LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	45	51	55	rBV2	26742	52656	2.92%	0.306%
2	3.216	59	64	71	rVV	81145	113272	6.28%	0.659%
3	5.185	393	399	407	rBV	56407	84958	4.71%	0.494%
4	5.655	473	479	488	rBV	123544	192559	10.67%	1.120%
5	7.259	745	752	760	rBV	94417	161004	8.92%	0.936%
6	7.641	809	817	824	rBV	203038	344725	19.10%	2.005%
7	8.111	888	897	904	rBV	77624	127112	7.04%	0.739%
8	8.434	945	952	959	rBV	257300	438126	24.27%	2.548%
9	9.280	1088	1096	1104	rVB	235383	420328	23.29%	2.445%
10	10.390	1280	1285	1291	rVB	27242	42671	2.36%	0.248%
11	10.931	1367	1377	1380	rBV	110604	196722	10.90%	1.144%
12	10.978	1380	1385	1394	rVV	208250	361338	20.02%	2.102%
13	11.095	1397	1405	1413	rVB	28239	53340	2.96%	0.310%
14	11.753	1509	1517	1522	rBV3	27744	52290	2.90%	0.304%
15	12.576	1650	1657	1664	rBV	83003	134401	7.45%	0.782%
16	12.688	1669	1676	1683	rBV2	28033	50228	2.78%	0.292%
17	12.793	1683	1694	1703	rVB	109040	187105	10.37%	1.088%
18	13.363	1783	1791	1799	rVB	730589	1121720	62.15%	6.524%
19	13.575	1821	1827	1836	rBV2	56456	87769	4.86%	0.510%
20	13.769	1855	1860	1871	rVB2	12158	26035	1.44%	0.151%
21	13.904	1877	1883	1892	rVB	31215	78023	4.32%	0.454%
22	14.057	1900	1909	1914	rBV3	57135	115602	6.40%	0.672%
23	14.109	1914	1918	1926	rVB	33968	56148	3.11%	0.327%
24	14.262	1938	1944	1947	rBV	20040	34079	1.89%	0.198%
25	14.456	1967	1977	1989	rVB4	18184	38975	2.16%	0.227%
26	14.738	2014	2025	2031	rBV2	186564	315808	17.50%	1.837%
27	14.803	2031	2036	2042	rVV	279646	441127	24.44%	2.566%
28	14.861	2042	2046	2051	rVB	40415	59854	3.32%	0.348%
29	15.002	2065	2070	2075	rVV4	17253	38831	2.15%	0.226%
30	15.132	2085	2092	2100	rVB	239129	388691	21.53%	2.261%
31	15.520	2150	2158	2162	rBV4	12861	28648	1.59%	0.167%
32	15.784	2192	2203	2211	rVB2	313705	499324	27.66%	2.904%
33	15.872	2211	2218	2220	rBV2	15592	23145	1.28%	0.135%
34	15.907	2220	2224	2226	rVV2	17964	25508	1.41%	0.148%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.943	2226	2230	2235	rVB2	22839	34327	1.90%	0.200%
36	16.072	2248	2252	2258	rVB	40001	58806	3.26%	0.342%
37	16.219	2271	2277	2284	rVB	414192	658188	36.47%	3.828%
38	16.283	2284	2288	2292	rBV	19104	26552	1.47%	0.154%
39	16.442	2308	2315	2323	rVB8	27620	62215	3.45%	0.362%
40	16.653	2346	2351	2359	rVB2	24586	46366	2.57%	0.270%
41	16.730	2359	2364	2366	rBV	38404	60384	3.35%	0.351%
42	16.753	2366	2368	2371	rVB	25383	28683	1.59%	0.167%
43	17.129	2428	2432	2439	rVB	44671	73409	4.07%	0.427%
44	17.218	2441	2447	2450	rBV3	15362	33078	1.83%	0.192%
45	17.259	2450	2454	2457	rVV2	30448	50695	2.81%	0.295%
46	17.300	2457	2461	2469	rVB	52264	82456	4.57%	0.480%
47	17.482	2486	2492	2495	rBV	228415	372747	20.65%	2.168%
48	17.523	2495	2499	2505	rVV	727825	1100707	60.98%	6.402%
49	17.582	2505	2509	2511	rVV	67561	102990	5.71%	0.599%
50	17.611	2511	2514	2520	rVV	172135	247633	13.72%	1.440%
51	17.670	2520	2524	2530	rVB2	71587	109486	6.07%	0.637%
52	17.787	2535	2544	2548	rBV9	18552	40960	2.27%	0.238%
53	17.881	2548	2560	2566	rBV2	219595	441332	24.45%	2.567%
54	17.964	2569	2574	2580	rVV	38891	73419	4.07%	0.427%
55	18.034	2581	2586	2593	rVV2	48985	88180	4.89%	0.513%
56	18.128	2596	2602	2607	rVV5	27761	68733	3.81%	0.400%
57	18.175	2607	2610	2614	rVV4	15886	22816	1.26%	0.133%
58	18.222	2614	2618	2624	rVB7	17250	30063	1.67%	0.175%
59	18.316	2629	2634	2635	rBV2	20098	25388	1.41%	0.148%
60	18.351	2635	2640	2644	rBV2	105196	138347	7.66%	0.805%
61	18.398	2644	2648	2656	rVB4	100232	179809	9.96%	1.046%
62	18.475	2656	2661	2666	rBV2	47875	87695	4.86%	0.510%
63	18.551	2666	2674	2678	rBV3	95684	194214	10.76%	1.130%
64	18.634	2684	2688	2689	rBV2	16390	24294	1.35%	0.141%
65	18.645	2689	2690	2694	rVB3	26158	28219	1.56%	0.164%
66	18.692	2694	2698	2701	rBV	20226	22473	1.25%	0.131%
67	18.728	2701	2704	2709	rVB4	23126	30207	1.67%	0.176%
68	18.786	2710	2714	2718	rVB2	30816	40768	2.26%	0.237%
69	18.845	2718	2724	2728	rBV2	42522	71270	3.95%	0.415%
70	18.886	2728	2731	2736	rBV	42852	53118	2.94%	0.309%
71	19.180	2777	2781	2788	rBV7	15680	34618	1.92%	0.201%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.268	2790	2796	2802	rVB5	33597	62008	3.44%	0.361%
73	19.397	2814	2818	2826	rVB3	22771	39440	2.19%	0.229%
74	19.527	2834	2840	2846	rVB	381490	533322	29.55%	3.102%
75	19.621	2846	2856	2866	rBV5	98249	160929	8.92%	0.936%
76	19.856	2891	2896	2897	rBV	72564	100014	5.54%	0.582%
77	19.885	2897	2901	2910	rVV	322040	496329	27.50%	2.887%
78	19.955	2910	2913	2917	rVB2	20988	30202	1.67%	0.176%
79	20.079	2926	2934	2939	rBV	1324497	1804951	100.00%	10.498%
80	20.126	2939	2942	2948	rVB2	37905	51831	2.87%	0.301%
81	20.202	2950	2955	2957	rBV3	26823	45057	2.50%	0.262%
82	20.261	2962	2965	2970	rVV	24385	43936	2.43%	0.256%
83	20.320	2970	2975	2981	rVV2	62660	138184	7.66%	0.804%
84	20.373	2981	2984	2989	rVB	59768	86363	4.78%	0.502%
85	20.473	2997	3001	3005	rVV2	46126	62593	3.47%	0.364%
86	20.525	3006	3010	3015	rVB4	32244	67027	3.71%	0.390%
87	20.960	3081	3084	3089	rBV3	27153	41408	2.29%	0.241%
88	21.136	3112	3114	3119	rVB2	15908	23262	1.29%	0.135%
89	21.330	3144	3147	3148	rBV2	21645	24084	1.33%	0.140%
90	21.360	3148	3152	3158	rVB2	65464	129288	7.16%	0.752%
91	21.753	3210	3219	3224	rBV2	310968	739454	40.97%	4.301%
92	21.800	3224	3227	3235	rVB	119711	187883	10.41%	1.093%
93	22.165	3285	3289	3295	rBV2	20339	44713	2.48%	0.260%
94	22.500	3339	3346	3350	rBV4	46370	126282	7.00%	0.734%
95	23.986	3593	3599	3609	rBV	57404	203003	11.25%	1.181%
96	24.726	3720	3725	3735	rVB3	29418	71027	3.94%	0.413%
97	24.873	3743	3750	3759	rBV	56519	164821	9.13%	0.959%
98	25.032	3769	3777	3786	rVB2	142653	395516	21.91%	2.300%
99	26.560	4030	4037	4038	rBV3	22510	46413	2.57%	0.270%
100	29.920	4600	4609	4611	rBV9	16251	37748	2.09%	0.220%

