LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043335.D
Acq On : 24 Oct 2019 17:31
Operator : JU
Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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	3.196	13	18	30	rVB	136883	237852	8.24%	0.601%
2	5.617	423	430	443	rBV	604168	1041982	36.10%	2.632%
3	6.011	490	497	507	rBV	80945	145979	5.06%	0.369%
4	7.215	691	702	716	rBV	617300	1218851	42.22%	3.078%
5	7.568	755	762	771	rBV	651050	1179344	40.85%	2.979%
6	8.026	833	840	850	rBV	175653	320662	11.11%	0.810%
7	8.349	887	895	902	rBV	474895	837600	29.02%	2.115%
8	9.189	1029	1038	1053	rBV	349995	709388	24.57%	1.792%
9	10.829	1309	1317	1324	rBV	217315	414914	14.37%	1.048%
10	13.273	1725	1733	1745	rBV	841326	1365737	47.31%	3.449%
11	13.972	1846	1852	1858	rBV3	25927	50195	1.74%	0.127%
12	14.101	1868	1874	1882	rBV	114409	186547	6.46%	0.471%
13	14.377	1915	1921	1933	rBV2	19872	49148	1.70%	0.124%
14	14.653	1959	1968	1974	rBV	373821	644534	22.33%	1.628%
15	14.718	1974	1979	1986	rVB	57696	99339	3.44%	0.251%
16	14.853	1997	2002	2012	rVB4	11405	29680	1.03%	0.075%
17	15.047	2029	2035	2042	rVV2	37731	66269	2.30%	0.167%
18	15.441	2095	2102	2104	rBV5	16415	33284	1.15%	0.084%
19	15.693	2140	2145	2155	rBV2	71904	135889	4.71%	0.343%
20	15.993	2191	2196	2202	rVB	34544	61039	2.11%	0.154%
21	16.140	2214	2221	2230	rBV	919644	1489846	51.61%	3.763%
22	16.375	2254	2261	2267	rVB	20481	40935	1.42%	0.103%
23	16.704	2308	2317	2320	rBV4	37464	79794	2.76%	0.202%
24	16.739	2320	2323	2330	rVV2	58323	96526	3.34%	0.244%
25	16.927	2348	2355	2359	rBV5	27148	60425	2.09%	0.153%
26	16.974	2359	2363	2364	rVV2	31942	47678	1.65%	0.120%
27	16.998	2364	2367	2372	rVV	68894	94198	3.26%	0.238%
28	17.051	2372	2376	2383	rVB4	35338	62226	2.16%	0.157%
29	17.127	2383	2389	2396	rBV5	35030	97478	3.38%	0.246%
30	17.215	2400	2404	2412	rVB2	53344	95925	3.32%	0.242%
31	17.397	2428	2435	2438	rBV	464671	758088	26.26%	1.915%
32	17.438	2438	2442	2449	rVV	1051833	1611798	55.84%	4.071%
33	17.527	2452	2457	2463	rVV	273752	457863	15.86%	1.156%
34	17.591	2463	2468	2473	rVV5	25569	56960	1.97%	0.144%

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.668	2477	2481	2487	rVV	107292	144676	5.01%	0.365%
36	17.803	2499	2504	2514	rBV3	54017	124030	4.30%	0.313%
37	17.914	2520	2523	2529	rVB3	28834	31281	1.08%	0.079%
38	17.979	2530	2534	2543	rVB6	30028	58799	2.04%	0.149%
39	18.279	2578	2585	2589	rBV2	205898	436171	15.11%	1.102%
40	18.320	2589	2592	2601	rVB	249760	386955	13.40%	0.977%
41	18.402	2601	2606	2611	rBV	101575	170810	5.92%	0.431%
42	18.467	2611	2617	2621	rBV2	240579	464085	16.08%	1.172%
43	18.572	2633	2635	2640	rVB5	26360	31385	1.09%	0.079%
44	18.766	2663	2668	2672	rBV	132987	200350	6.94%	0.506%
45	18.807	2672	2675	2683	rVB3	60409	106018	3.67%	0.268%
46	19.013	2706	2710	2714	rVB2	48680	65404	2.27%	0.165%
47	19.066	2716	2719	2722	rVV	50009	66017	2.29%	0.167%
48	19.101	2722	2725	2729	rVB	46469	56864	1.97%	0.144%
49	19.183	2734	2739	2744	rVV	116388	222543	7.71%	0.562%
50	19.248	2747	2750	2754	rVV4	71042	138207	4.79%	0.349%
51	19.324	2758	2763	2772	rVB4	86704	172892	5.99%	0.437%
52	19.448	2778	2784	2791	rBV	1898290	2834650	98.20%	7.159%
53	19.507	2791	2794	2797	rVV4	42798	57955	2.01%	0.146%
54	19.548	2797	2801	2806	rVV5	52590	88074	3.05%	0.222%
55	19.689	2822	2825	2829	rBV	59457	79151	2.74%	0.200%
56	19.812	2841	2846	2853	rVB	1562326	2383160	82.56%	6.019%
57	19.877	2853	2857	2864	rVB2	104281	194829	6.75%	0.492%
58	20.006	2872	2879	2884	rBV	1367640	1914830	66.33%	4.836%
59	20.141	2895	2902	2907	rBV4	131187	342627	11.87%	0.865%
60	20.270	2919	2924	2925	rBV3	87320	139834	4.84%	0.353%
61	20.300	2925	2929	2935	rVB	287459	448434	15.53%	1.133%
62	20.400	2942	2946	2950	rBV	165729	236473	8.19%	0.597%
63	20.458	2950	2956	2960	rVV2	154345	278058	9.63%	0.702%
64	20.599	2977	2980	2984	rBV	79846	95052	3.29%	0.240%
65	20.646	2984	2988	2992	rVV2	90962	123266	4.27%	0.311%
66	21.064	3054	3059	3065	rVB	147085	237856	8.24%	0.601%
67	21.299	3094	3099	3103	rBV2	360285	560936	19.43%	1.417%
68	21.393	3111	3115	3121	rVB2	150217	271793	9.42%	0.686%
69	21.551	3137	3142	3147	rVB	377670	532804	18.46%	1.346%
70	21.651	3152	3159	3166	rVV3	1066369	2886707	100.00%	7.291%
71	21.710	3166	3169	3181	rVB	757381	1334268	46.22%	3.370%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.880	3191	3198	3204	rVB2	299545	596520	20.66%	1.507%
73	21.951	3204	3210	3215	rVV	439195	749457	25.96%	1.893%
74	22.004	3216	3219	3223	rVV2	179643	288212	9.98%	0.728%
75	22.045	3223	3226	3238	rVB3	157415	395373	13.70%	0.999%
76	22.391	3281	3285	3291	rVB	132372	247074	8.56%	0.624%
77	23.860	3526	3535	3541	rBV2	495494	1586089	54.94%	4.006%
78	24.571	3649	3656	3668	rVB2	276129	859765	29.78%	2.171%
79	24.718	3673	3681	3696	rVB	422274	1242196	43.03%	3.137%
80	24.871	3699	3707	3715	rBV	350225	999390	34.62%	2.524%
81	28.514	4319	4327	4345	rVB2	174911	835154	28.93%	2.109%

Sum of corrected areas: 39594447

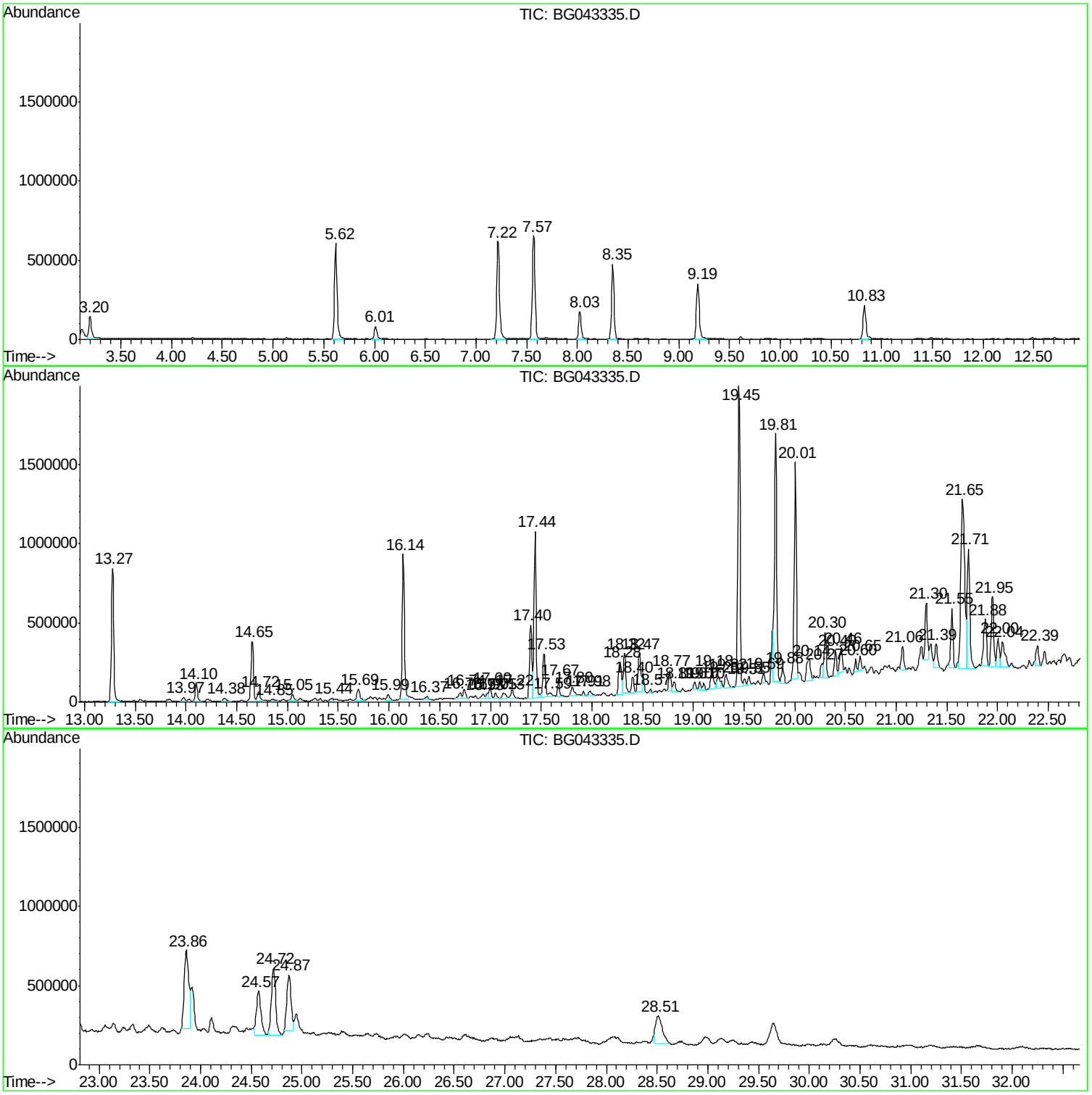
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043335.D
Acq On : 24 Oct 2019 17:31
Operator : JU
Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043335.D
Acq On : 24 Oct 2019 17:31
Operator : JU
Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

