LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

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-BG030922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.598	200	206	217	rVB	35769	56821	1.89%	0.202%
2	5.215	304	311	321	rBV	113239	175417	5.82%	0.624%
3	5.708	388	395	403	rBV	82785	140988	4.68%	0.502%
4	7.324	663	670	683	rBV	269788	475312	15.77%	1.691%
5	8.175	808	815	822	rBV	160834	273903	9.09%	0.974%
6	9.344	1007	1014	1022	rBV	196089	347213	11.52%	1.235%
7	11.013	1285	1298	1303	rBV	216946	405999	13.47%	1.444%
8	11.060	1303	1306	1314	rVB	48239	80286	2.66%	0.286%
9	12.663	1569	1579	1585	rBV	65834	108979	3.62%	0.388%
10	12.881	1607	1616	1623	rVB	67695	115566	3.83%	0.411%
11	13.445	1705	1712	1718	rBV	532447	813372	26.98%	2.893%
12	13.656	1738	1748	1754	rBV2	46736	89463	2.97%	0.318%
13	13.991	1796	1805	1806	rBV2	56065	88716	2.94%	0.316%
14	14.144	1825	1831	1836	rBV	92384	165308	5.48%	0.588%
15	14.197	1836	1840	1847	rVB	63683	100245	3.33%	0.357%
16	14.385	1866	1872	1875	rBV	43276	67088	2.23%	0.239%
17	14.549	1895	1900	1909	rVB2	22296	38610	1.28%	0.137%
18	14.790	1937	1941	1942	rBV2	40443	48910	1.62%	0.174%
19	14.825	1942	1947	1953	rVV	326312	512986	17.02%	1.825%
20	14.890	1953	1958	1965	rVB	233929	367511	12.19%	1.307%
21	15.031	1976	1982	1990	rBV4	20722	53593	1.78%	0.191%
22	15.131	1990	1999	2003	rBV5	12458	30537	1.01%	0.109%
23	15.219	2008	2014	2022	rVB	224188	367554	12.19%	1.307%
24	15.295	2022	2027	2033	rBV2	35306	58682	1.95%	0.209%
25	15.436	2045	2051	2056	rBV	37173	65441	2.17%	0.233%
26	15.489	2056	2060	2066	rVB	34190	52466	1.74%	0.187%
27	15.612	2073	2081	2083	rBV3	31195	65096	2.16%	0.232%
28	15.648	2083	2087	2091	rVB2	31571	48391	1.61%	0.172%
29	15.777	2105	2109	2117	rVB3	18258	30969	1.03%	0.110%
30	15.871	2117	2125	2134	rBV2	289618	467618	15.51%	1.663%
31	15.965	2134	2141	2143	rBV2	23586	38280	1.27%	0.136%
32	15.994	2143	2146	2149	rVV3	25799	36688	1.22%	0.131%
33	16.035	2149	2153	2157	rVB2	45016	57262	1.90%	0.204%
34	16.164	2170	2175	2182	rVB	100010	157152	5.21%	0.559%
35	16.311	2195	2200	2208	rVB	121520	237719	7.89%	0.846%
36	16.405	2208	2216	2221	rVB2	21978	46858	1.55%	0.167%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

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-BG030922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.540	2235	2239	2246	rVB5	31941	58017	1.92%	0.206%
38	16.875	2286	2296	2301	rBV4	58619	130537	4.33%	0.464%
39	16.922	2301	2304	2309	rVB2	22940	35383	1.17%	0.126%
40	17.022	2317	2321	2326	rVB4	27176	48086	1.60%	0.171%
41	17.104	2326	2335	2338	rBV4	48799	103770	3.44%	0.369%
42	17.140	2338	2341	2345	rVB3	25663	37378	1.24%	0.133%
43	17.228	2351	2356	2363	rVB	107728	162567	5.39%	0.578%
44	17.304	2363	2369	2374	rBV2	58433	106647	3.54%	0.379%
45	17.392	2380	2384	2393	rVB	134189	214584	7.12%	0.763%
46	17.580	2409	2416	2418	rBV	344089	541350	17.96%	1.926%
47	17.627	2418	2424	2429	rVV	1882434	3014304	100.00%	10.723%
48	17.709	2429	2438	2444	rVV	587833	889500	29.51%	3.164%
49	17.850	2458	2462	2467	rBV2	25563	46242	1.53%	0.164%
50	17.974	2476	2483	2488	rBV2	107014	201817	6.70%	0.718%
51	18.091	2499	2503	2510	rBV2	35605	51882	1.72%	0.185%
52	18.162	2511	2515	2522	rVB6	33863	62399	2.07%	0.222%
53	18.456	2559	2565	2569	rBV	173826	272240	9.03%	0.968%
54	18.503	2569	2573	2579	rVB	266950	388579	12.89%	1.382%
55	18.579	2581	2586	2591	rBV	125022	187830	6.23%	0.668%
56	18.649	2591	2598	2602	rBV2	258421	511890	16.98%	1.821%
57	18.685	2602	2604	2609	rVB	118730	130630	4.33%	0.465%
58	18.743	2611	2614	2619	rVB3	26371	40366	1.34%	0.144%
59	18.790	2619	2622	2626	rBV3	22839	32717	1.09%	0.116%
60	18.943	2643	2648	2652	rBV	153248	202444	6.72%	0.720%
61	18.990	2652	2656	2660	rVB	84441	114274	3.79%	0.407%
62	19.190	2686	2690	2695	rVB3	40258	58132	1.93%	0.207%
63	19.237	2695	2698	2701	rBV	32839	40314	1.34%	0.143%
64	19.278	2701	2705	2710	rVB2	34357	51154	1.70%	0.182%
65	19.360	2713	2719	2724	rBV	92080	178077	5.91%	0.633%
66	19.501	2739	2743	2750	rBV2	68381	131463	4.36%	0.468%
67	19.630	2758	2765	2770	rBV	1823562	2614650	86.74%	9.301%
68	19.719	2777	2780	2784	rVB2	40363	45865	1.52%	0.163%
69	19.865	2803	2805	2814	rVB	77465	121521	4.03%	0.432%
70	19.953	2815	2820	2822	rVV2	307676	467619	15.51%	1.663%
71	19.995	2822	2827	2833	rVB	1377540	2087663	69.26%	7.426%
72	20.053	2833	2837	2843	rBV2	85394	134167	4.45%	0.477%
73	20.171	2851	2857	2862	rBV2	814093	1069960	35.50%	3.806%
74	20.224	2863	2866	2872	rVB	81011	127558	4.23%	0.454%
75	20.300	2874	2879	2880	rBV	90015	126454	4.20%	0.450%
76	20.476	2904	2909	2913	rVB	167345	269392	8.94%	0.958%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

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-BG030922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.576	2922	2926	2929	rBV	90343	111434	3.70%	0.396%
78	20.635	2930	2936	2940	rVB2	122514	221593	7.35%	0.788%
79	20.776	2957	2960	2963	rBV	48250	59473	1.97%	0.212%
80	20.817	2965	2967	2977	rVB3	76099	129418	4.29%	0.460%
81	21.252	3037	3041	3048	rBV	112759	172031	5.71%	0.612%
82	21.487	3078	3081	3086	rVB	114991	171623	5.69%	0.611%
83	21.545	3086	3091	3096	rVV2	110185	208888	6.93%	0.743%
84	21.598	3097	3100	3108	rVB	114858	198816	6.60%	0.707%
85	21.869	3140	3146	3153	rBV3	707683	1688064	56.00%	6.005%
86	21.933	3153	3157	3168	rVB	498664	938747	31.14%	3.339%
87	22.098	3181	3185	3192	rVB	106046	172087	5.71%	0.612%
88	24.230	3540	3548	3555	rBV2	288836	988953	32.81%	3.518%
89	25.000	3675	3679	3692	rVB	169516	492776	16.35%	1.753%
90	25.158	3699	3706	3718	rVB2	266766	792002	26.27%	2.817%
91	25.323	3728	3734	3741	rVB2	147161	369172	12.25%	1.313%