Sum of corrected areas: 17193855

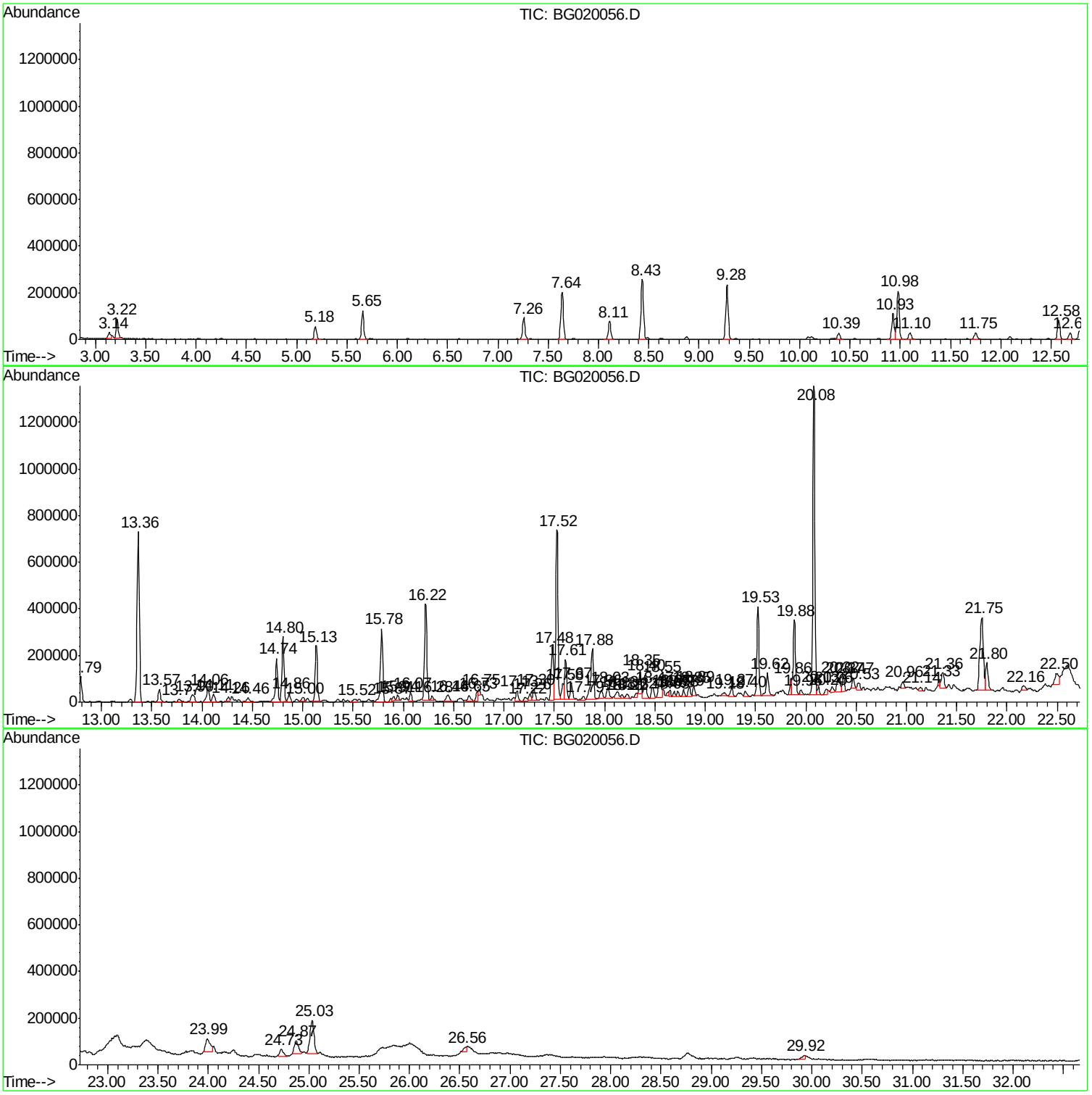
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

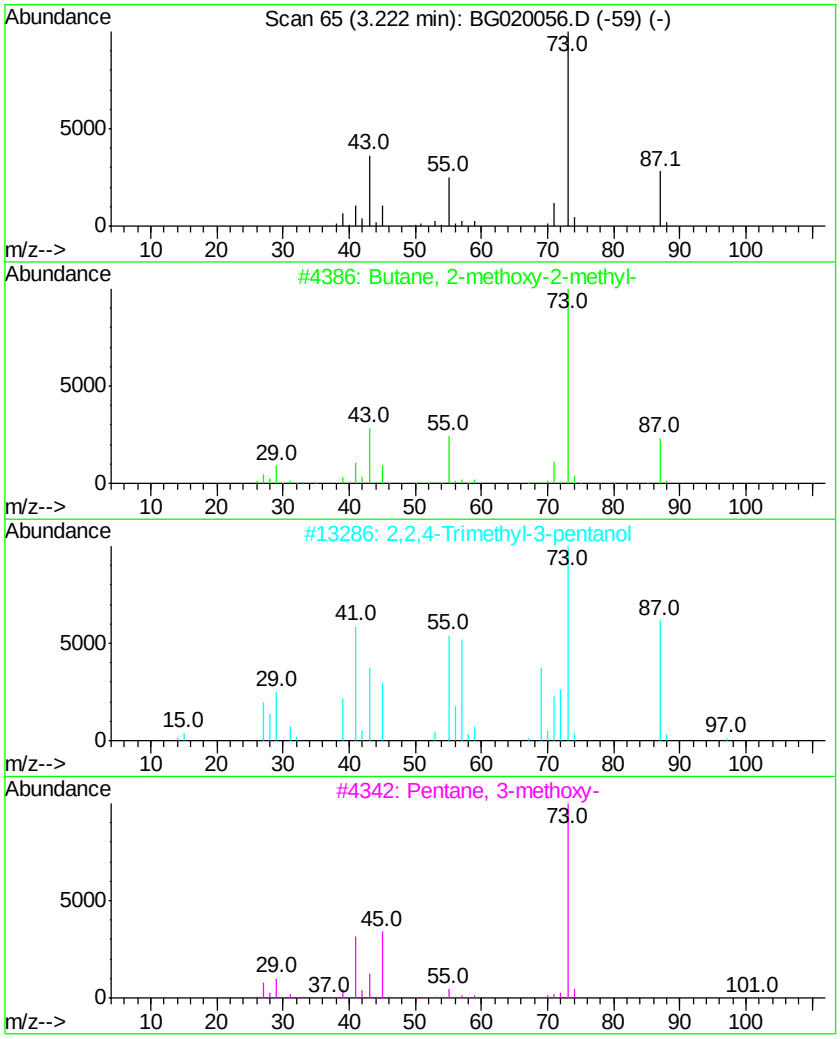
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

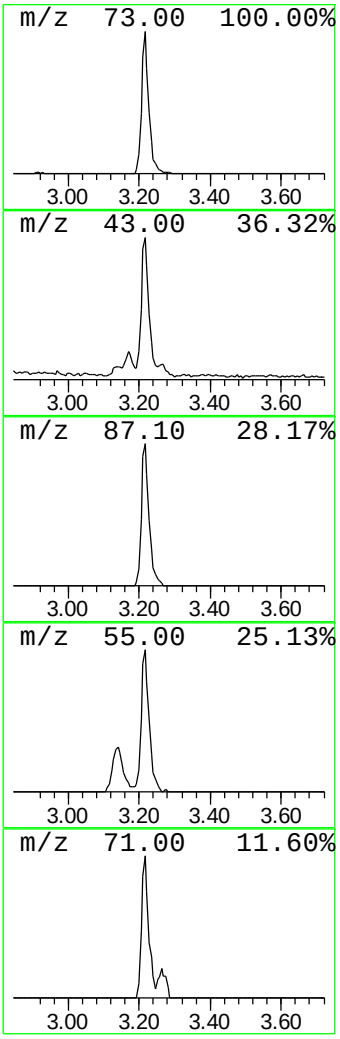
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	17.82 ng	113272	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

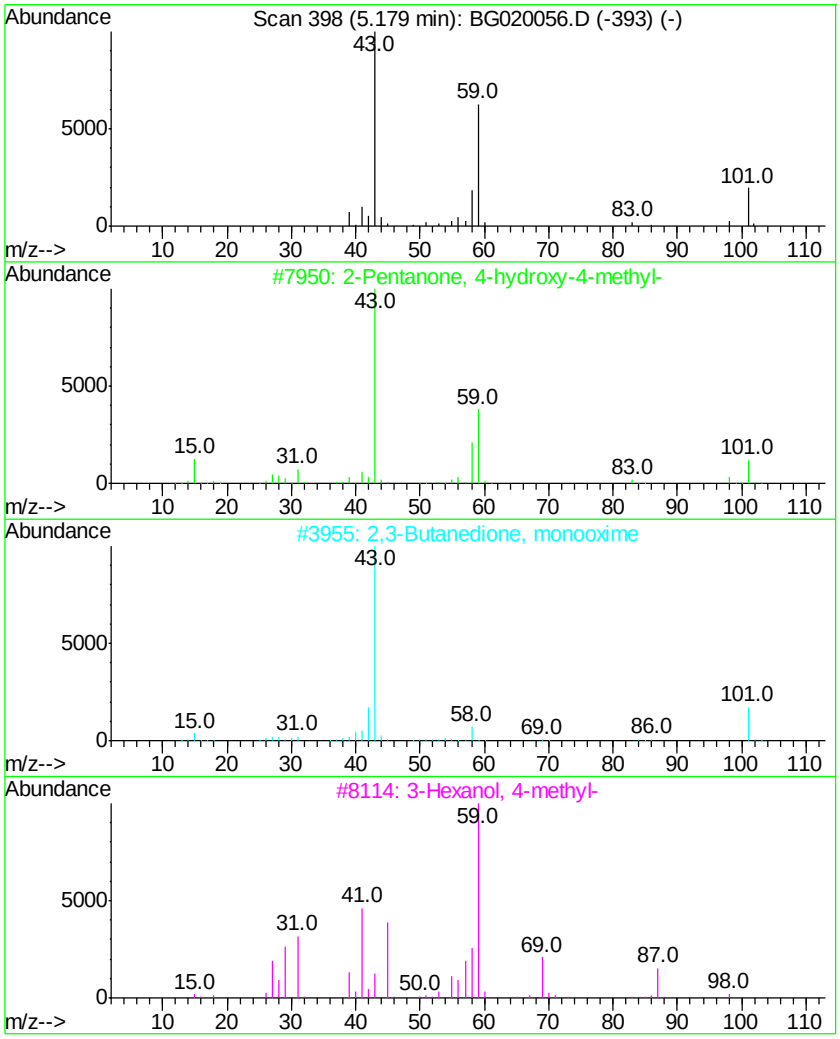
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

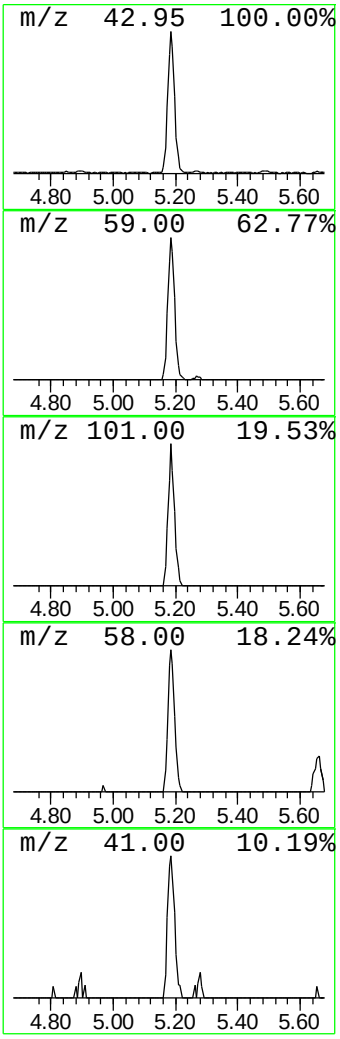
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	13.37 ng	84958	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