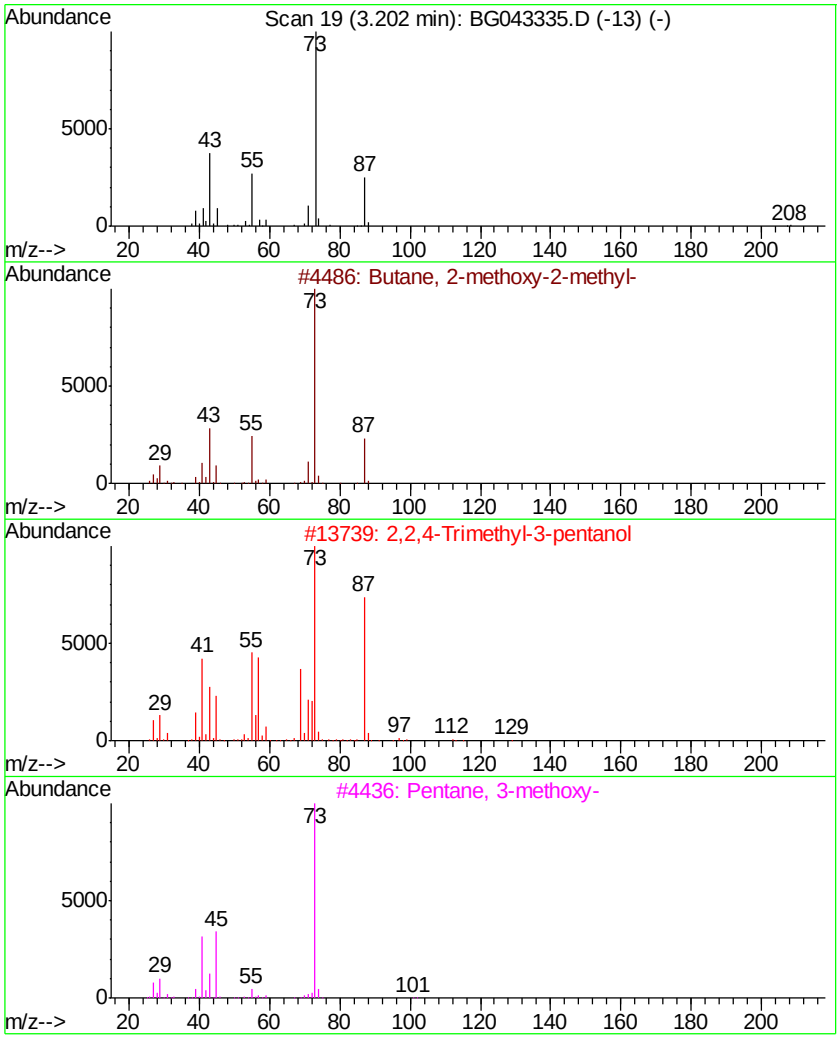
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

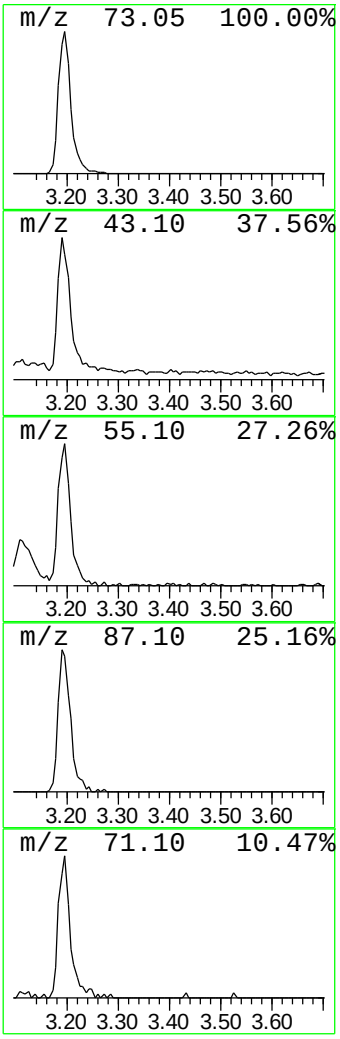
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	14.84 ng	237852	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043335.D
Acq On : 24 Oct 2019 17:31
Operator : JU
Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

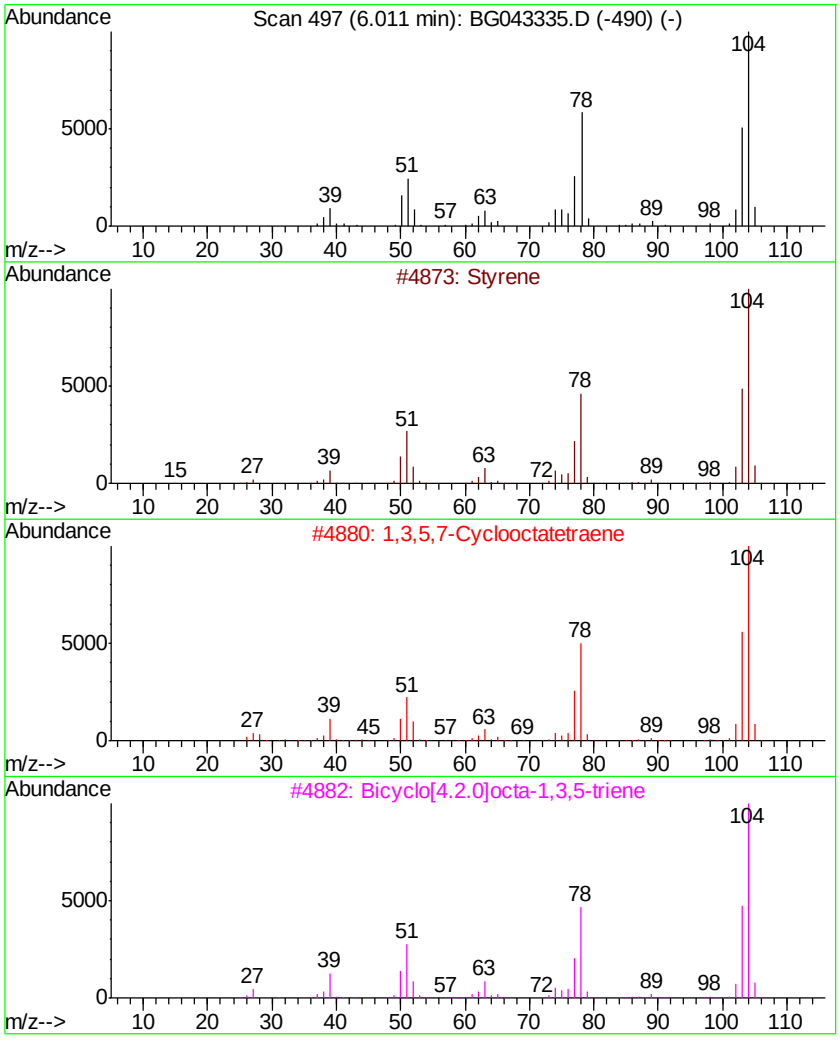
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

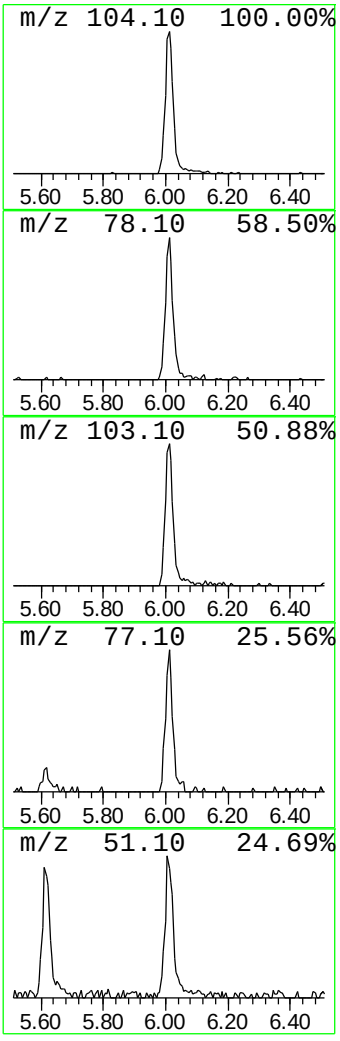
****

Peak Number 2 Styrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	9.10 ng	145979	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	94
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043335.D
Acq On : 24 Oct 2019 17:31
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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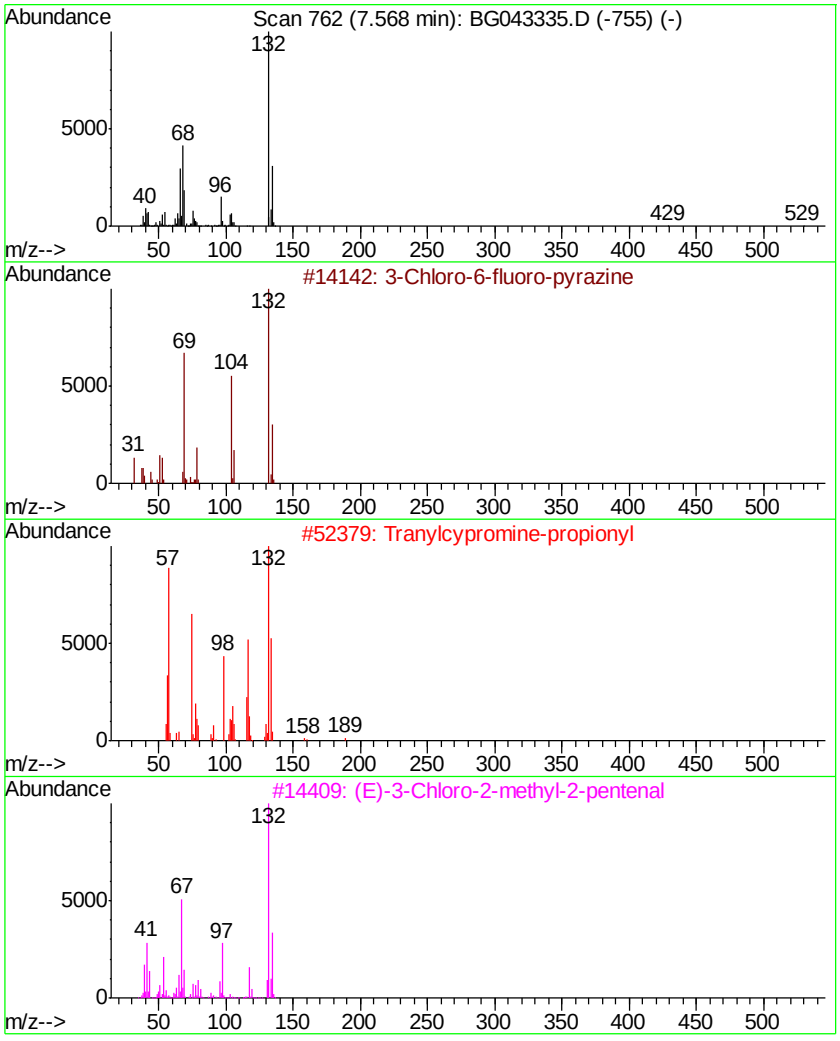
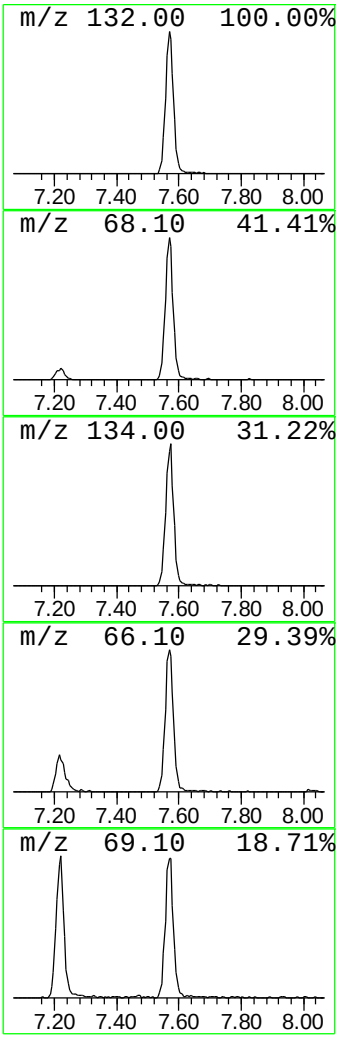
****