Sum of corrected areas: 28111498

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Misc :
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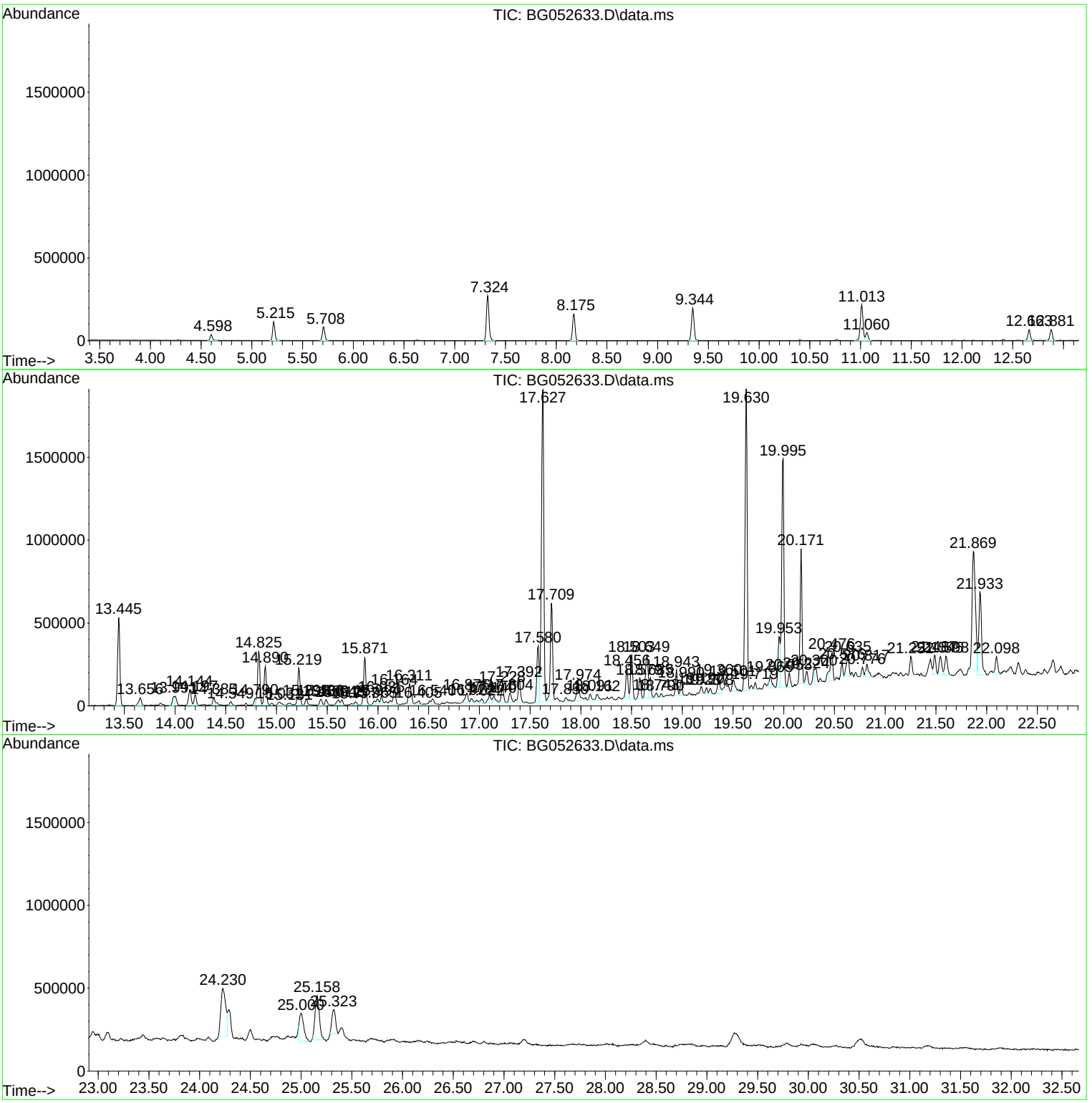
Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
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Sample : N1845-12 2X
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

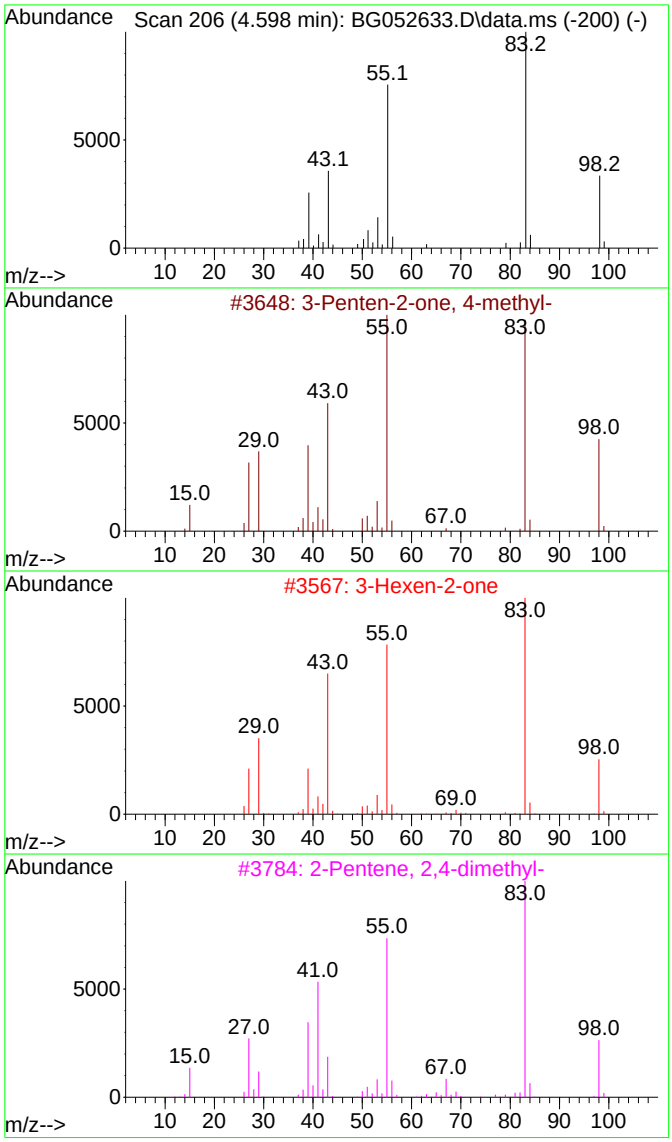
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

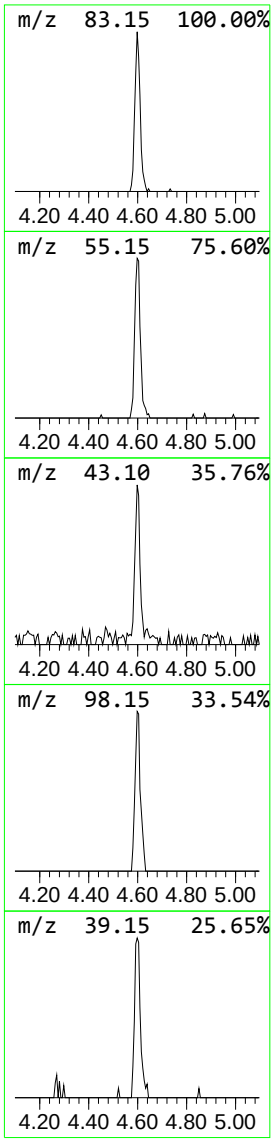
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.598	4.15 ng	56821	1,4-Dichlorobenzene-d4	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