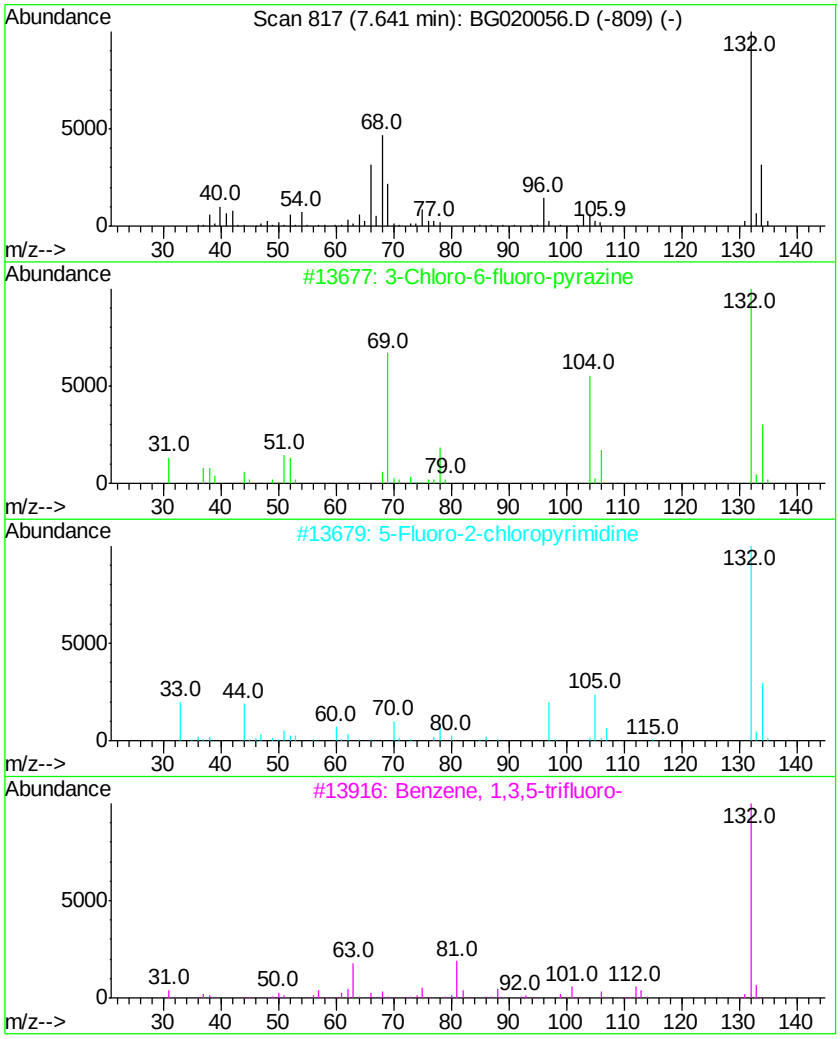
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

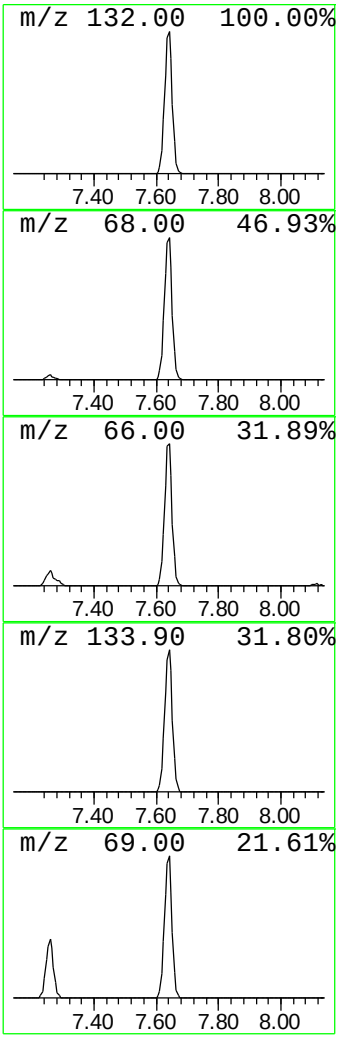
****

Peak Number 4 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	54.24 ng	344725	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

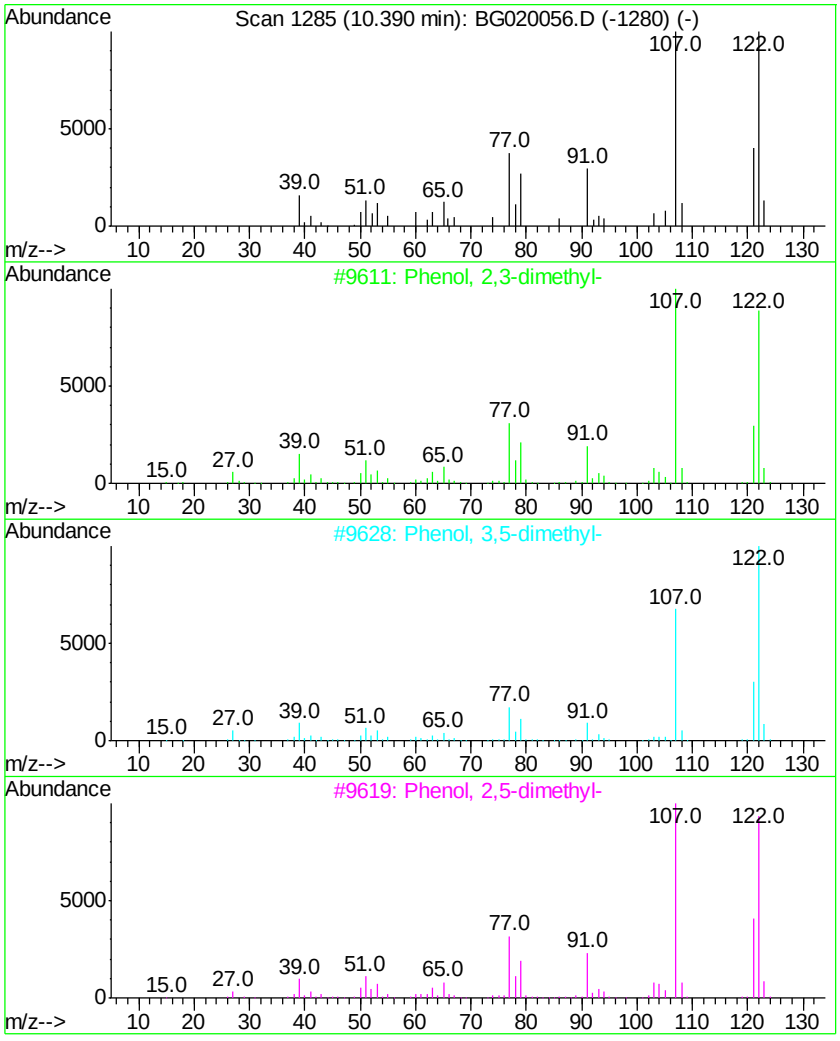
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

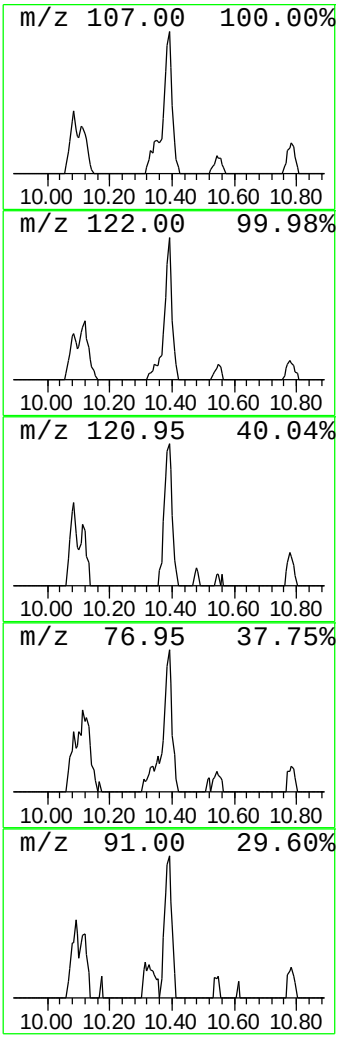
****

Peak Number 6 Phenol, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	4.34 ng	42671	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	95
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

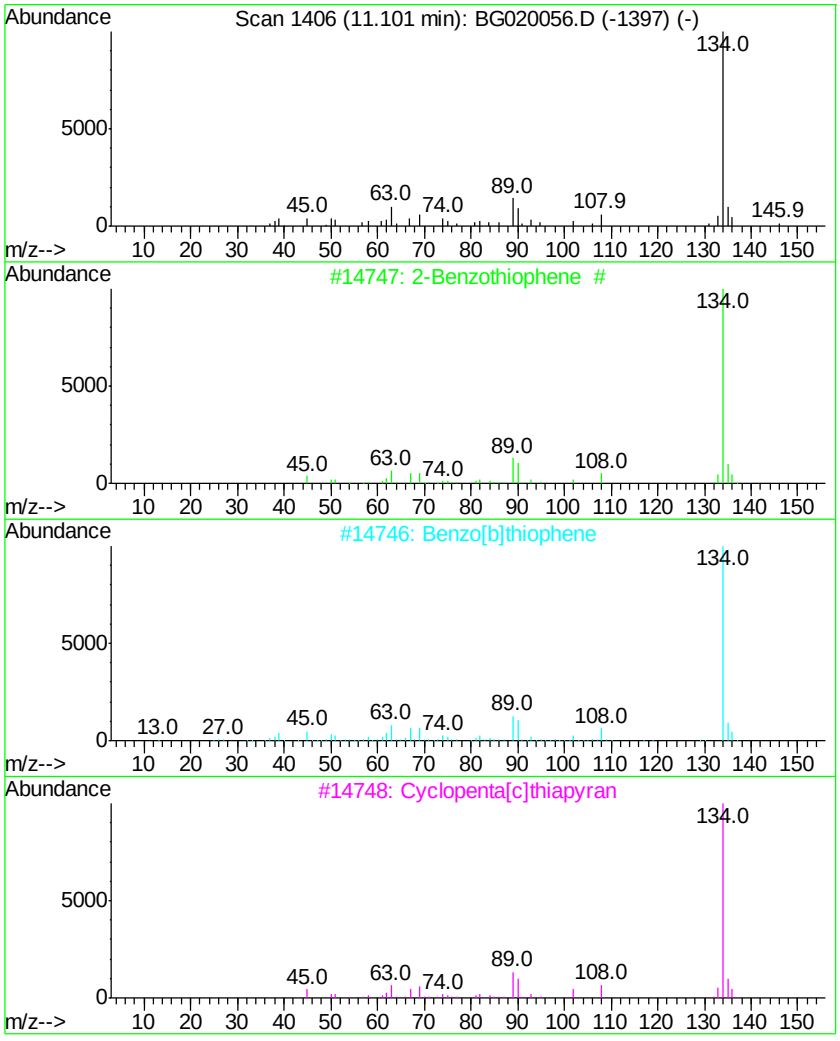
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