Peak Number 3 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	73.56 ng	1179340	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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TIC Library : C:\Database\NIST11.L
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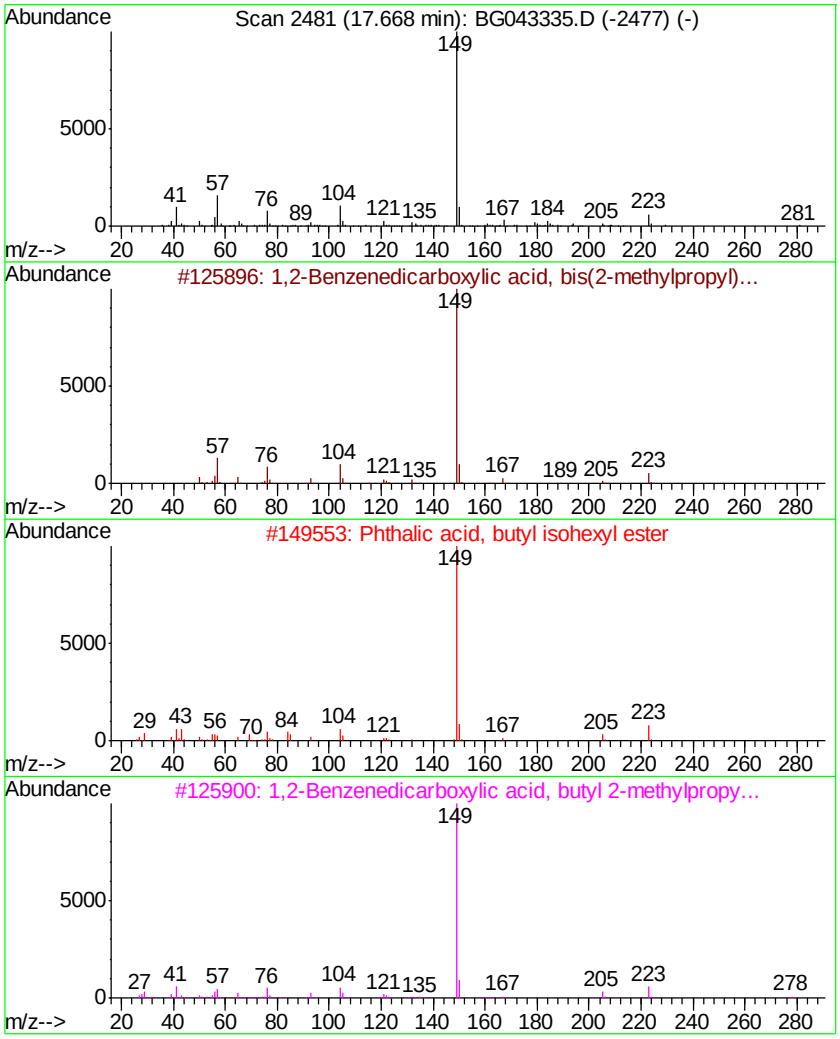
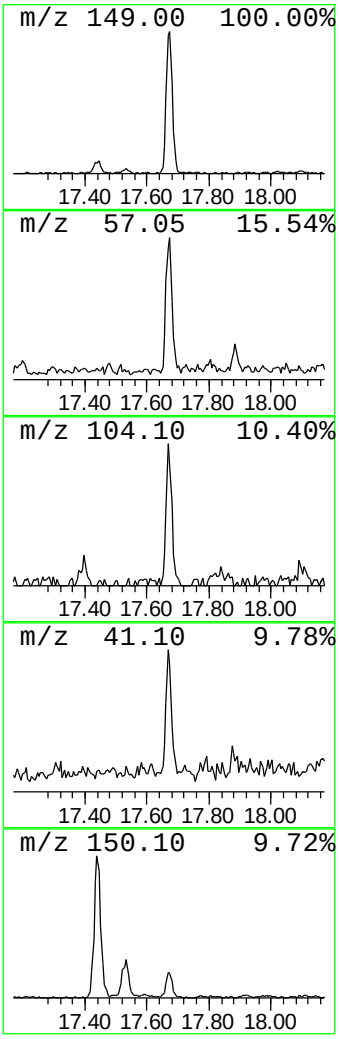
****
Peak Number 5 1,2-Benzenedicarboxylic aci... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.82 ng	144676	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	86
2	Phthalic acid, butyl isohexyl ester	306	C18H26O4	1000309-03-6	78
3	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	78
4	Phthalic acid, butyl 4-methoxyph...	328	C19H20O5	1000309-87-3	72
5	Phthalic acid, 3,5-dimethylpheny...	326	C20H22O4	1000309-78-2	72





Library Search Compound Report

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Acq On : 24 Oct 2019 17:31
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Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

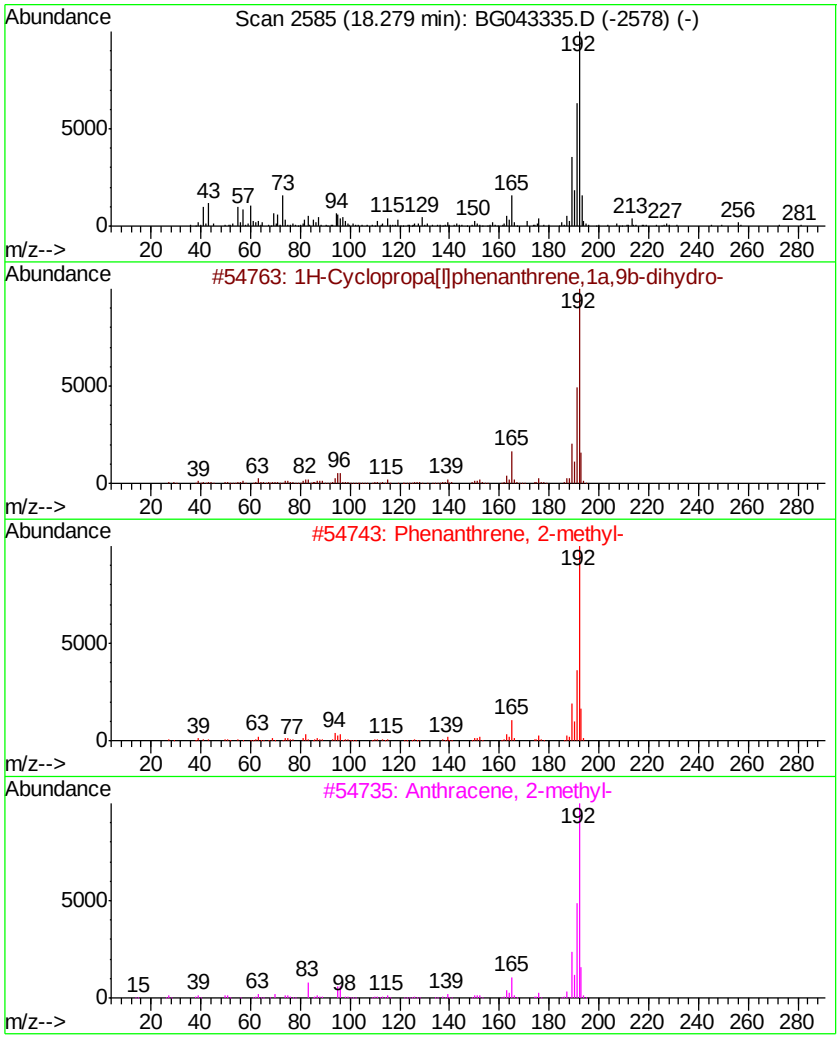
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

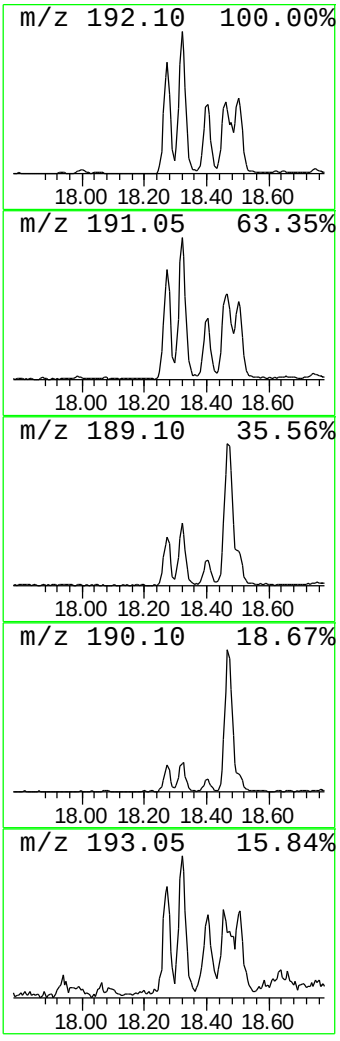
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	11.51 ng	436171	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





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Data File : BG043335.D
Acq On : 24 Oct 2019 17:31
Operator : JU
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Misc :
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Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