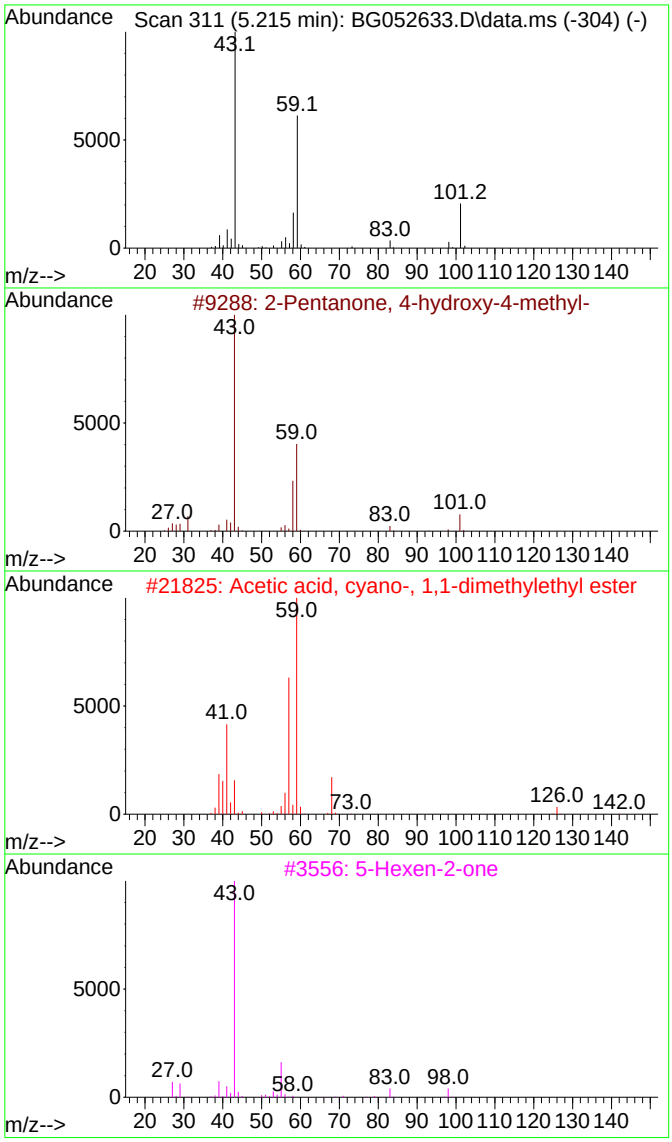
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

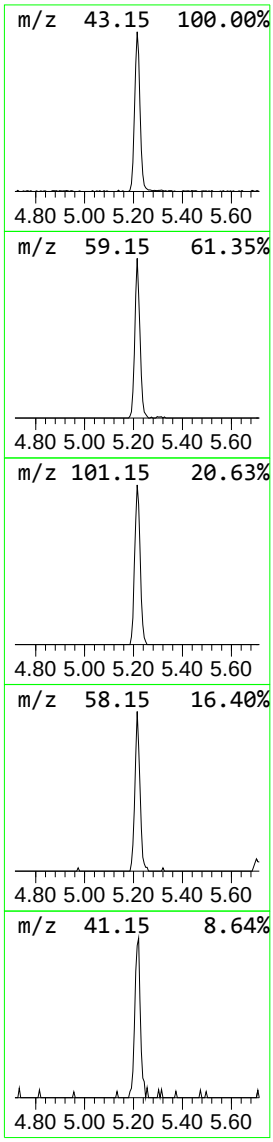
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.215	12.81 ng	175417	1,4-Dichlorobenzene-d4	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

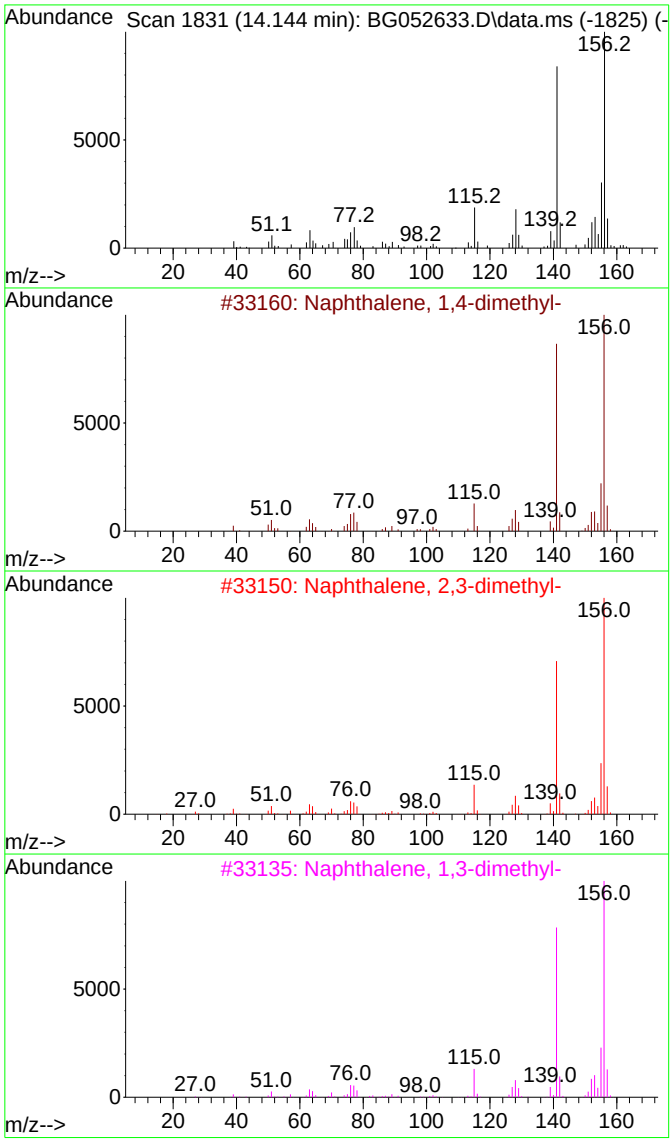
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

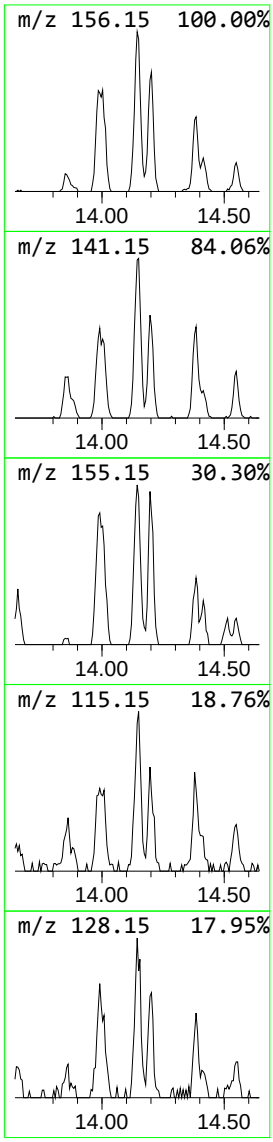
****

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.144	6.44 ng	165308	Acenaphthene-d10	14.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
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Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