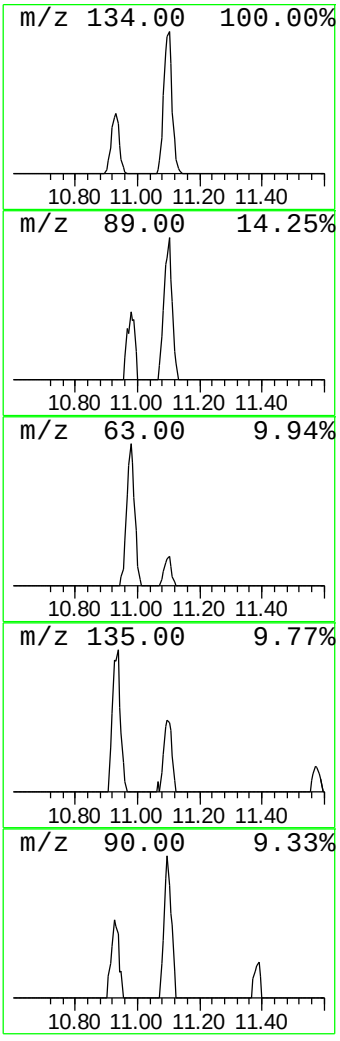
****

Peak Number 7 2-Benzothiophene # Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	5.42 ng	53340	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	91
5	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	72





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Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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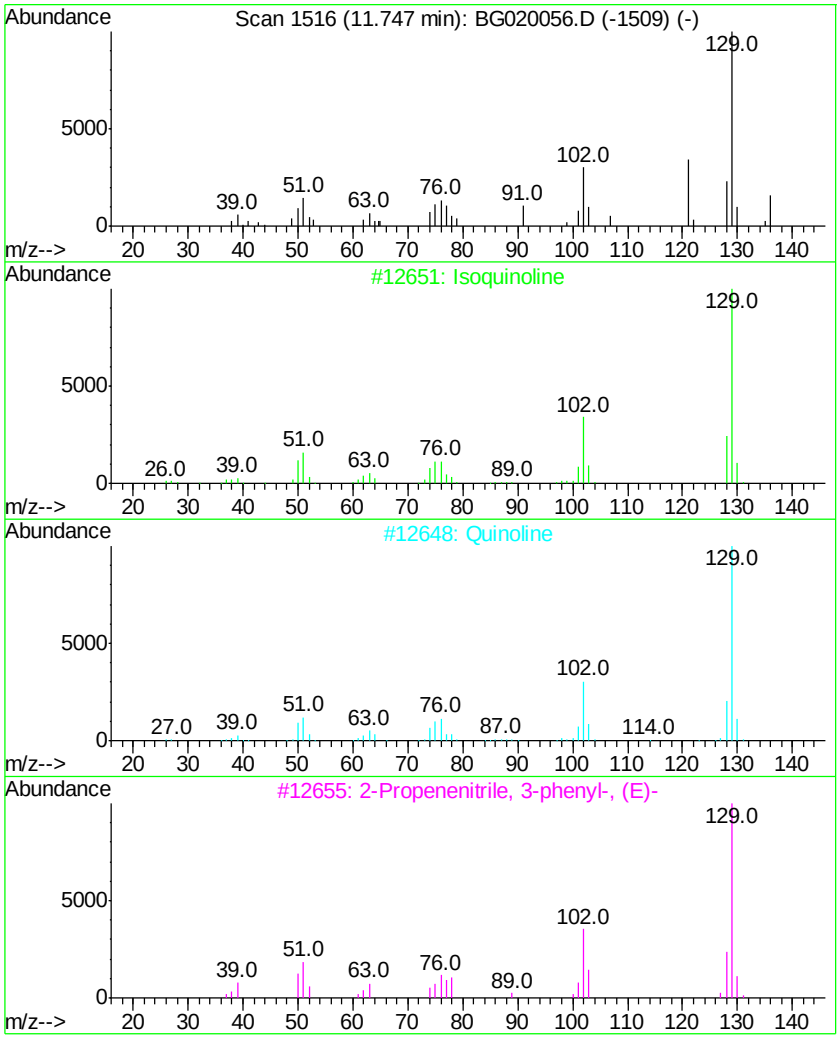
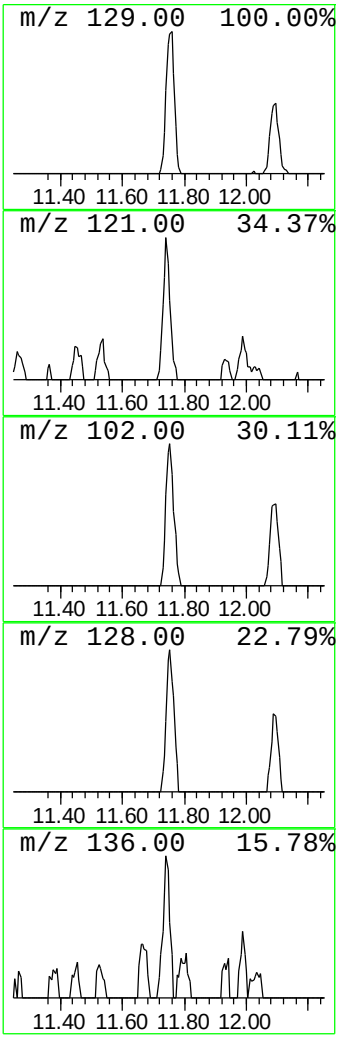
Peak Number 8 Isoquinoline Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.32 ng	52290	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	93
2	Quinoline	129	C9H7N	000091-22-5	93
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	90
4	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	87
5	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	83





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Instrument : BNA_G
ClientSampleId : KENT-PIT-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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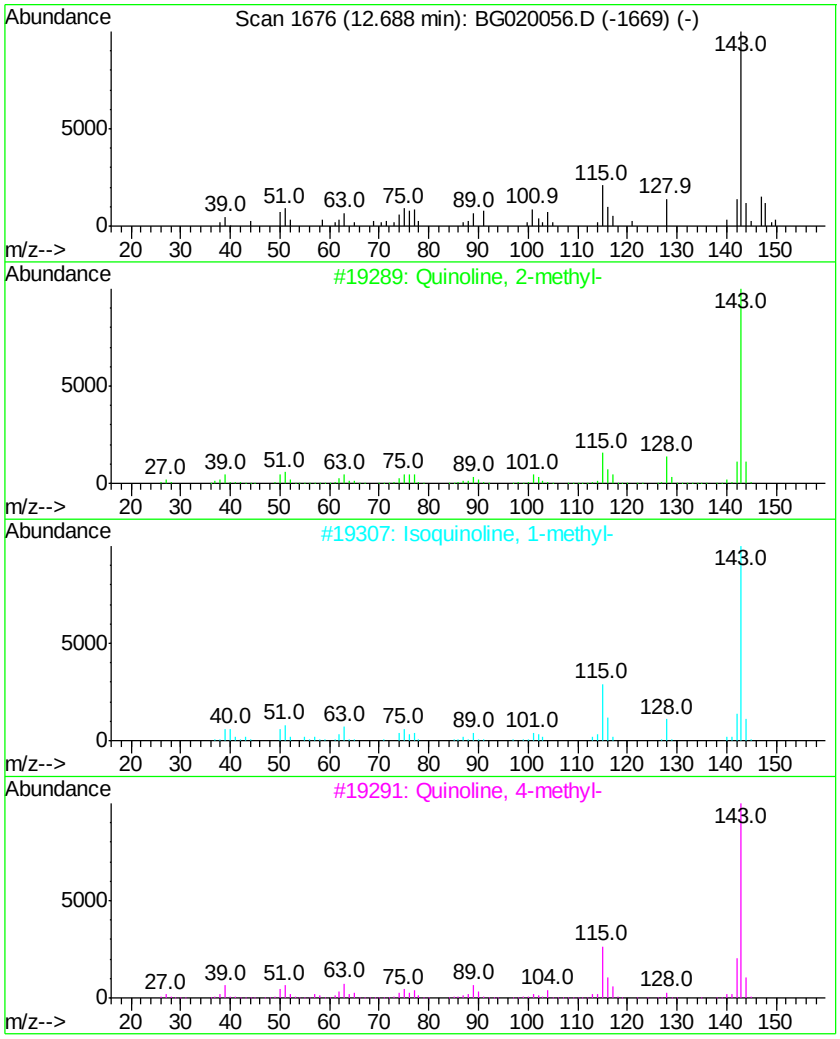
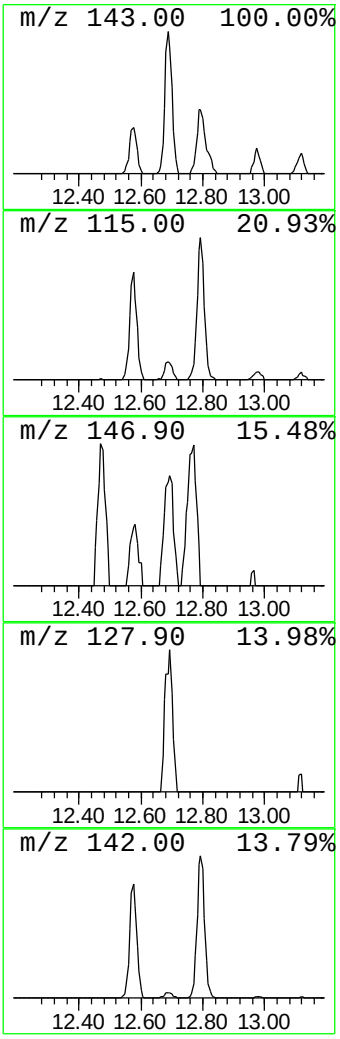
Peak Number 9 Quinoline, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.11 ng	50228	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
2	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	87
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	72
4	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	68
5	2-Naphthalenamine	143	C10H9N	000091-59-8	68