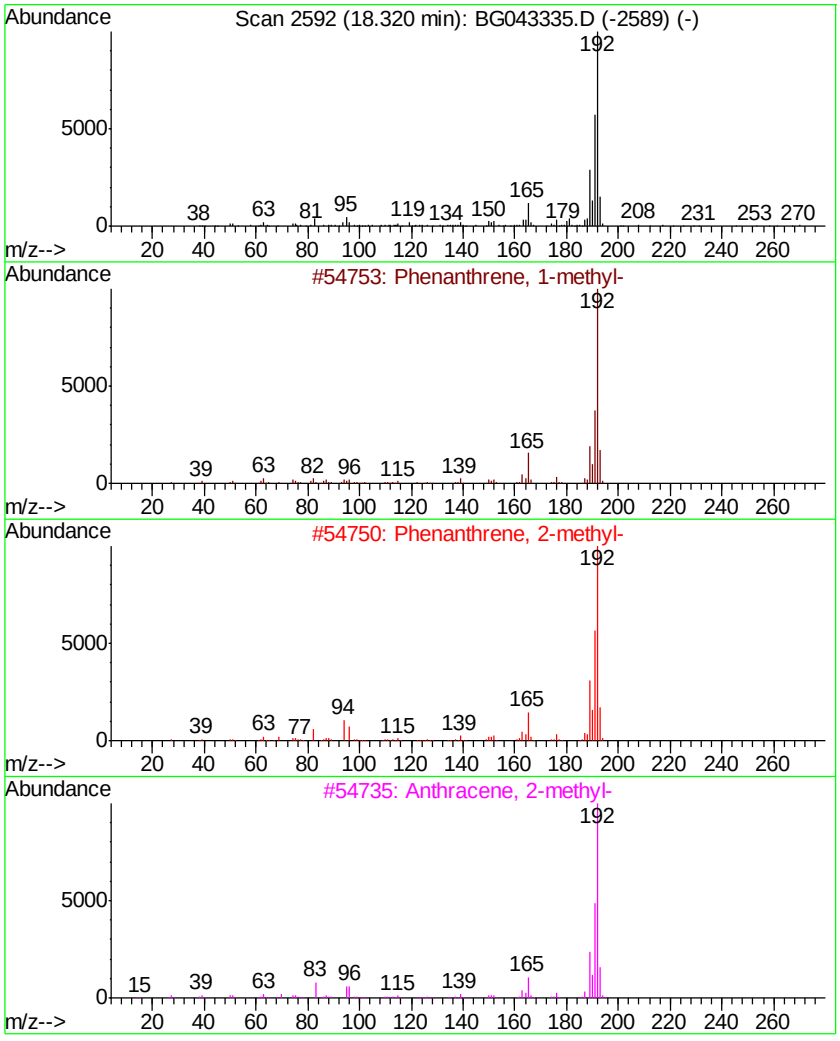
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

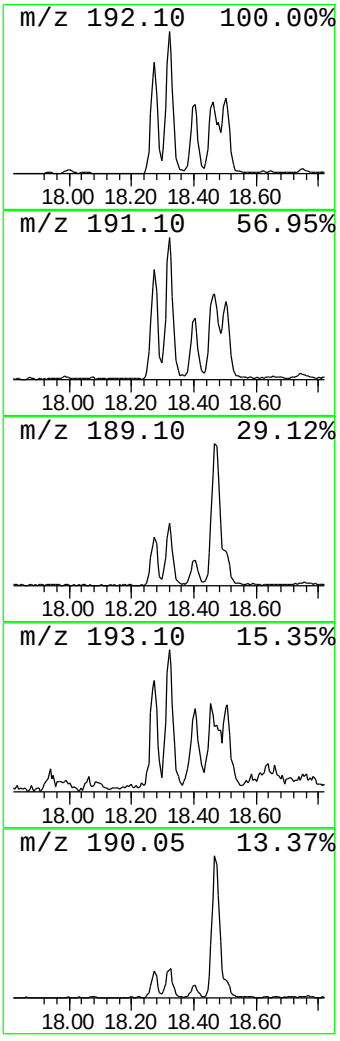
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	10.21 ng	386955	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 24 Oct 2019 17:31
Operator : JU
Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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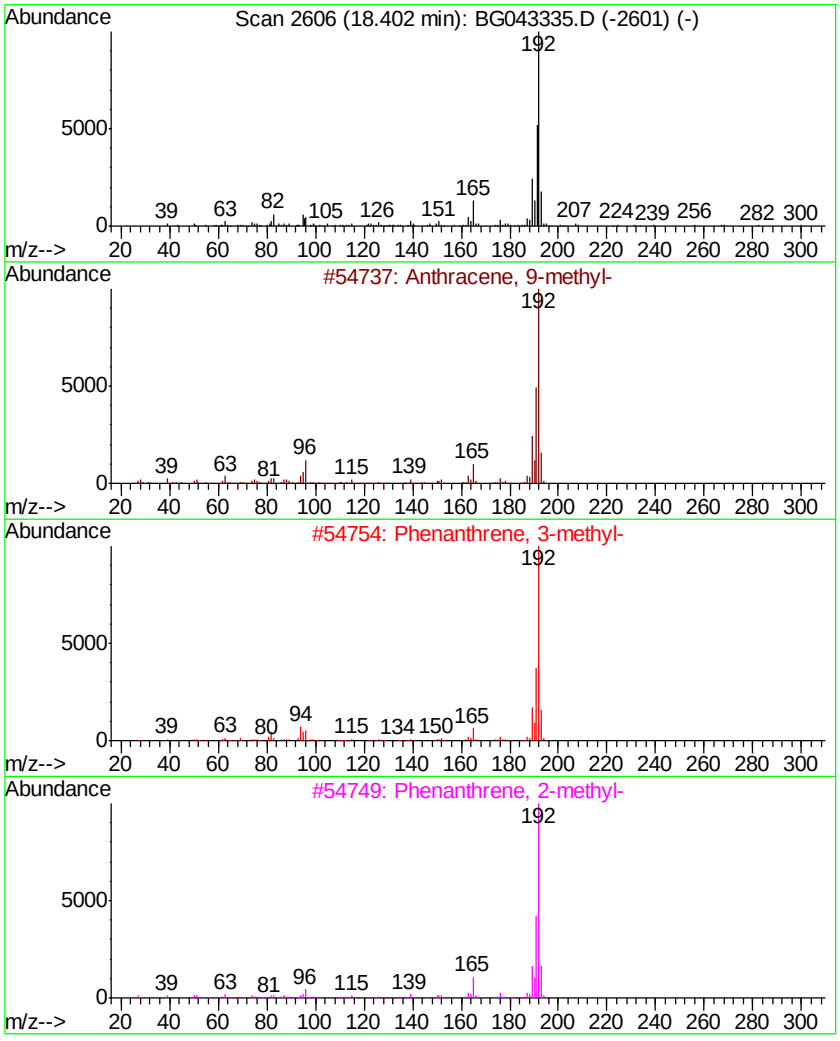
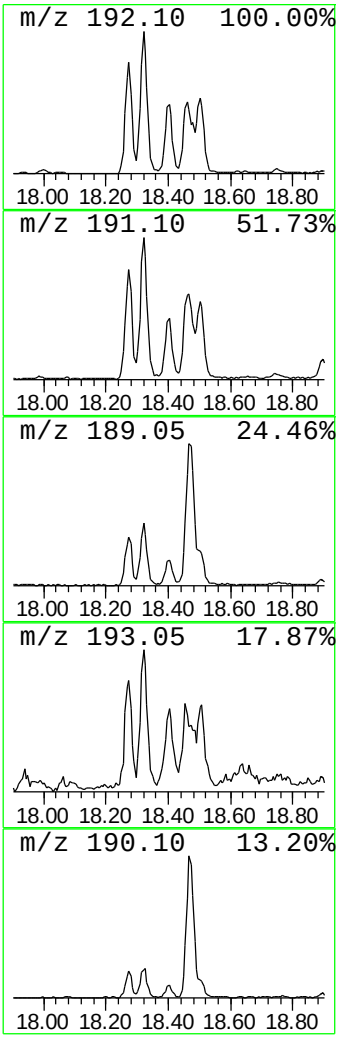
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.51 ng	170810	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

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Sample : K5499-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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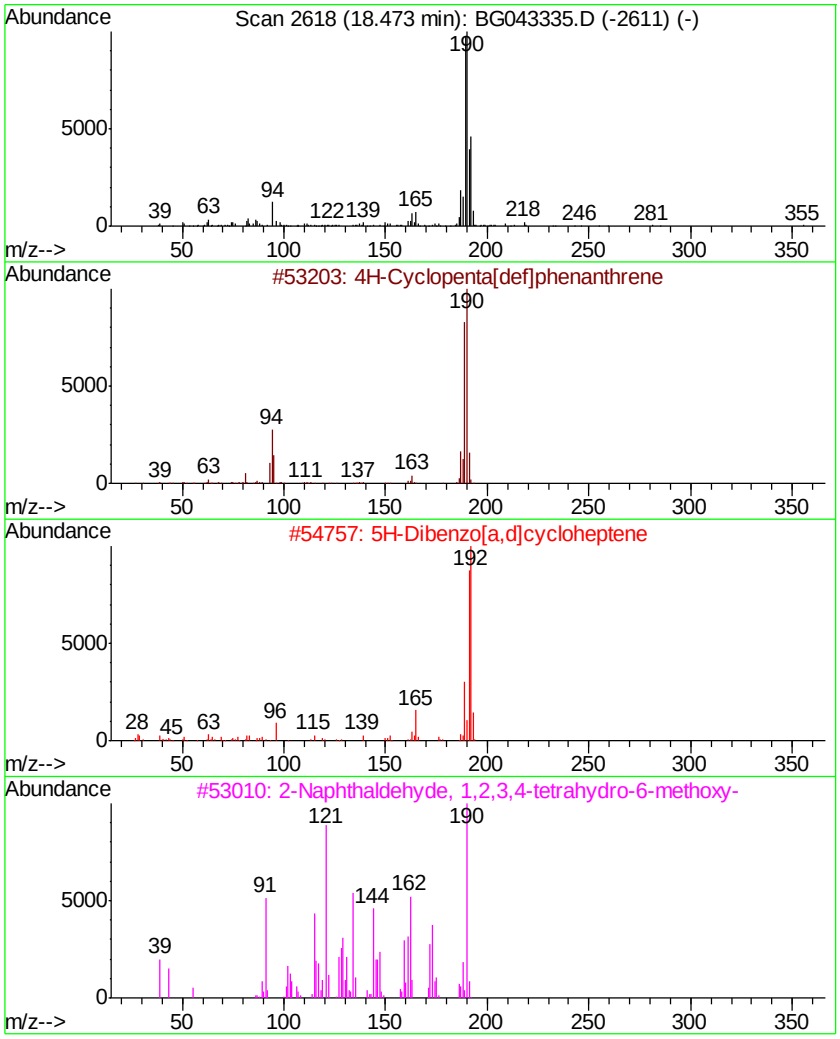
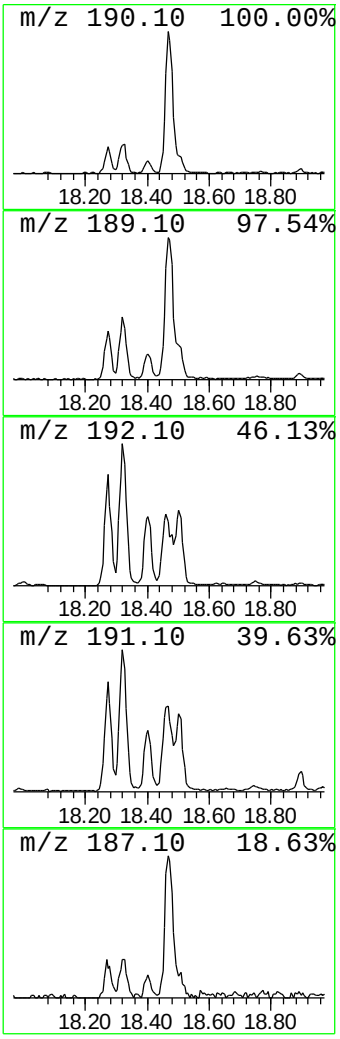
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	12.24 ng	464085	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
3	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	11
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	11
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	11