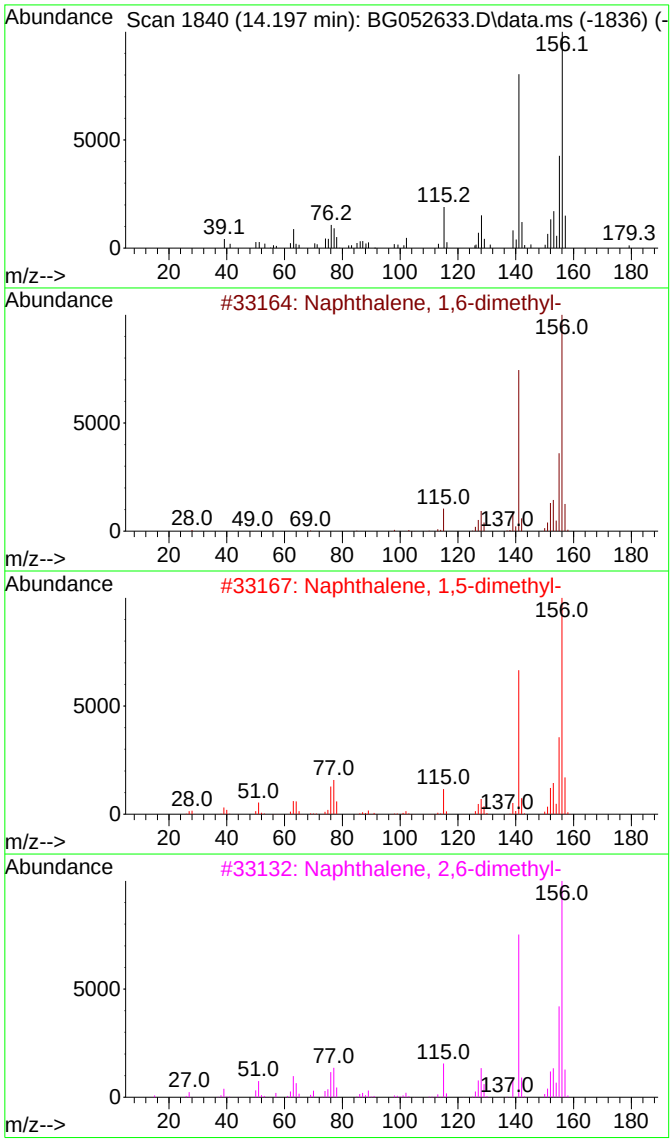
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

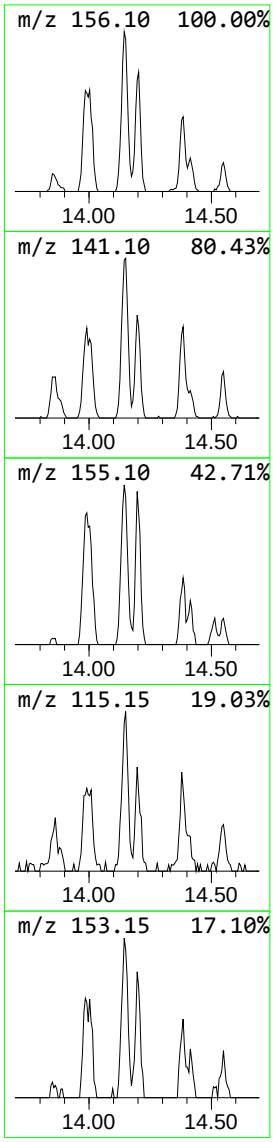
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.197	3.91 ng	100245	Acenaphthene-d10	14.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

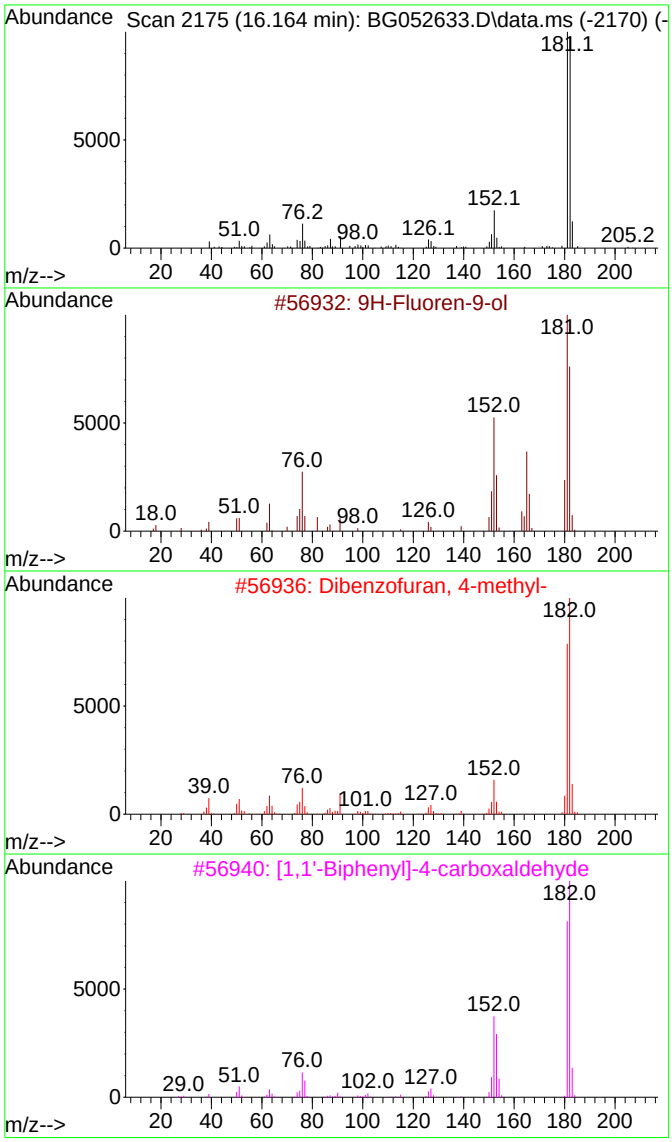
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