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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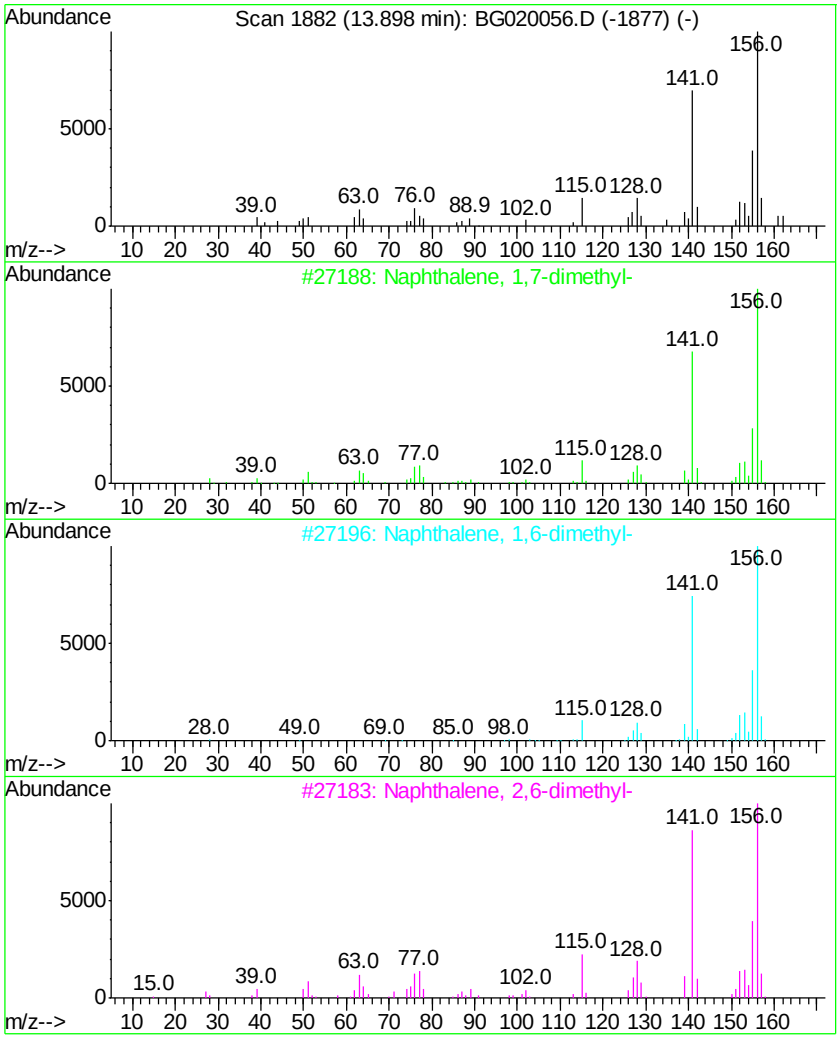
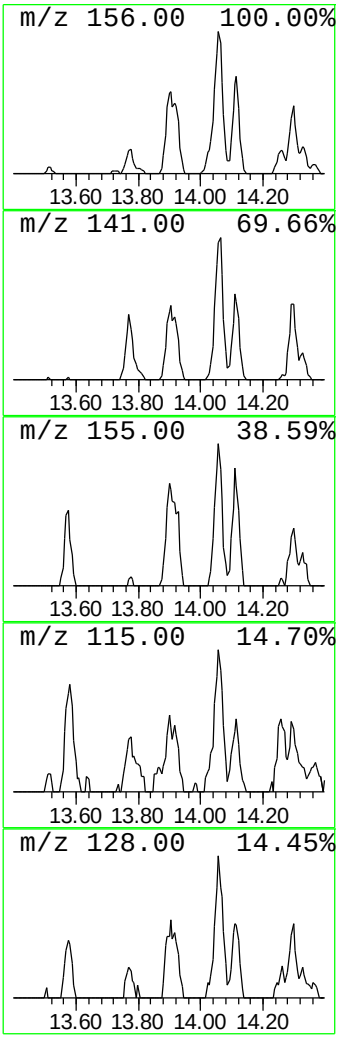
Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.94 ng	78023	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Library Search Compound Report