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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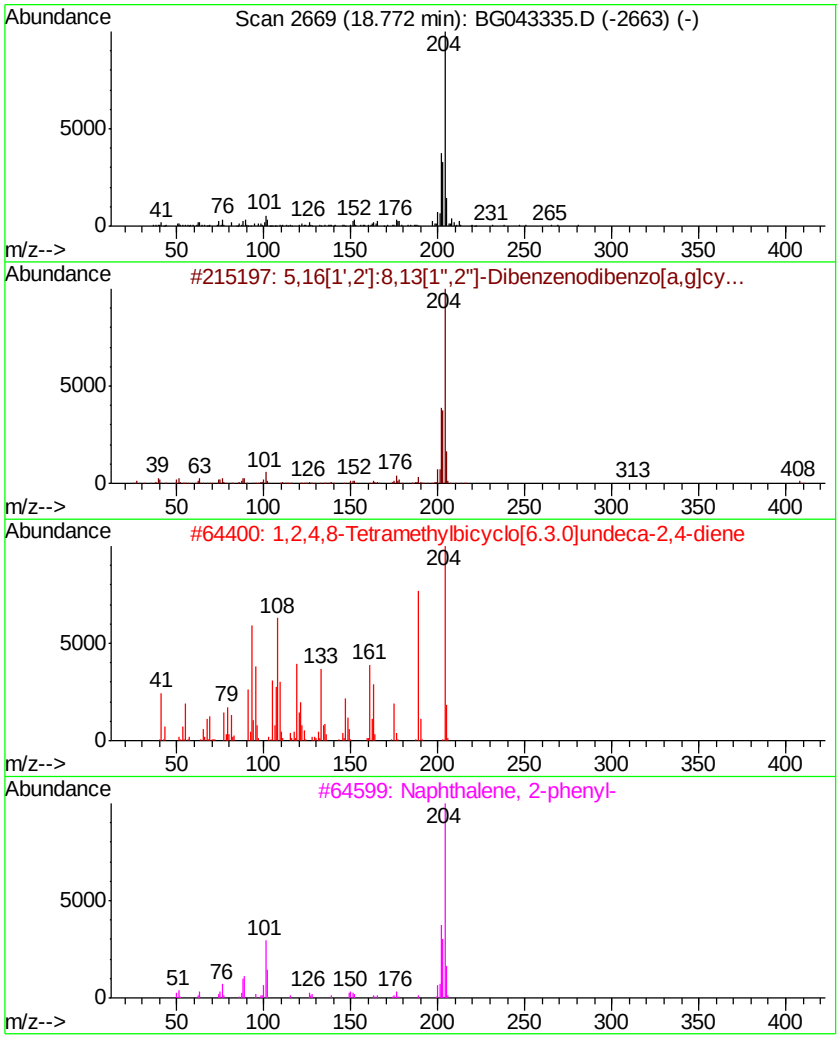
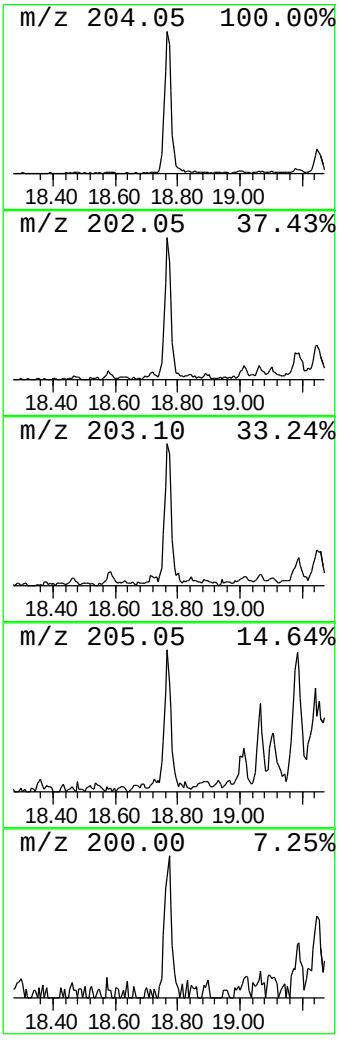
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	5.29 ng	200350	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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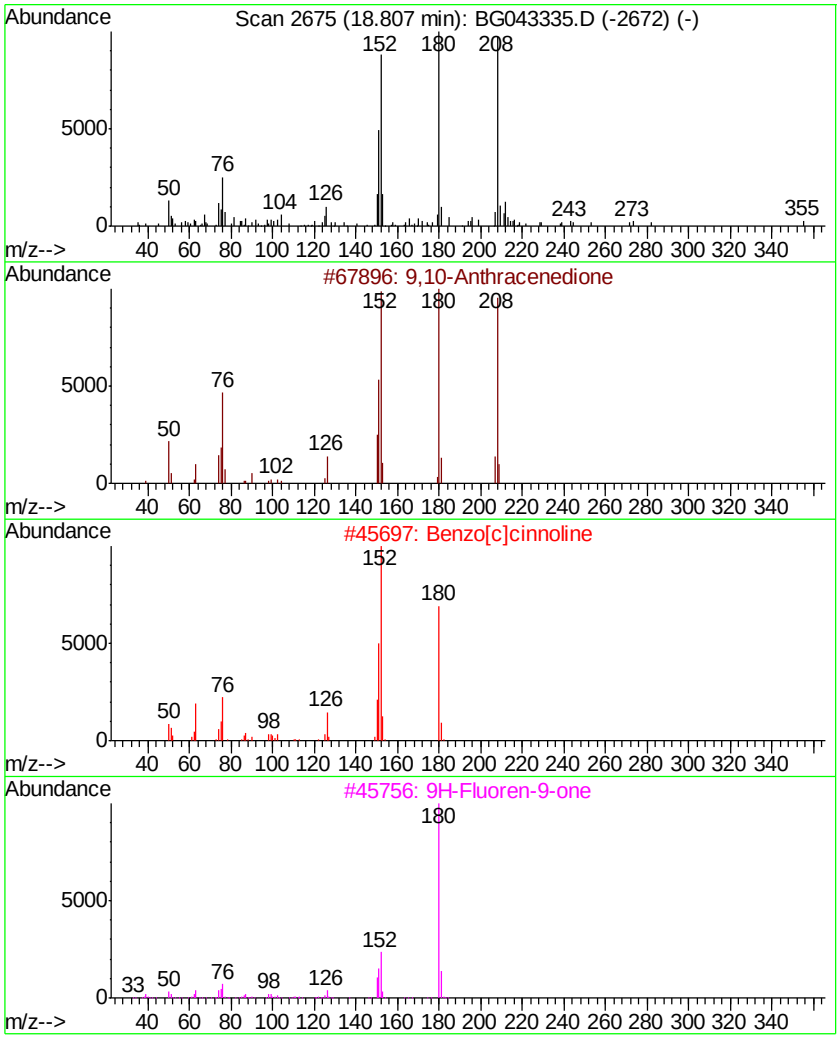
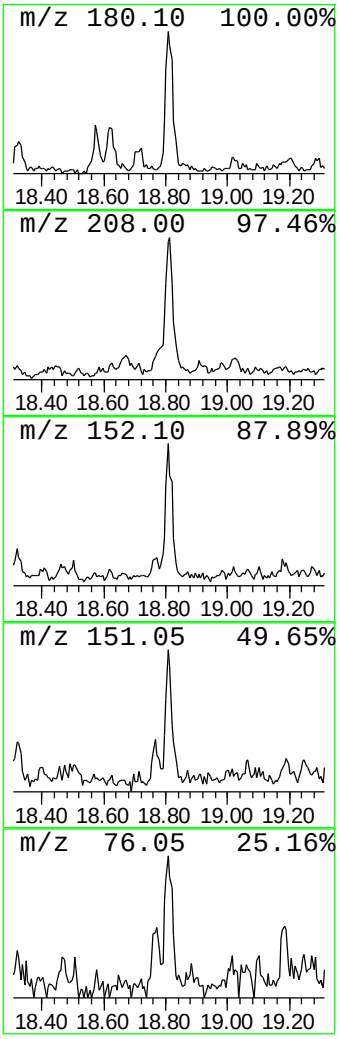
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.80 ng	106018	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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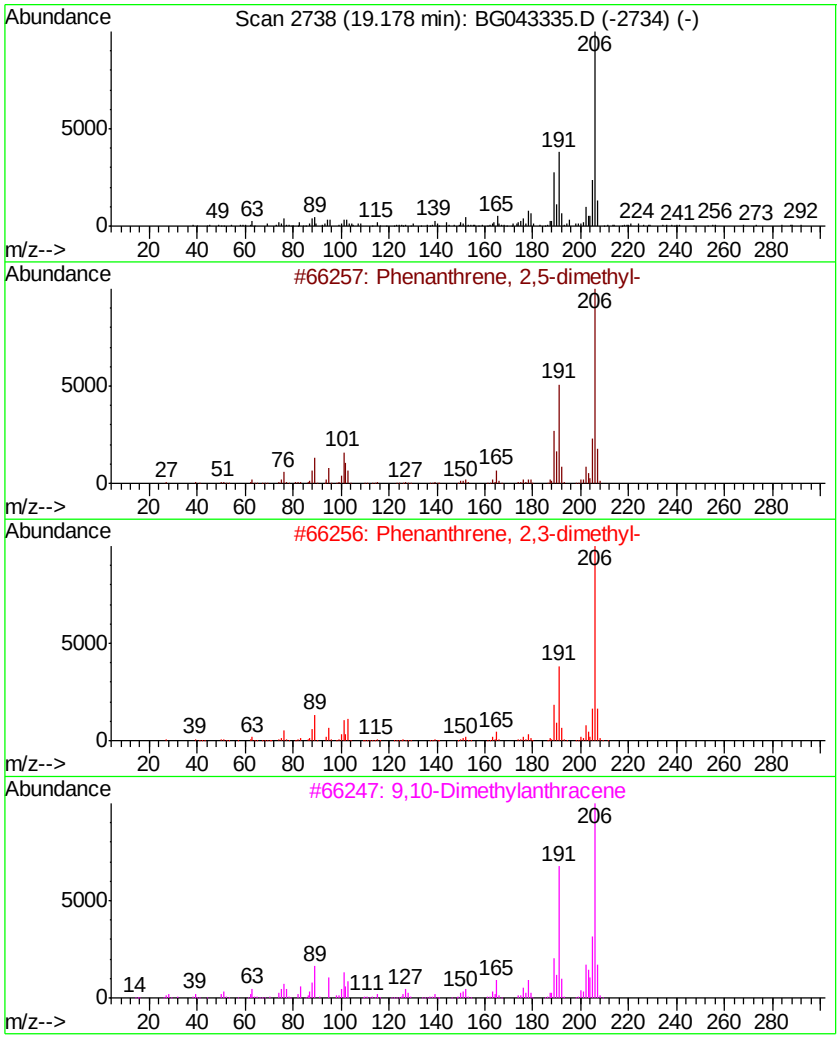
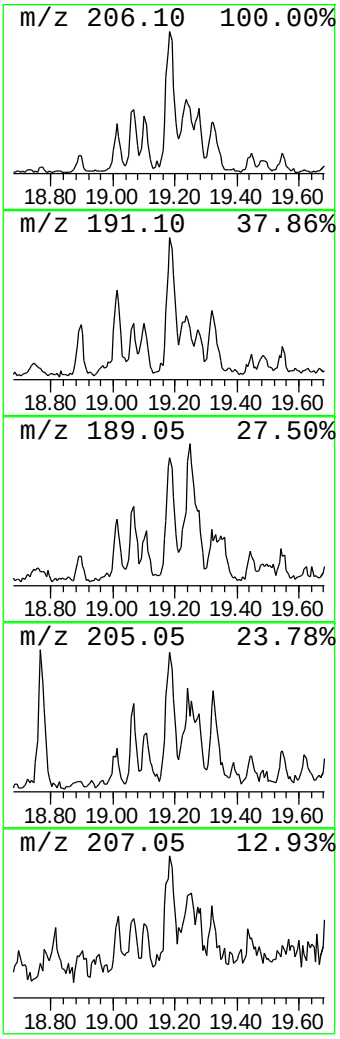
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	5.87 ng	222543	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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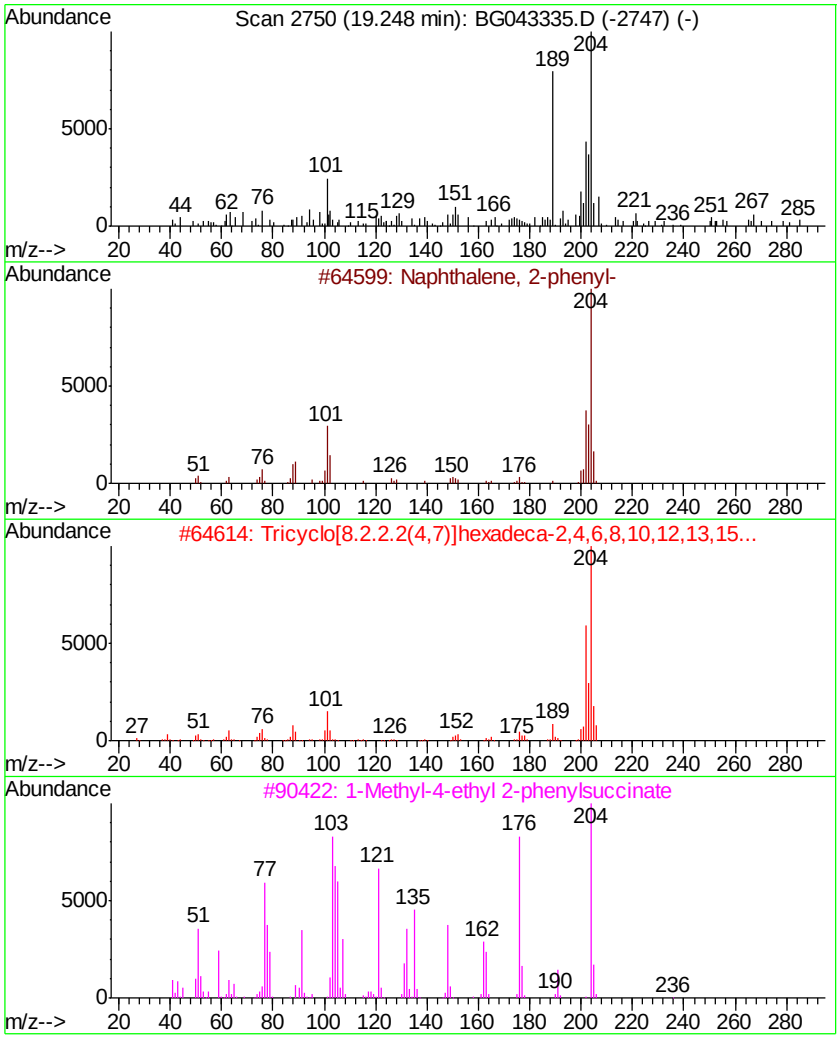
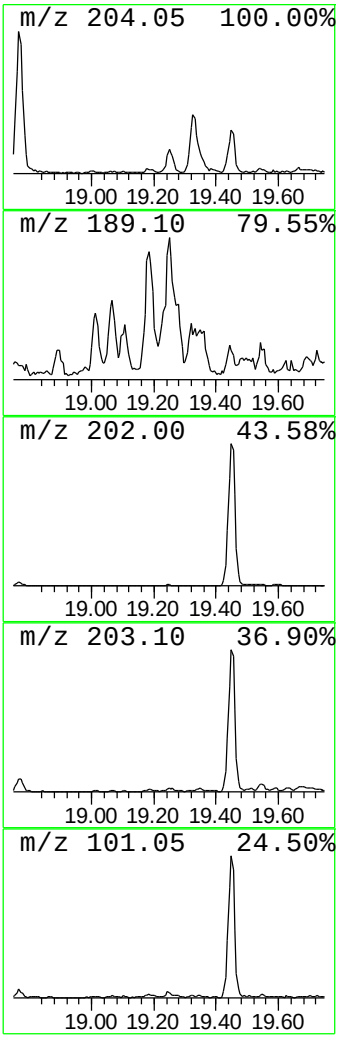
Peak Number 13 unknown19.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.65 ng	138207	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
3	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	35
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	32
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	25