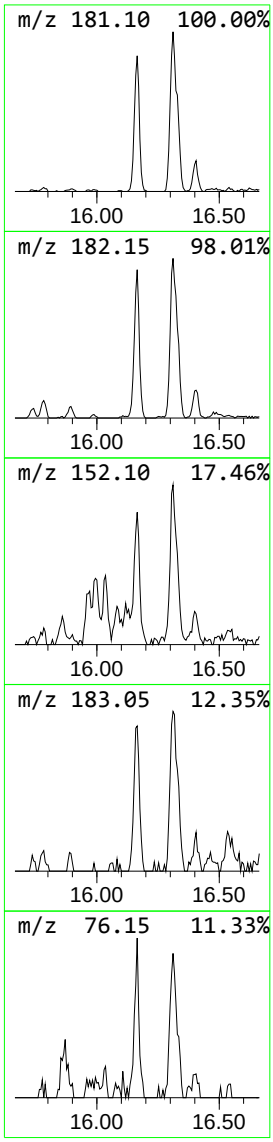
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	6.13 ng	157152	Acenaphthene-d10	14.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
4	9H-Xanthene	182	C13H10O	000092-83-1	59
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
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Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SAMPLE-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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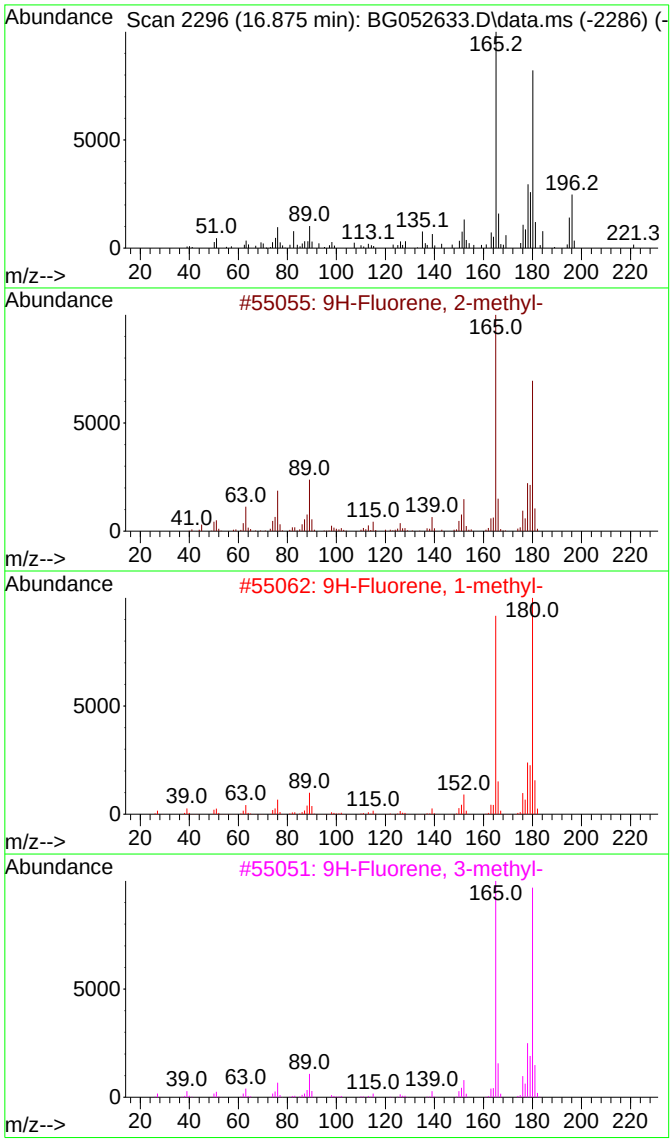
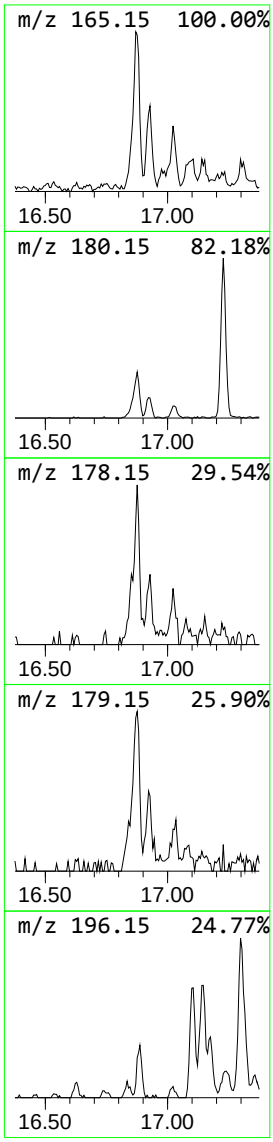
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	4.82 ng	130537	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





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Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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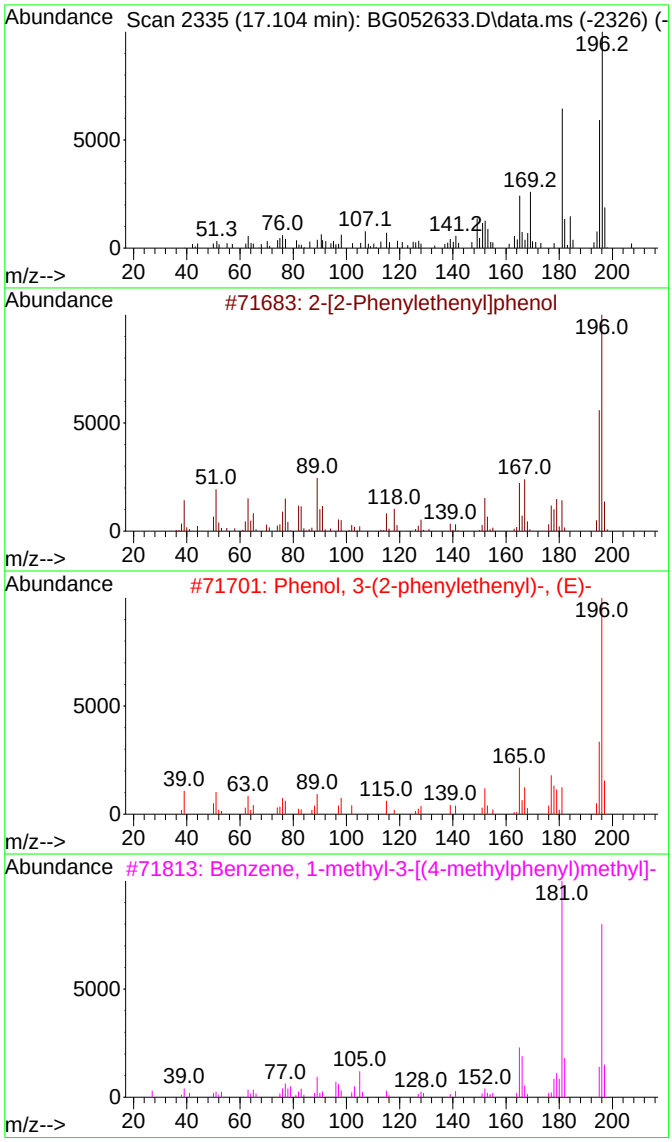
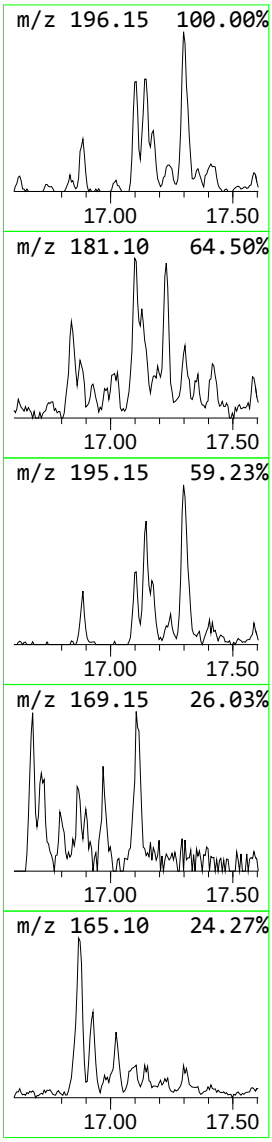
Peak Number 7 2-[2-Phenylethenyl]phenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	3.83 ng	103770	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	62
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
3	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	49
4	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	49
5	4-Methoxyphenol, TMS derivative	196	C10H16O2Si	006689-38-9	46