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Sample : G4698-02
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ClientSampleId : KENT-PIT-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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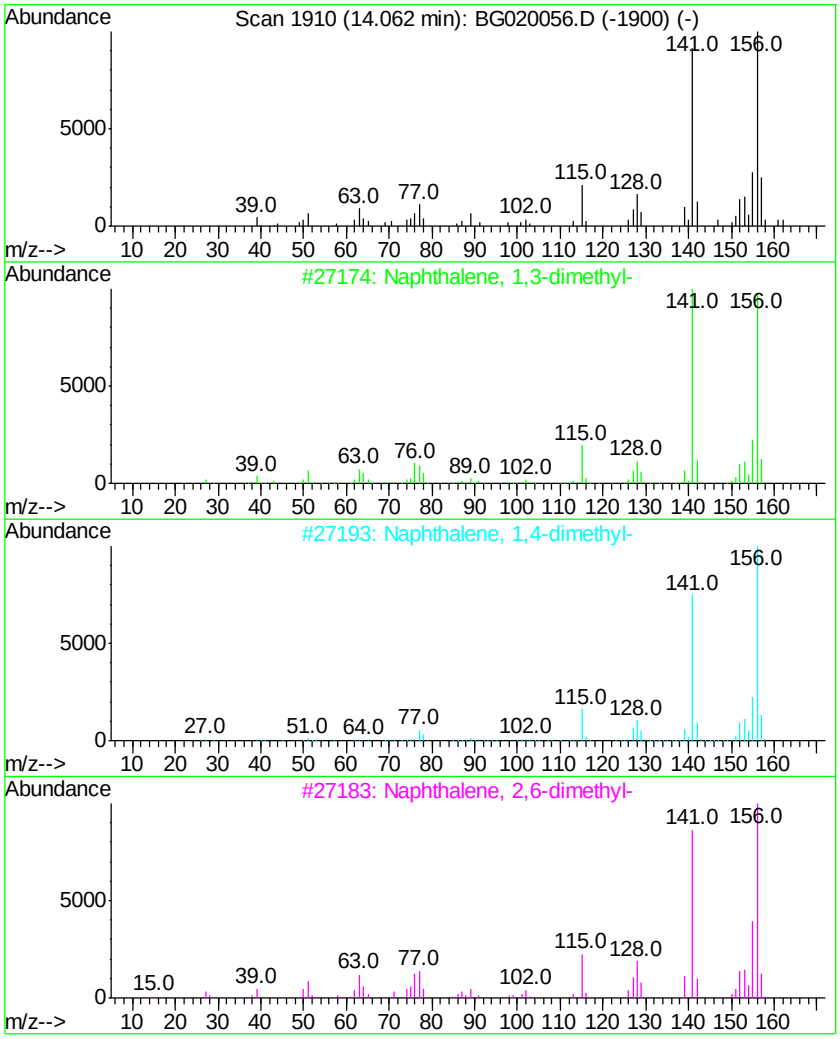
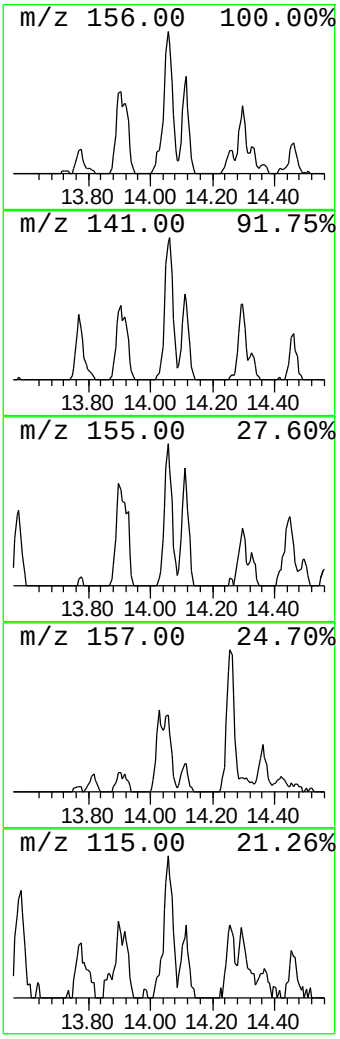
Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	7.32 ng	115602	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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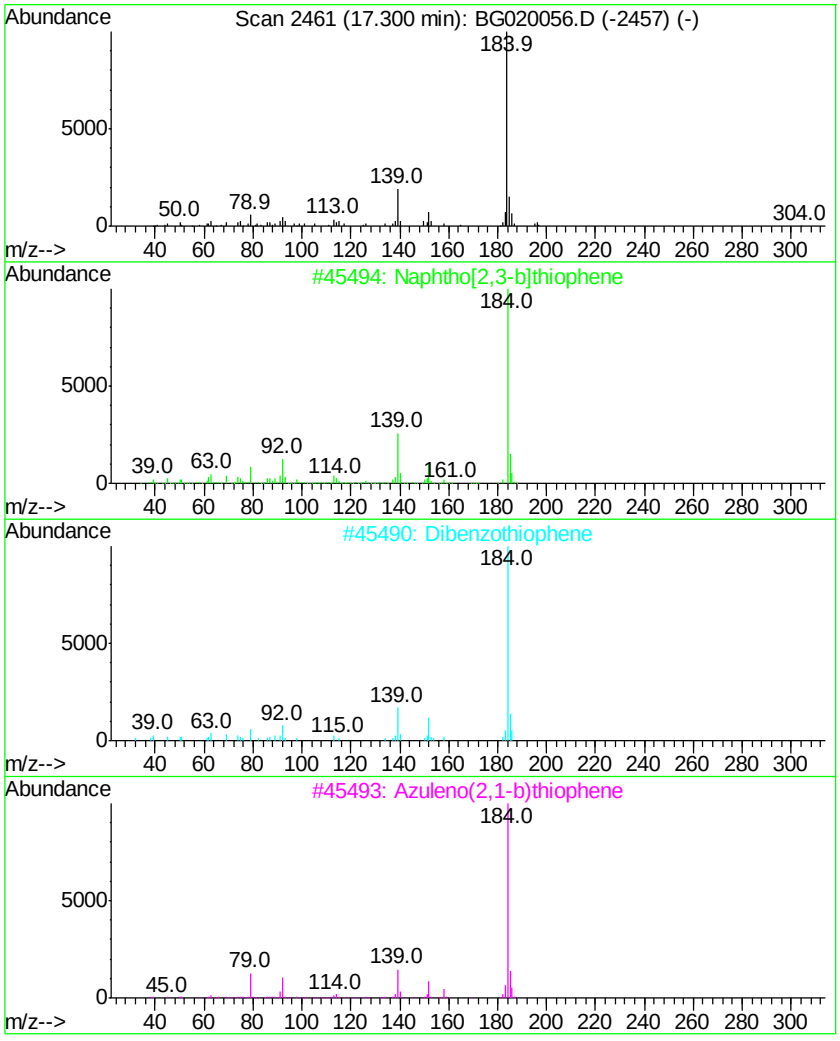
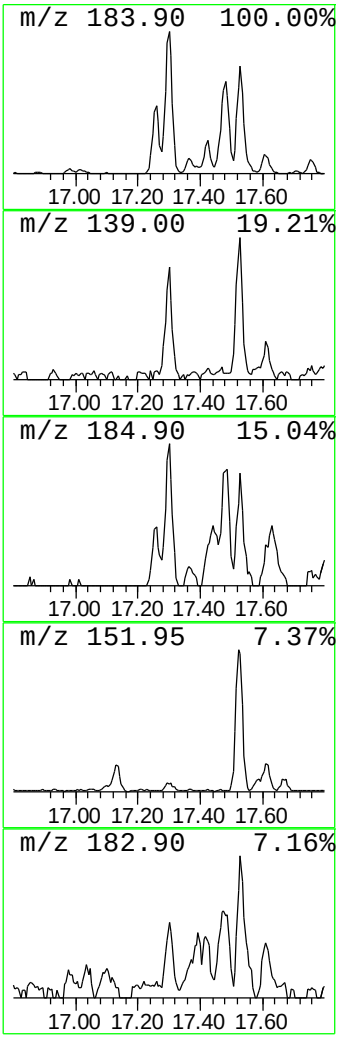
Peak Number 13 Naphtho[2,3-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	4.42 ng	82456	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72
5	Benzene, 1-methyl-3-phenoxy-	184	C13H12O	003586-14-9	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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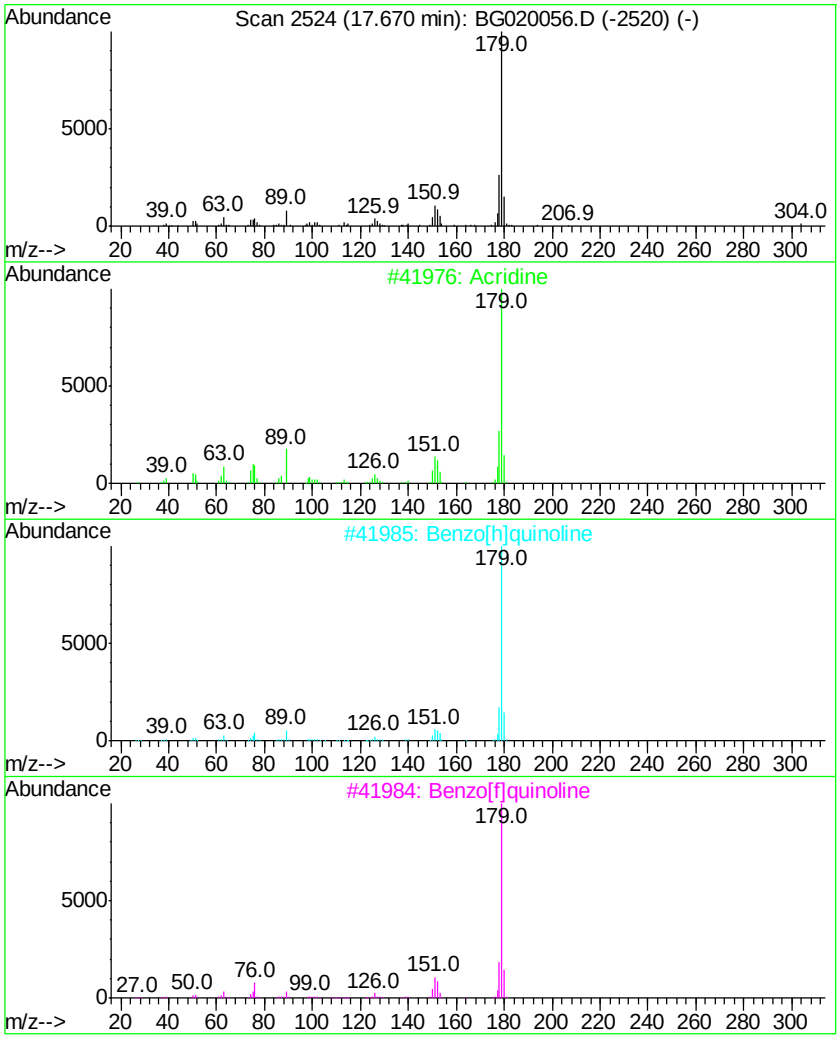
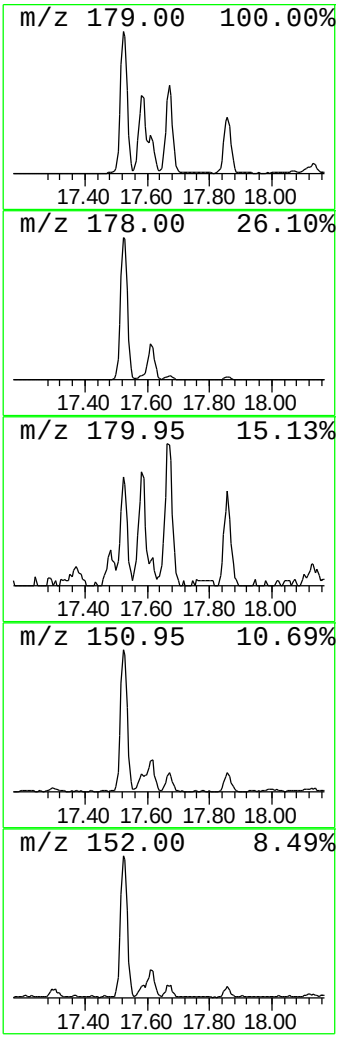
Peak Number 14 Acridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	5.87 ng	109486	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	96
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	94
4	Phenanthridine	179	C13H9N	000229-87-8	93
5	Benzo[g]quinoline	179	C13H9N	000260-36-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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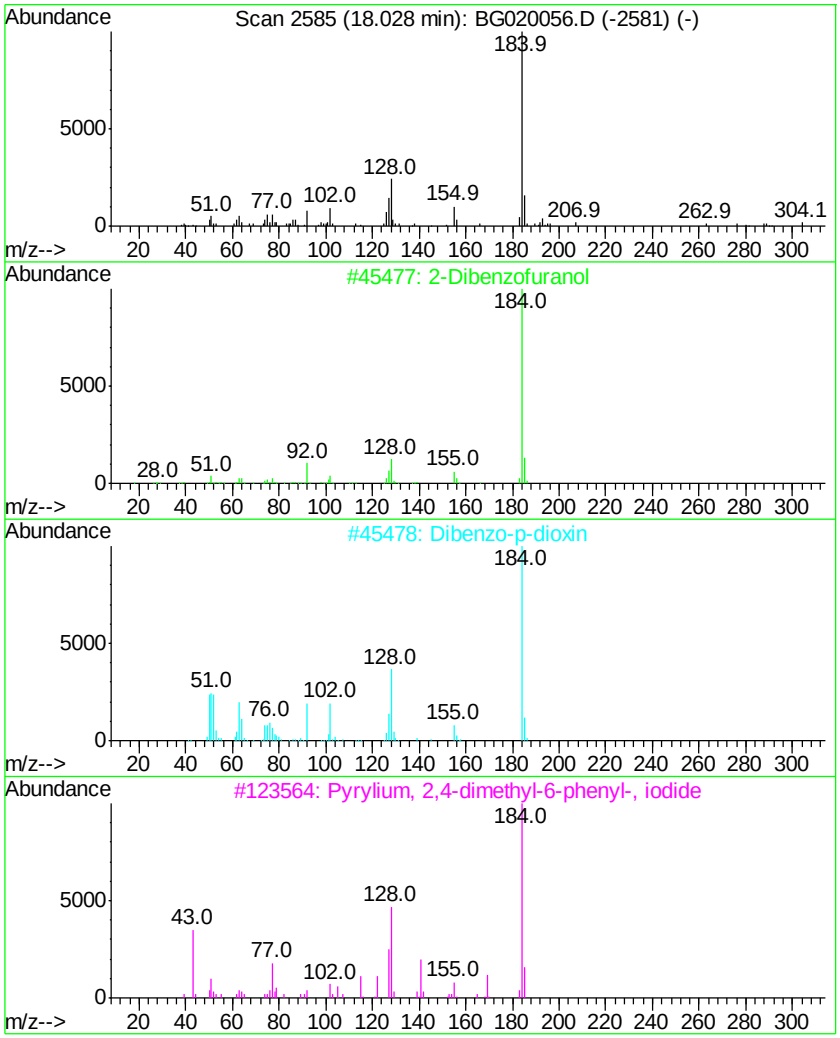
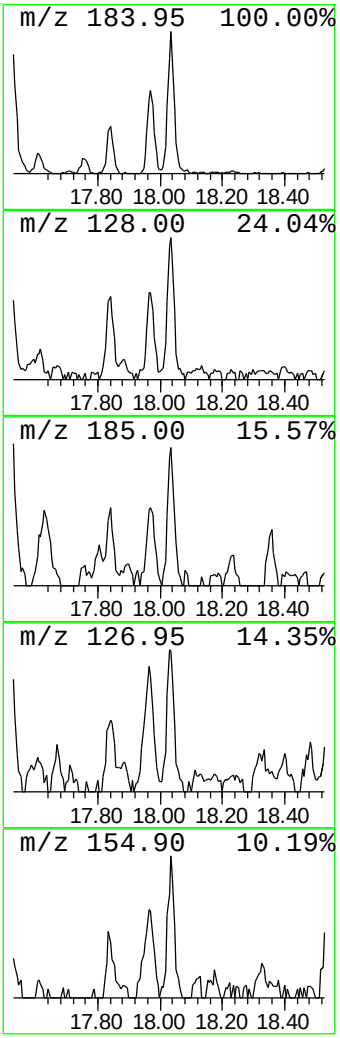
Peak Number 15 2-Dibenzofuranol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.73 ng	88180	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	93
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90
3	Pyrylium, 2,4-dimethyl-6-phenyl-...	312	C13H13IO	032339-28-9	64
4	4-Methyl-2-oxo-1,2-dihydro-3-qui...	184	C11H8N2O	028448-12-6	53
5	1H-Benzimidazole, 2-(2-furanyl)-	184	C11H8N2O	003878-19-1	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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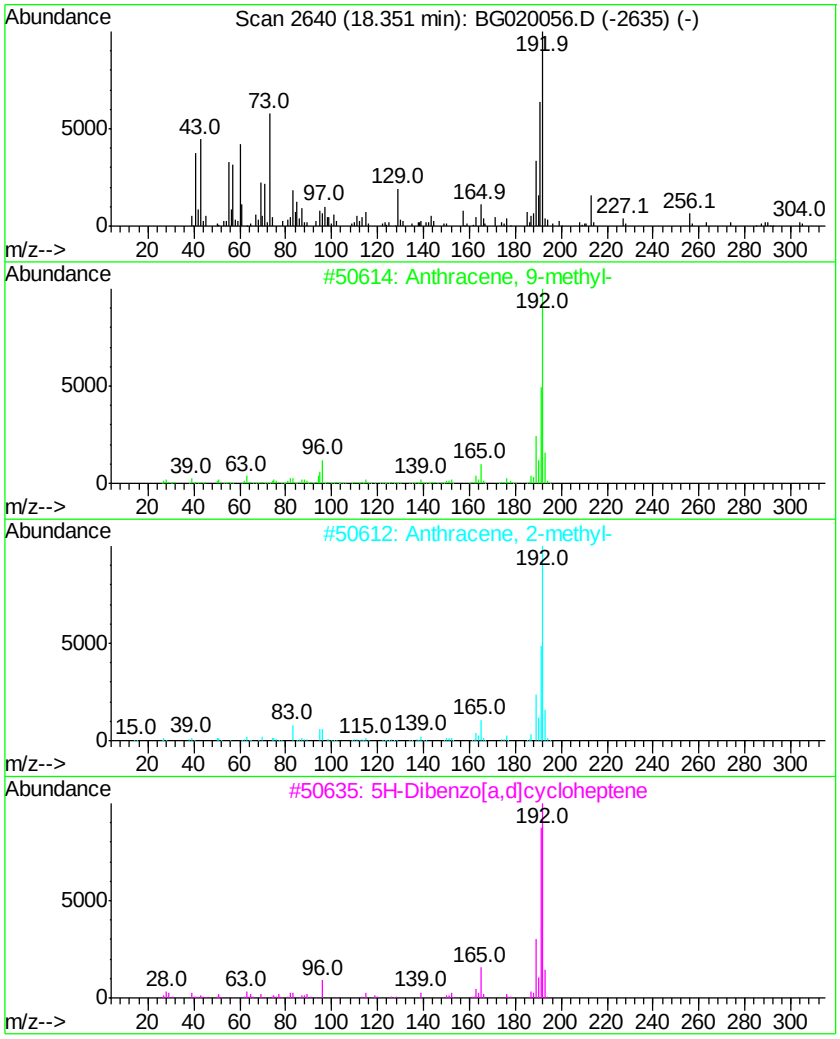
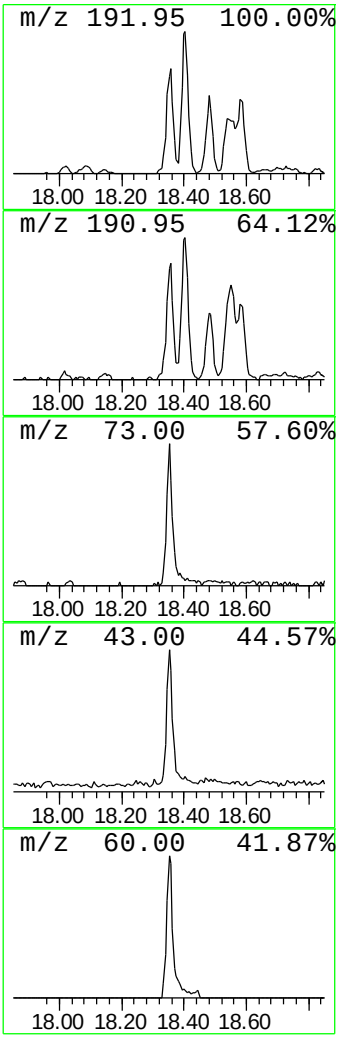
Peak Number 16 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	7.42 ng	138347	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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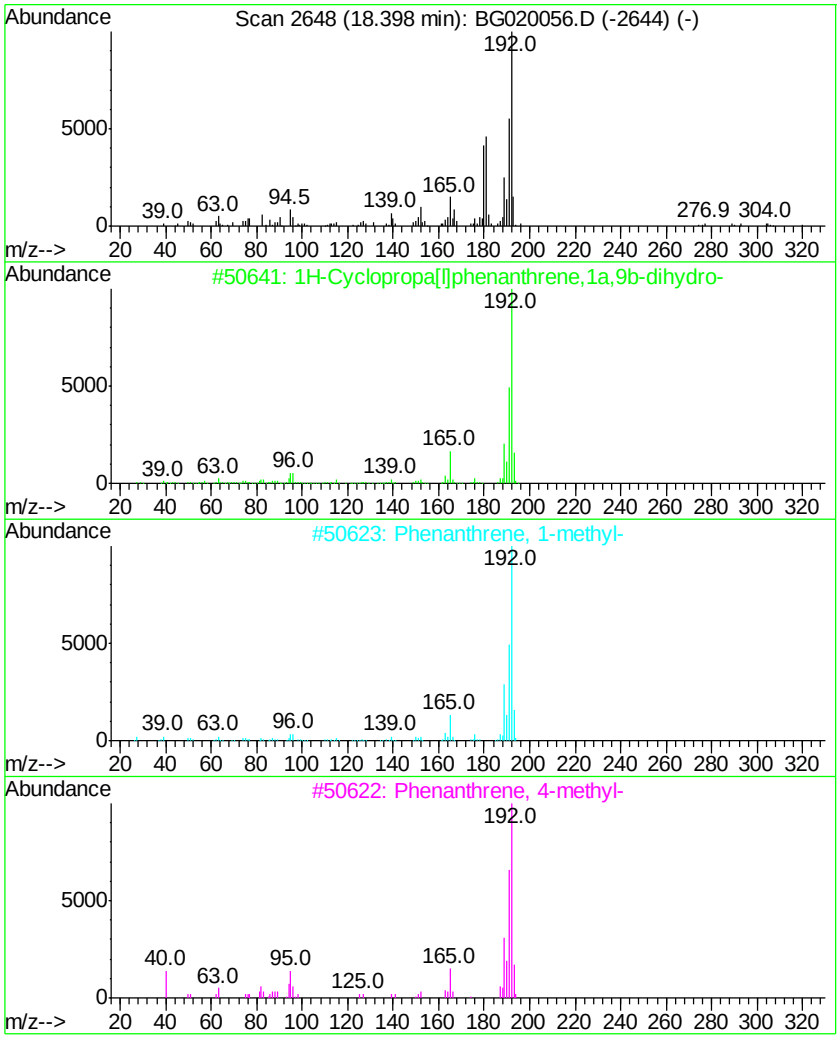
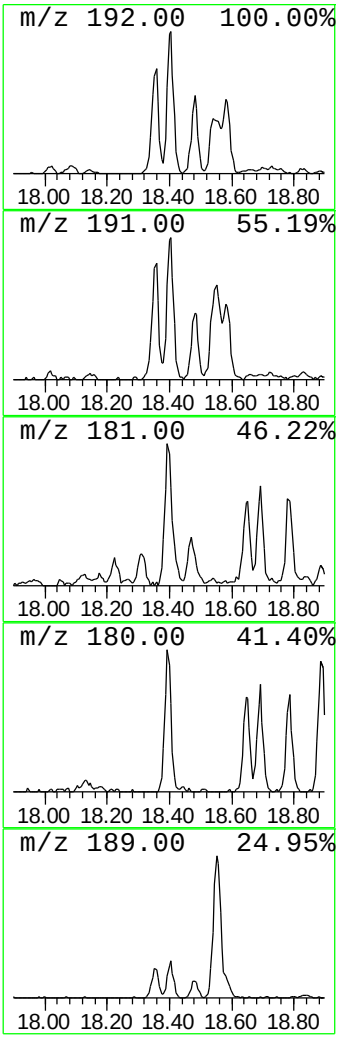
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	9.65 ng	179809	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	78
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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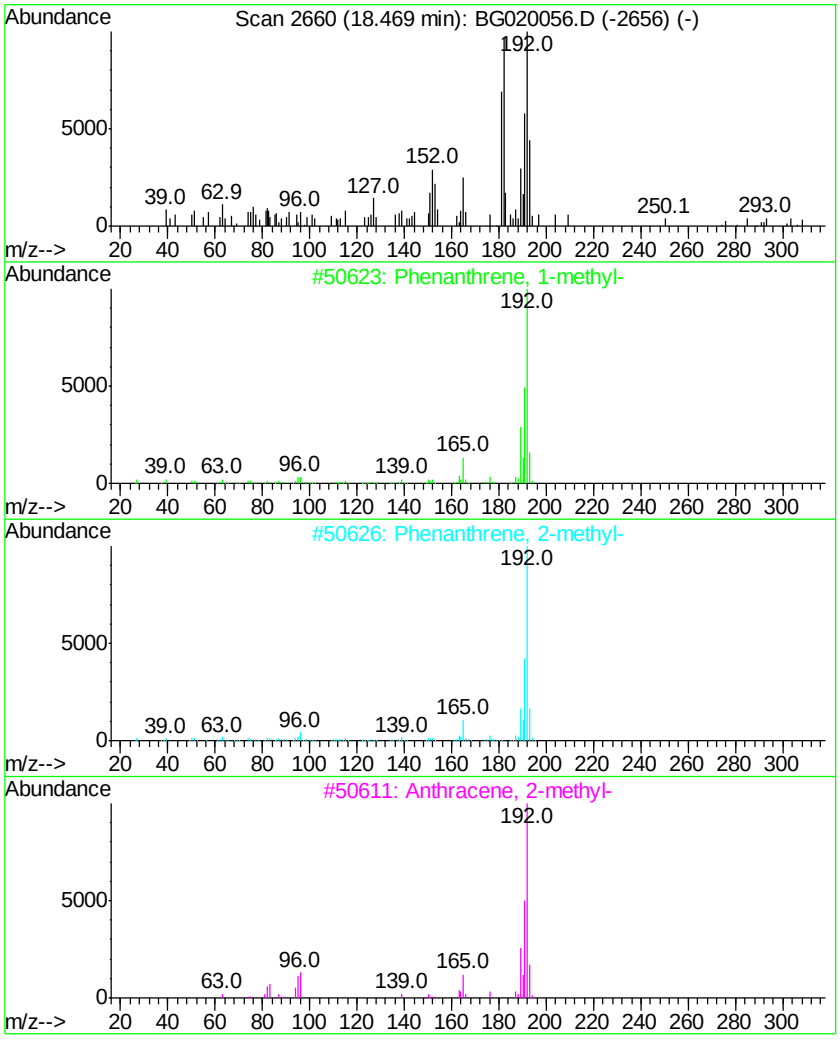
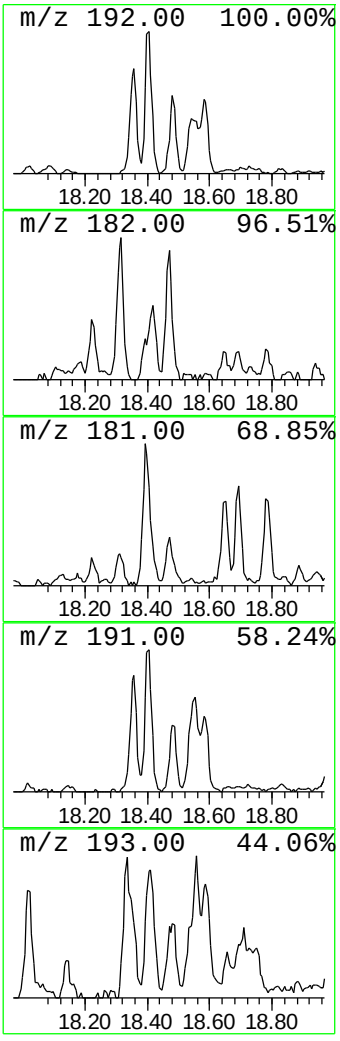
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.71 ng	87695	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78