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Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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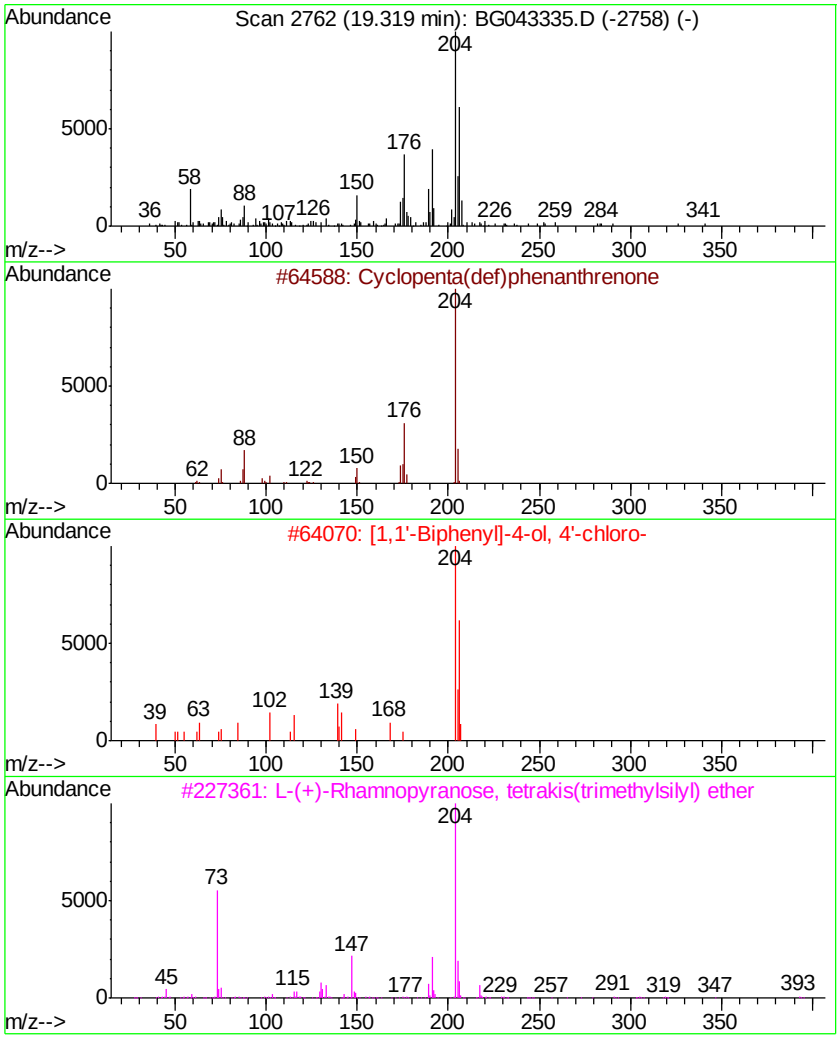
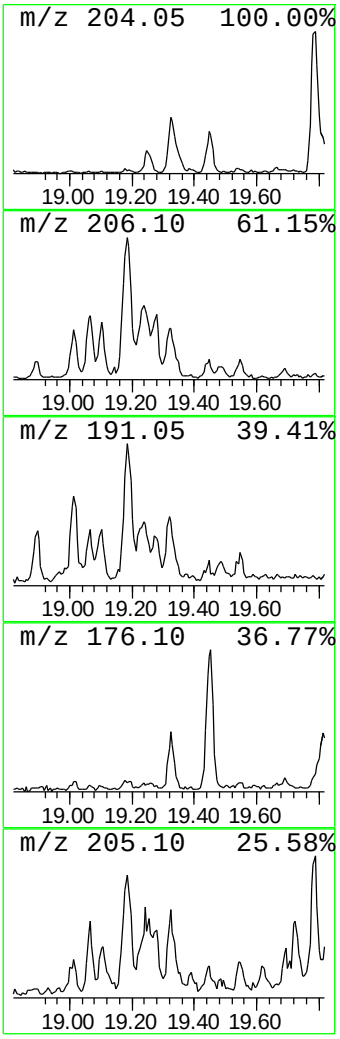
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	4.56 ng	172892	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
4	1-(2-Acetyl-3-chlorophenyl)-1H-p...	247	C13H10ClNO2	1000306-70-9	38
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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TIC Library : C:\Database\NIST11.L
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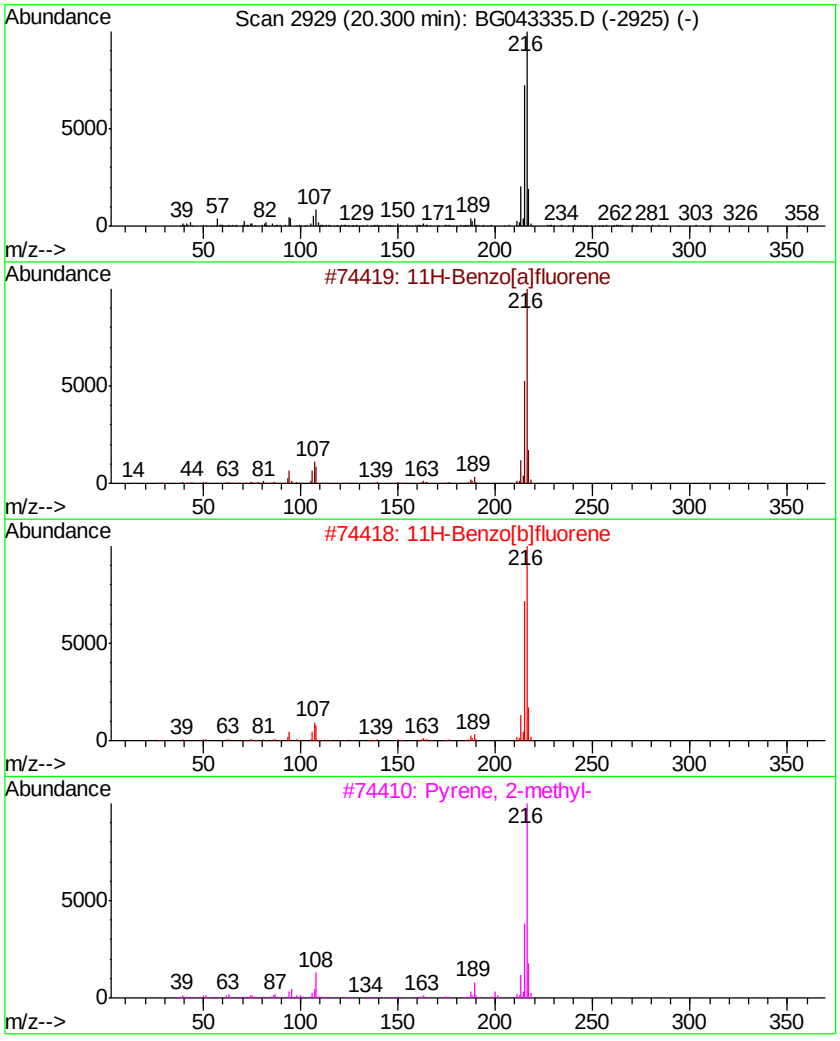
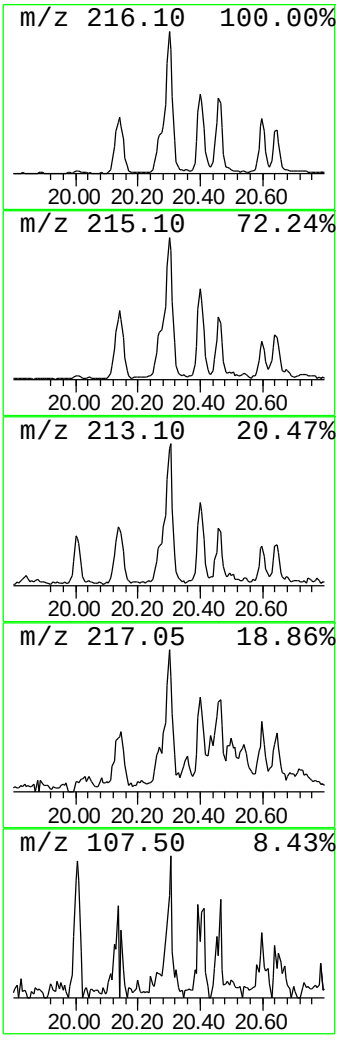
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.11 ng	448434	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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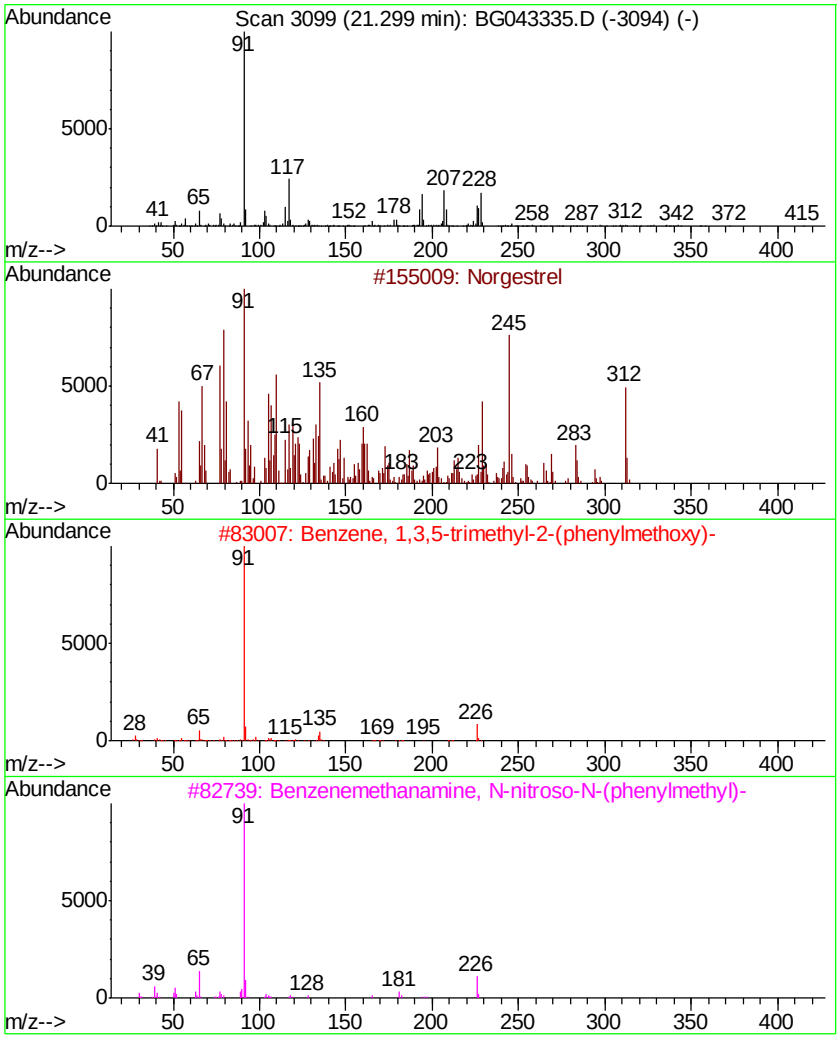
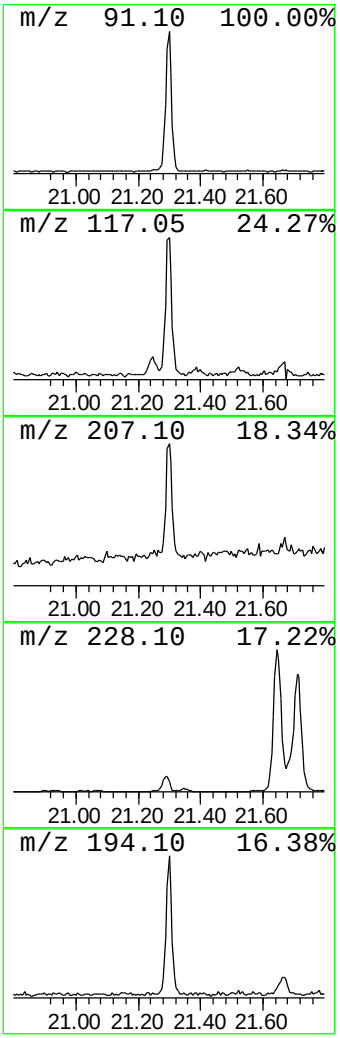
Peak Number 16 unknown21.30 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.89 ng	560936	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Norgestrel	312	C21H28O2	006533-00-2	20
2	Benzene, 1,3,5-trimethyl-2-(phen...	226	C16H18O	019578-76-8	14
3	Benzenemethanamine, N-nitroso-N-...	226	C14H14N2O	005336-53-8	14
4	Benzene, 1-nitro-4-(2-phenylethyl)-	227	C14H13NO2	014310-29-3	14
5	Benzeneacetic acid, phenylmethyl...	226	C15H14O2	000102-16-9	14