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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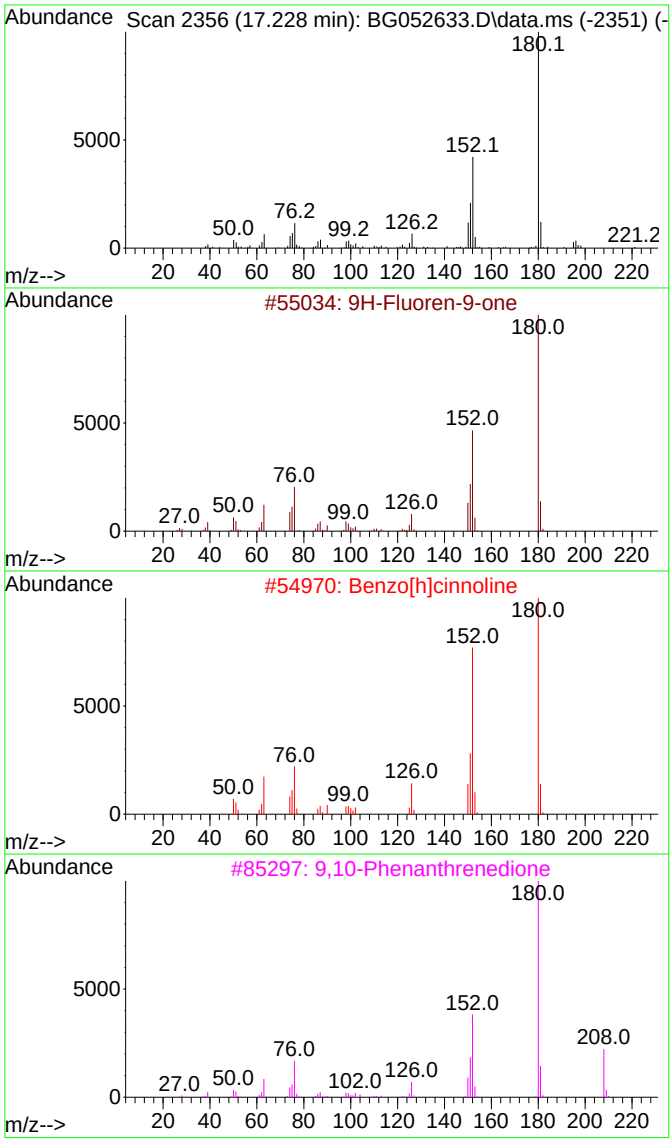
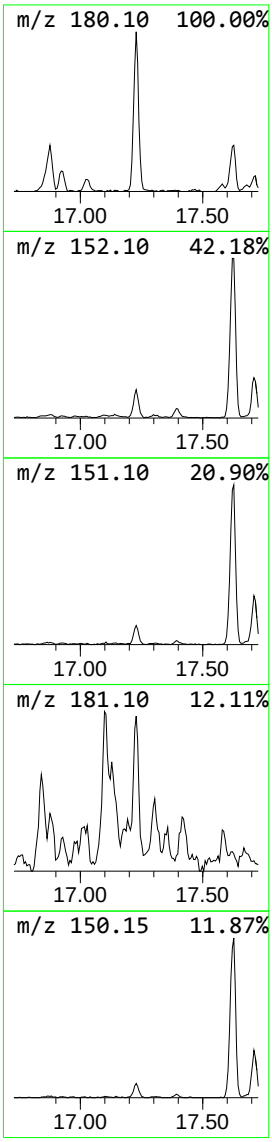
Peak Number 8 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.228	6.01 ng	162567	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

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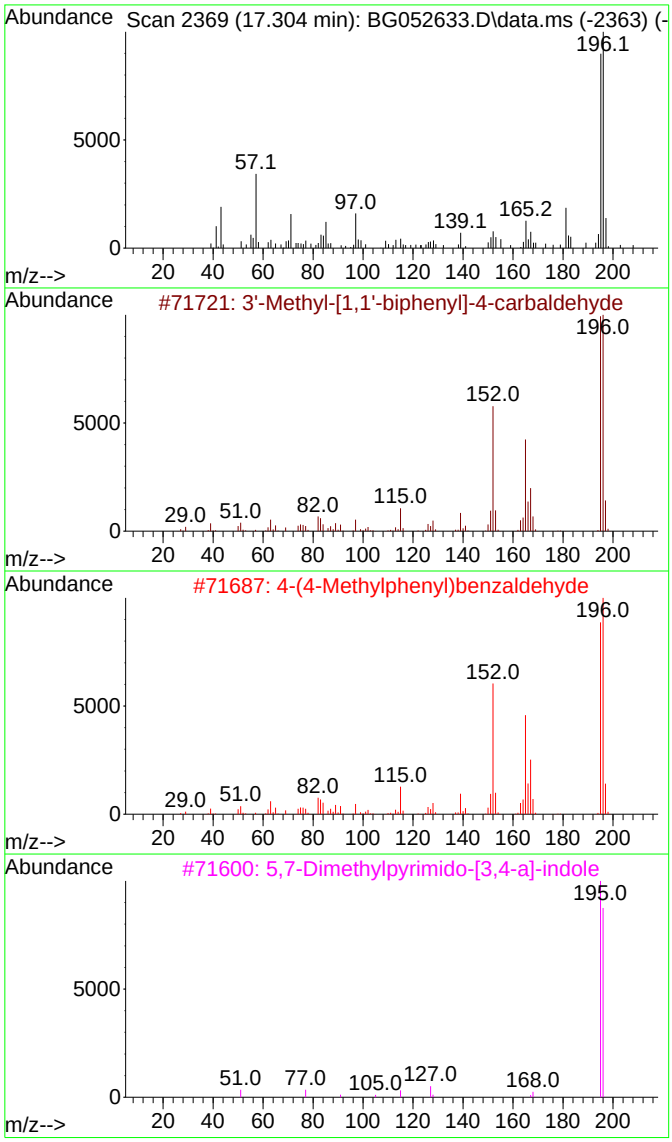
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

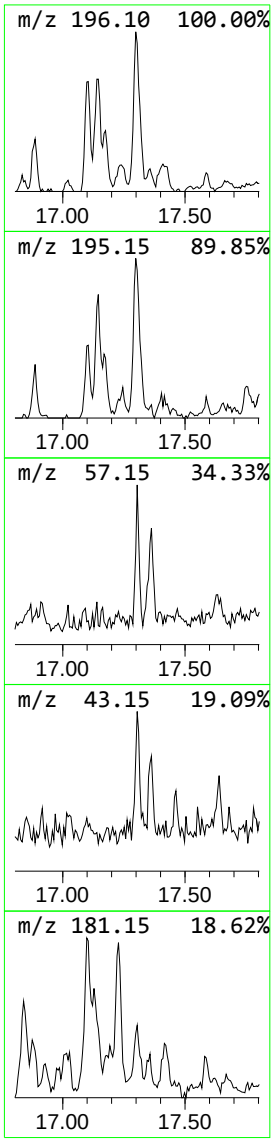
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	3.94 ng	106647	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49





