Norabietane	18.83	6.6	ng/ul	363657	4	17.45	1106790	20.0
Androstane, (5.al...	19.29	4.4	ng/ul	242098	4	17.45	1106790	20.0
2,3,3',5,6-Pentac...	20.09	2.1	ng/ul	134797	5	21.73	1296920	20.0