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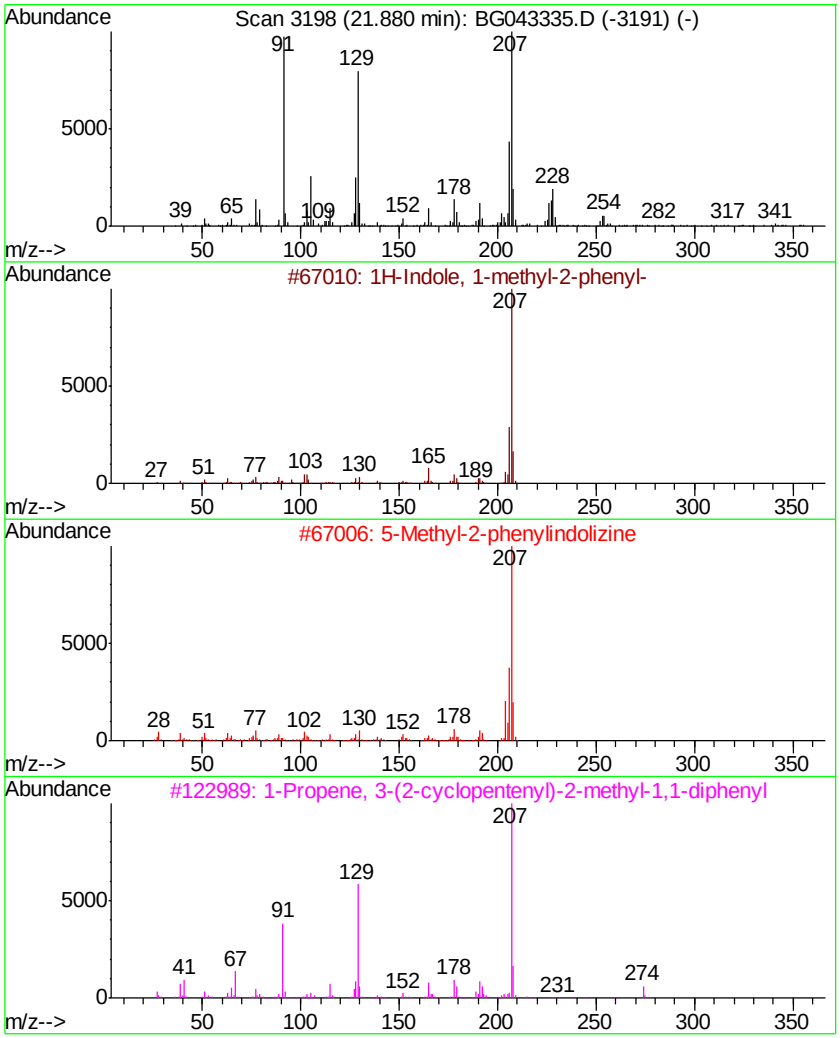
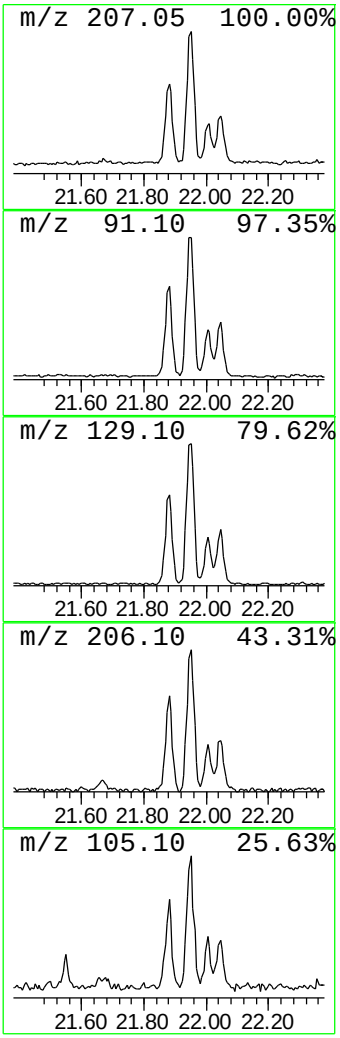
Peak Number 17 1H-Indole, 1-methyl-2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	4.13 ng	596520	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	50
2	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	45
3	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	40
4	Methadone N-oxide	325	C21H27NO2	1000120-80-7	40
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38