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ALS Vial : 7 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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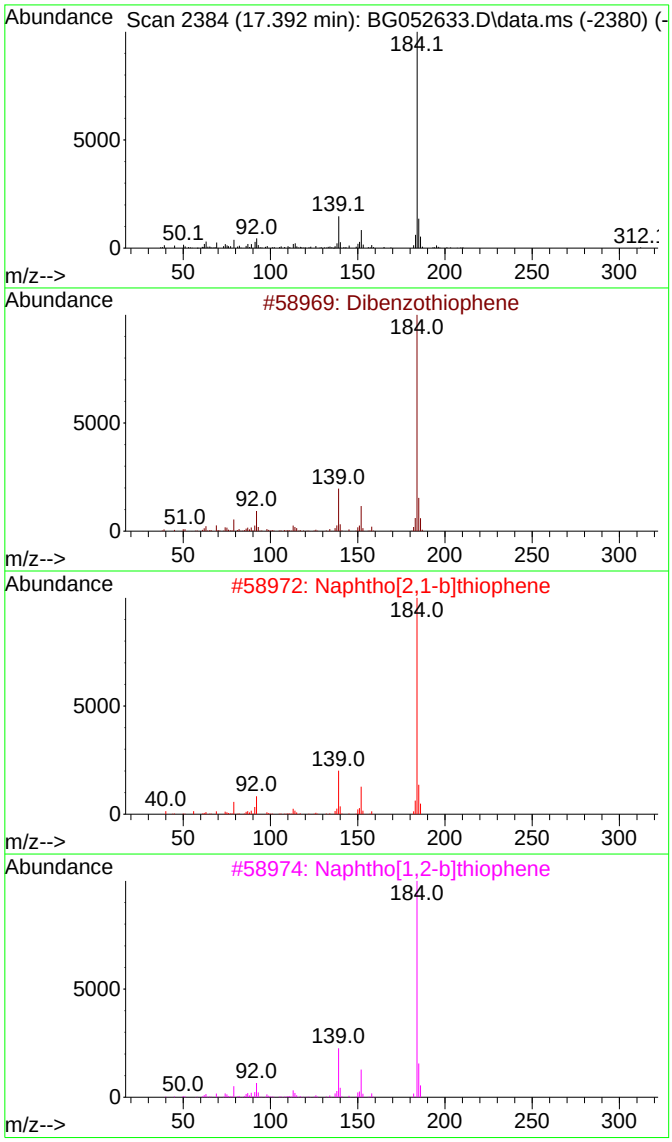
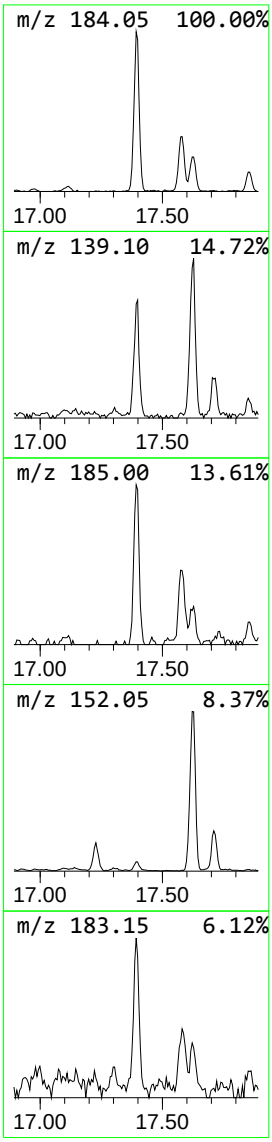
Peak Number 10 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.392	7.93 ng	214584	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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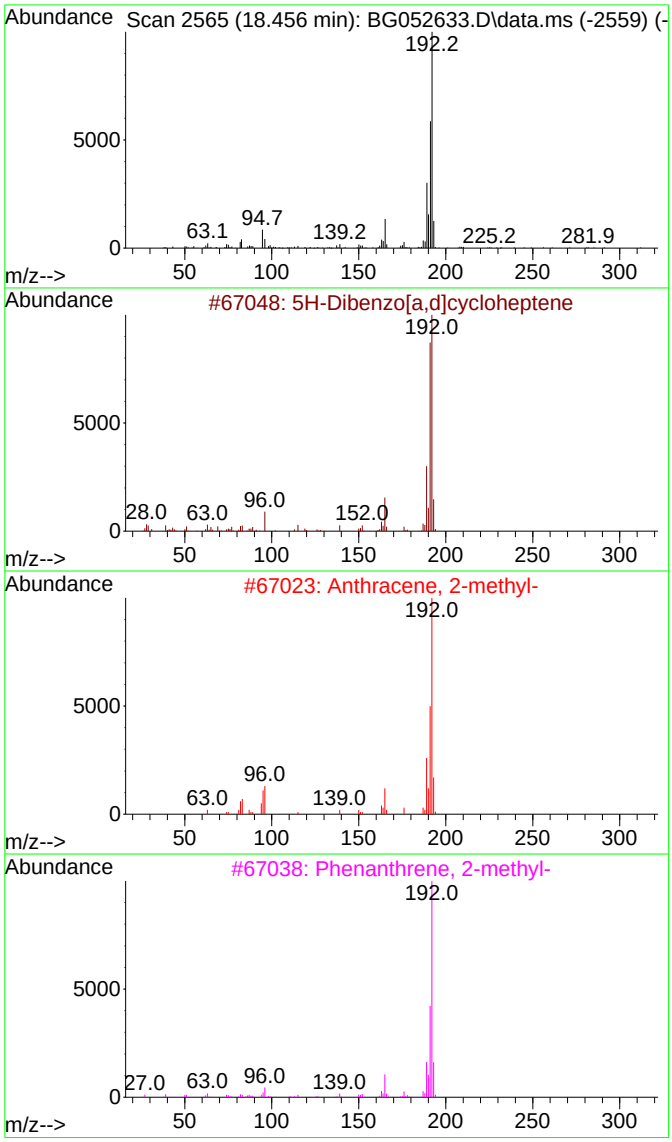
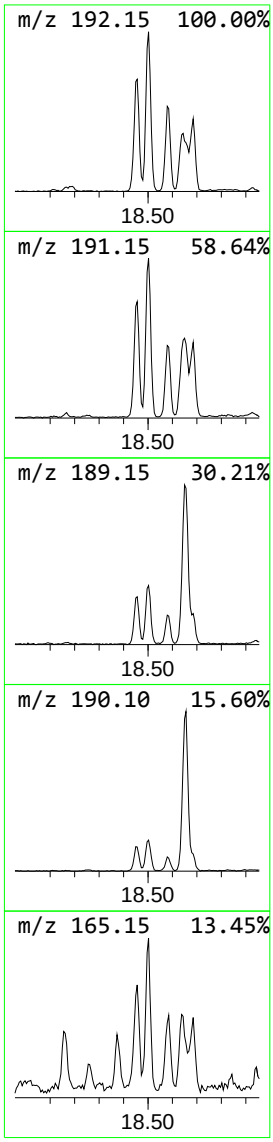
Peak Number 11 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	10.06 ng	272240	