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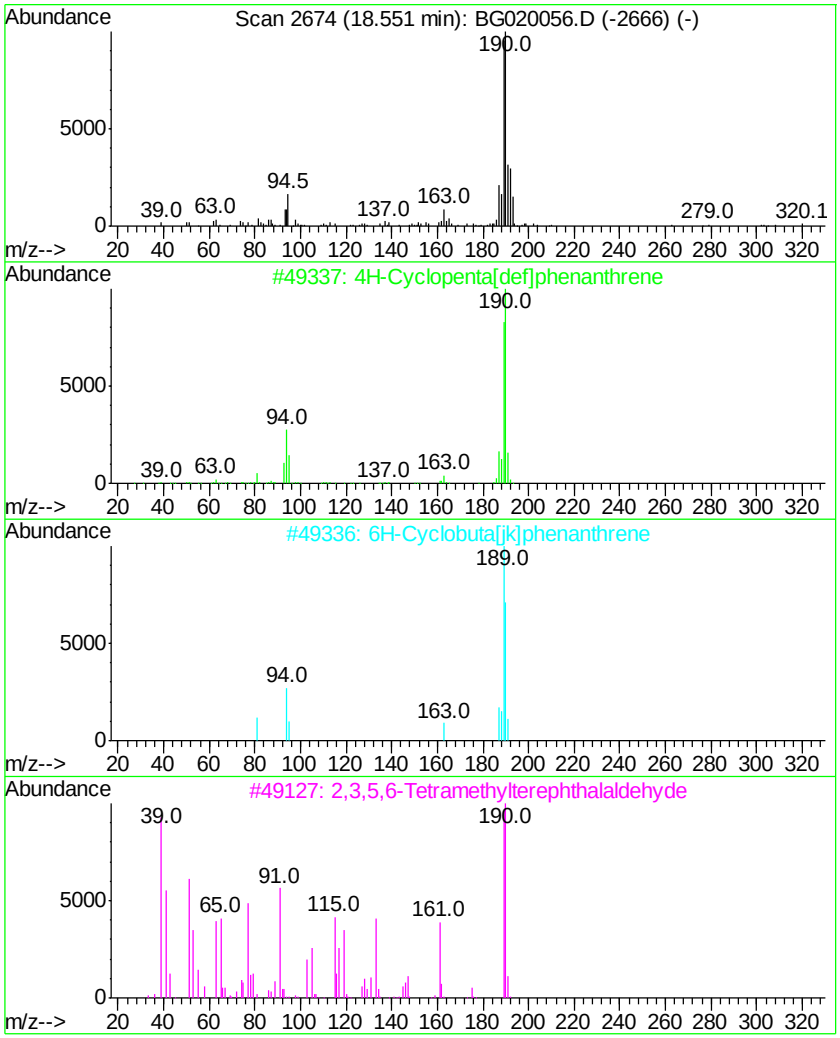
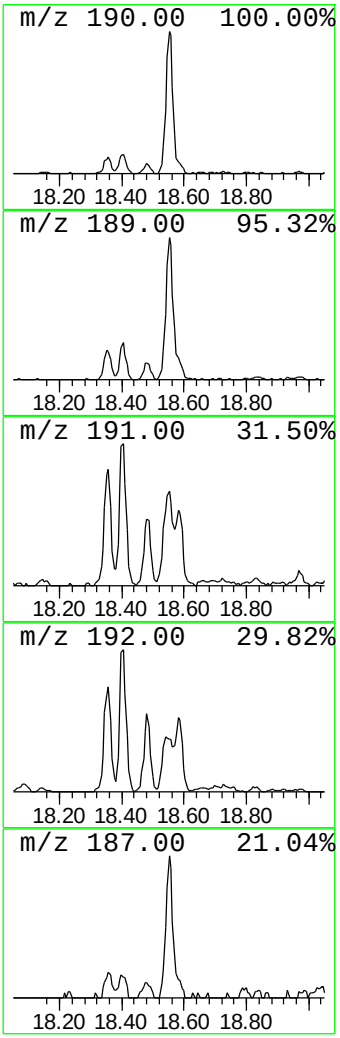
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	10.42 ng	194214	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	33