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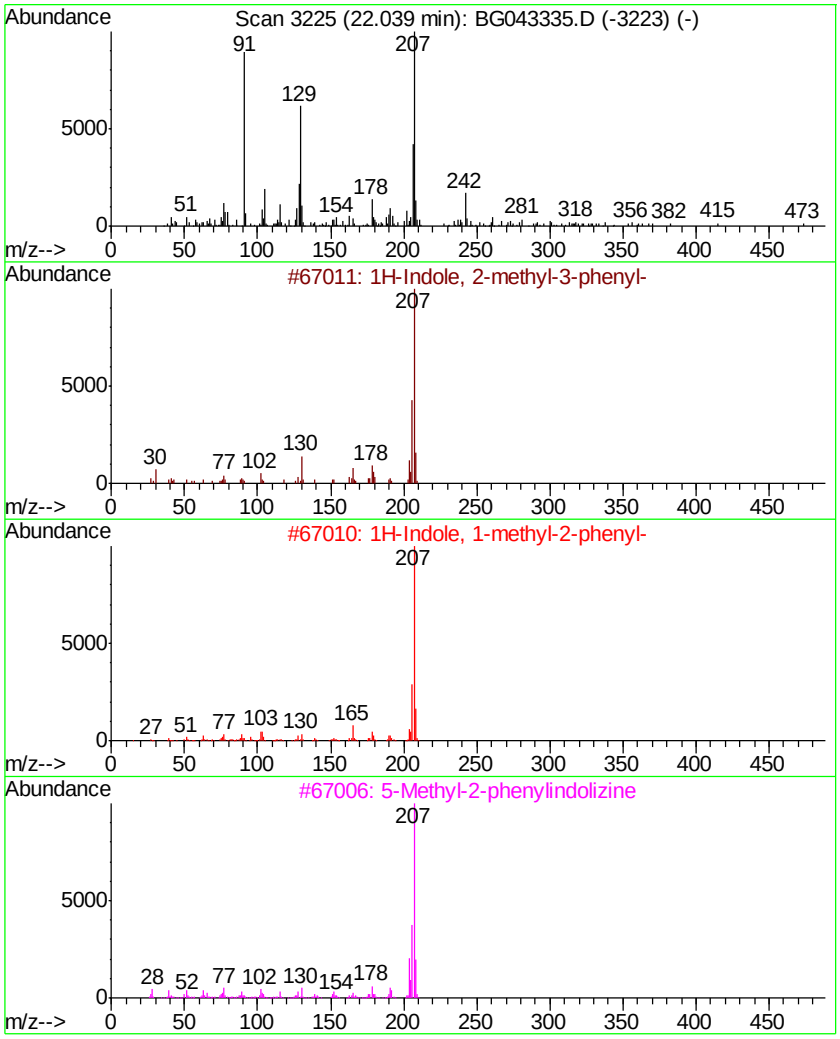
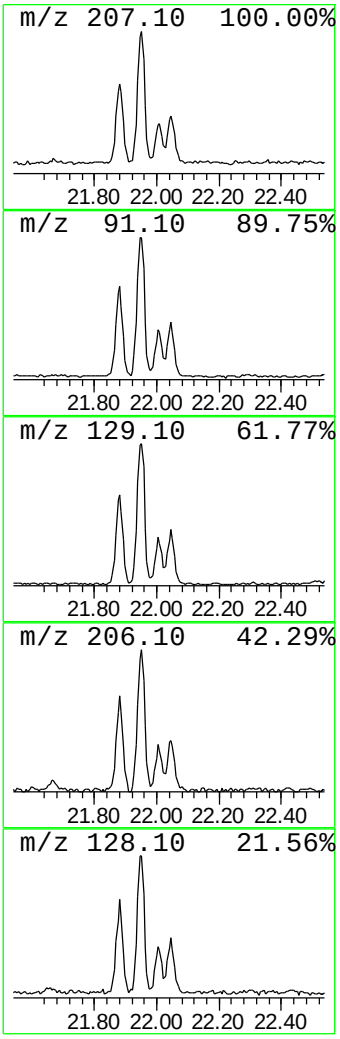
Peak Number 19 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.74 ng	395373	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	64
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	41
4	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	35
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	25





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Operator : JU
Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

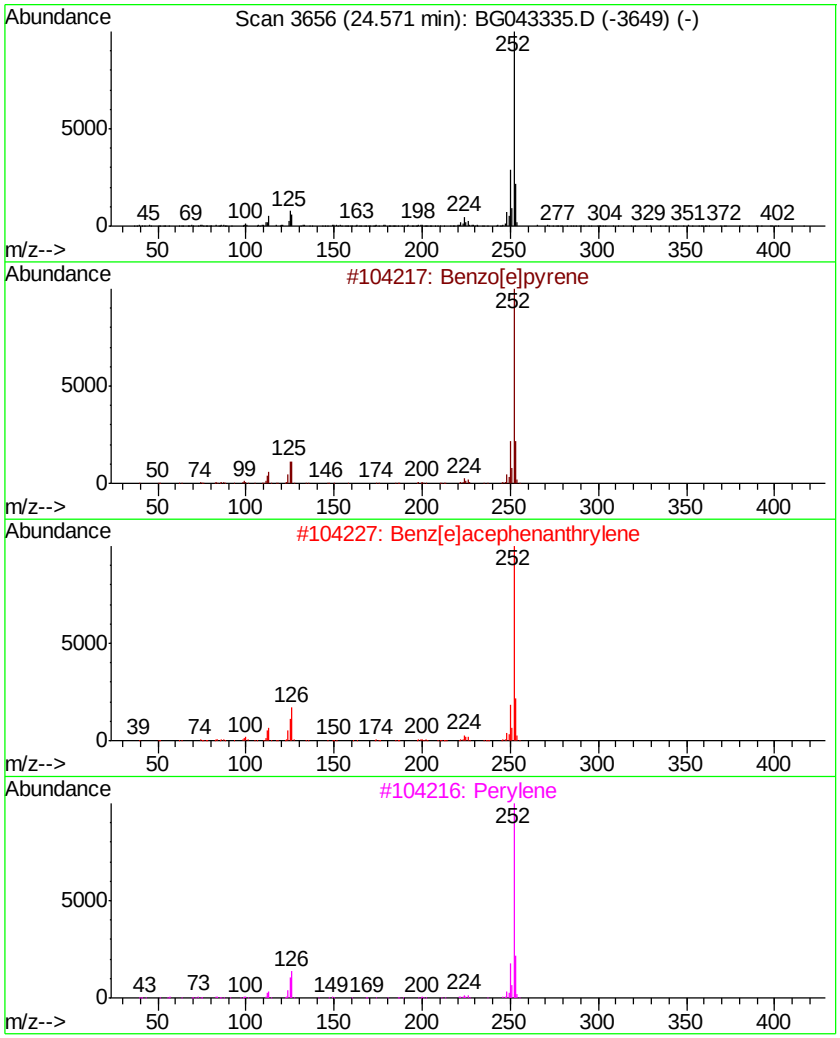
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

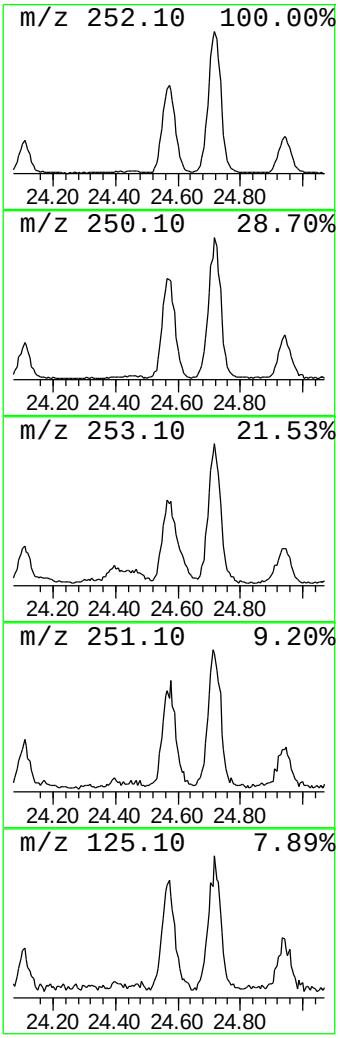
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	17.21 ng	859765	Perylene-d12	24.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102419\
Data File : BG043335.D
Acq On : 24 Oct 2019 17:31
Operator : JU
Sample : K5499-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 193-26-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	3.20	14.8	ng	237852	1	8.03	320662	20.0
Styrene	6.01	9.1	ng	145979	1	8.03	320662	20.0
unknown7.57	7.57	73.6	ng	1179340	1	8.03	320662	20.0
1,2-Benzenedicarb...	17.67	3.8	ng	144676	4	17.40	758088	20.0
1H-Cyclopropa[l]p...	18.28	11.5	ng	436171	4	17.40	758088	20.0
Phenanthrene, 1-m...	18.32	10.2	ng	386955	4	17.40	758088	20.0
Anthracene, 9-met...	18.40	4.5	ng	170810	4	17.40	758088	20.0
4H-Cyclopenta[def...	18.47	12.2	ng	464085	4	17.40	758088	20.0
5,16[1',2']:8,13[...	18.77	5.3	ng	200350	4	17.40	758088	20.0
9,10-Anthracenedione	18.81	2.8	ng	106018	4	17.40	758088	20.0
Phenanthrene, 2,5...	19.18	5.9	ng	222543	4	17.40	758088	20.0
unknown19.25	19.25	3.6	ng	138207	4	17.40	758088	20.0
Cyclopenta(def)ph...	19.32	4.6	ng	172892	4	17.40	758088	20.0
11H-Benzo[a]fluorene	20.30	3.1	ng	448434	5	21.67	2886710	20.0
unknown21.30	21.30	3.9	ng	560936	5	21.67	2886710	20.0
1H-Indole, 1-meth...	21.88	4.1	ng	596520	5	21.67	2886710	20.0
1H-Indole, 2-meth...	22.04	2.7	ng	395373	5	21.67	2886710	20.0
Benzo[e]pyrene	24.57	17.2	ng	859765	6	24.87	999390	20.0