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Instrument : BNA_G
ClientSampleId : KENT-PIT-2

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

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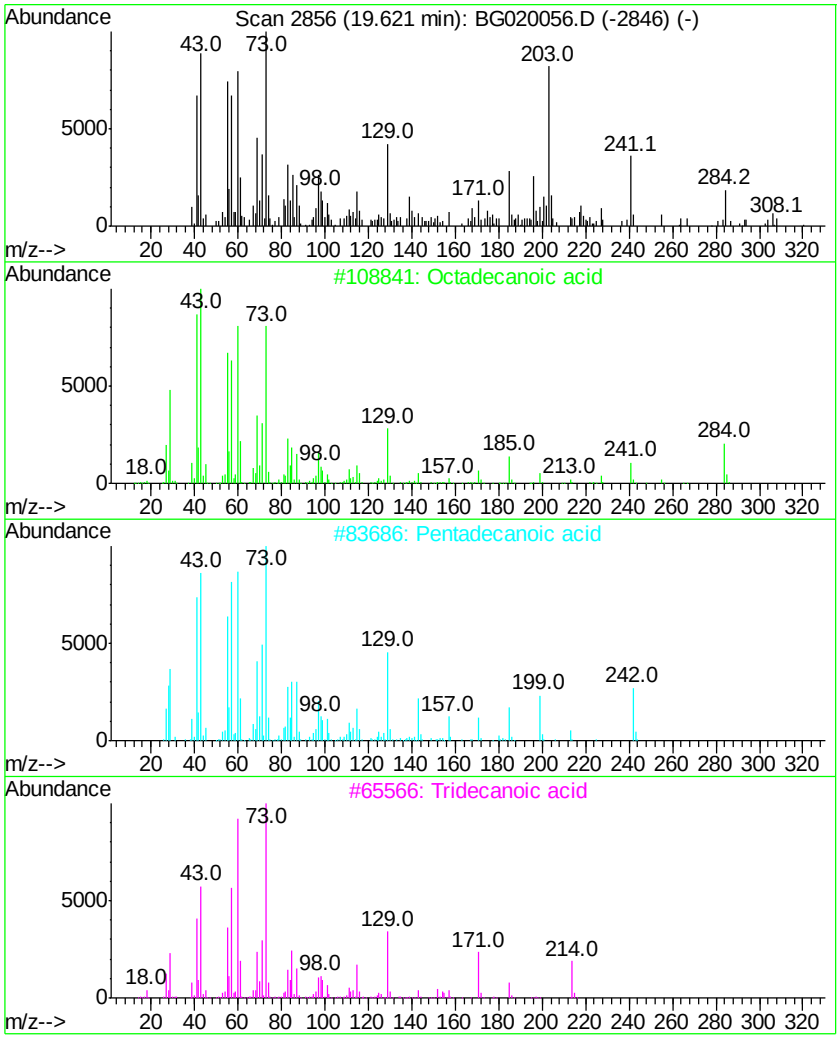
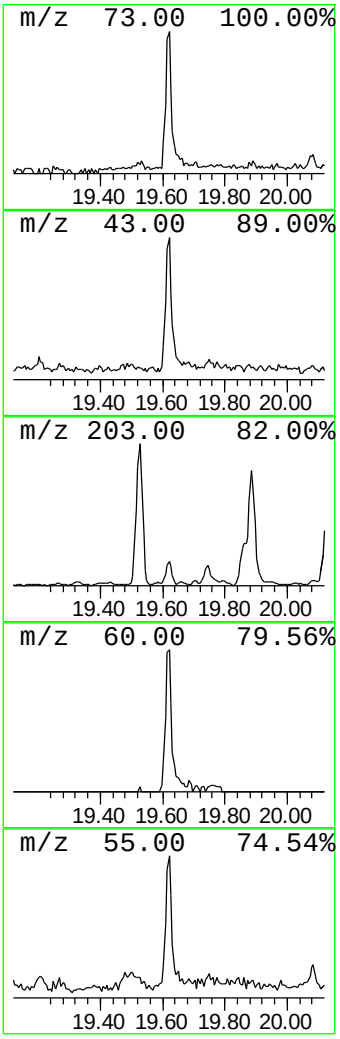
Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	4.35 ng	160929	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
Data File : BG020056.D
Acq On : 9 Dec 2015 23:11
Operator : UM/SJ
Sample : G4698-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KENT-PIT-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.22	17.8	ng	113272	1	8.11	127112	20.0
2-Pentanone, 4-hy...	5.18	13.4	ng	84958	1	8.11	127112	20.0
unknown7.64	7.64	54.2	ng	344725	1	8.11	127112	20.0
Phenol, 2,3-dimet...	10.39	4.3	ng	42671	2	10.93	196722	20.0
2-Benzothiophene #	11.10	5.4	ng	53340	2	10.93	196722	20.0
Isoquinoline	11.75	5.3	ng	52290	2	10.93	196722	20.0
Quinoline, 2-methyl-	12.69	5.1	ng	50228	2	10.93	196722	20.0
Naphthalene, 1,7-...	13.90	4.9	ng	78023	3	14.74	315808	20.0
Naphthalene, 1,3-...	14.06	7.3	ng	115602	3	14.74	315808	20.0
Naphtho[2,3-b]thi...	17.30	4.4	ng	82456	4	17.48	372747	20.0
Acridine	17.67	5.9	ng	109486	4	17.48	372747	20.0
2-Dibenzofuranol	18.03	4.7	ng	88180	4	17.48	372747	20.0
Anthracene, 9-met...	18.35	7.4	ng	138347	4	17.48	372747	20.0
1H-Cyclopropa[l]p...	18.40	9.7	ng	179809	4	17.48	372747	20.0
Phenanthrene, 1-m...	18.47	4.7	ng	87695	4	17.48	372747	20.0
4H-Cyclopenta[def...	18.55	10.4	ng	194214	4	17.48	372747	20.0
Octadecanoic acid	19.62	4.3	ng	160929	5	21.75	739454	20.0