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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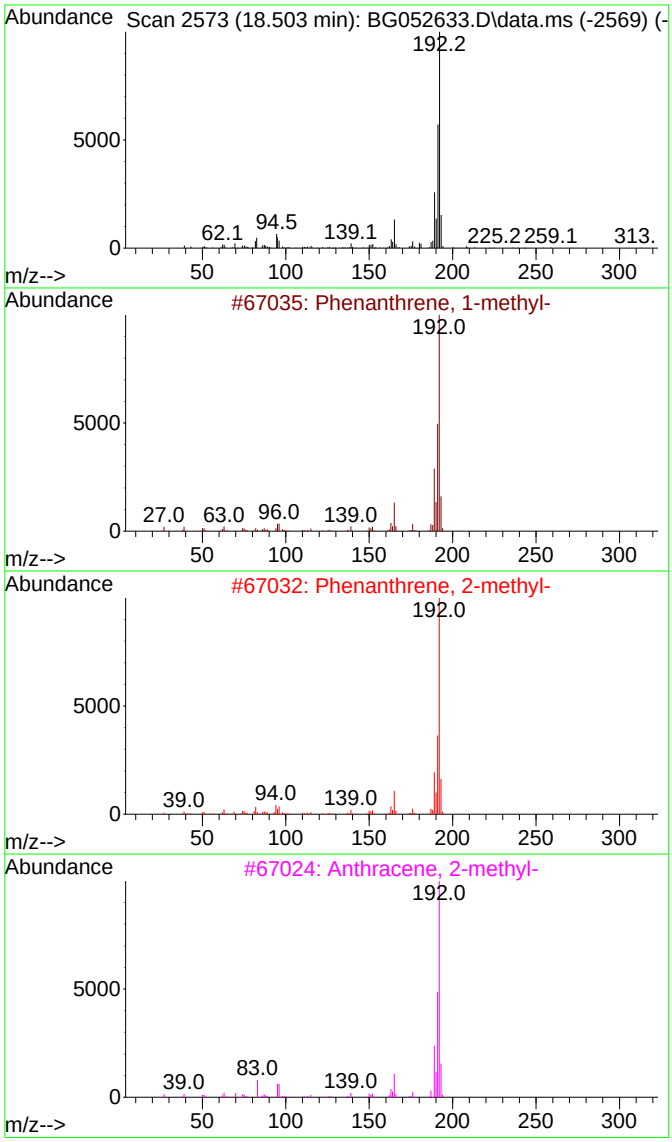
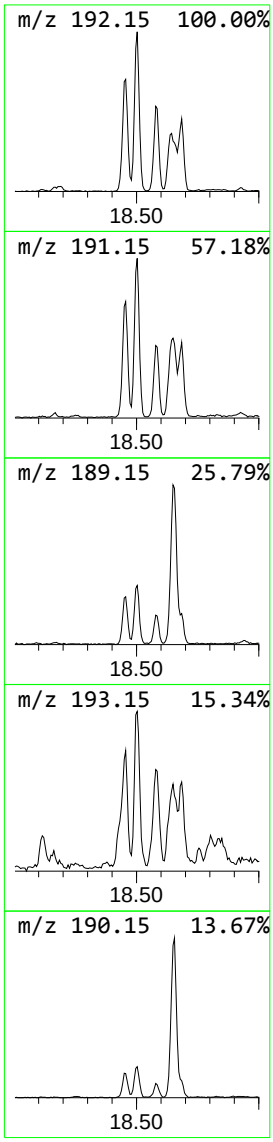
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.503	14.36 ng	388579	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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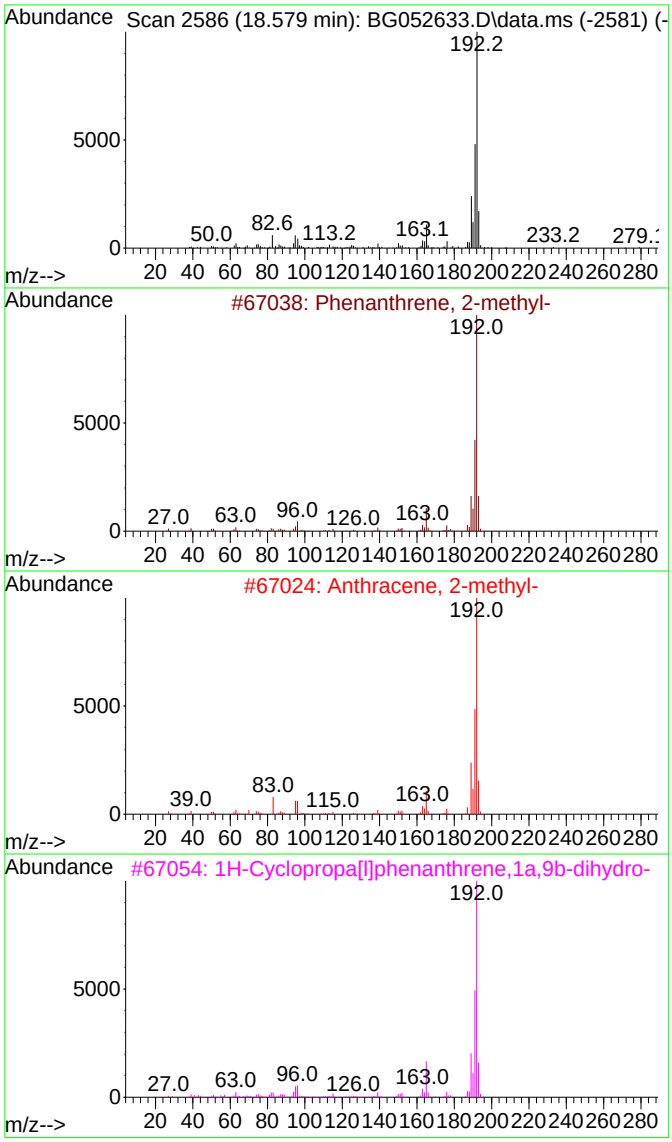
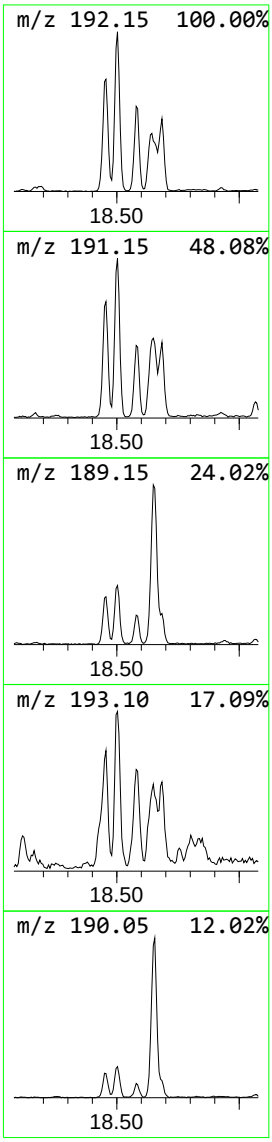
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.579	6.94 ng	187830	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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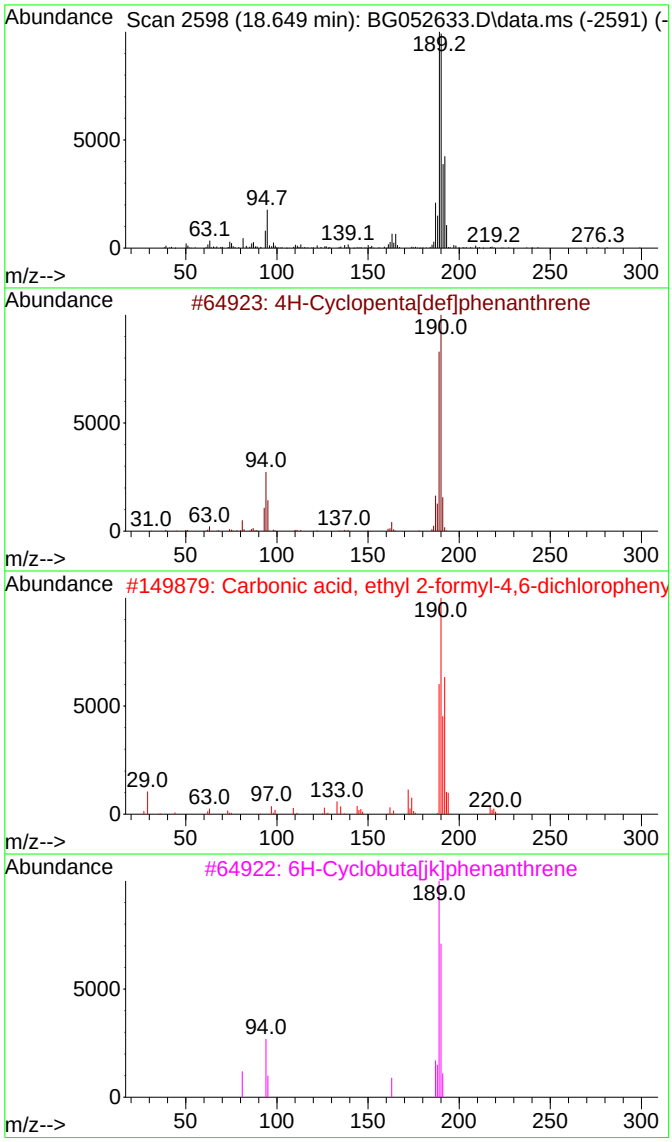
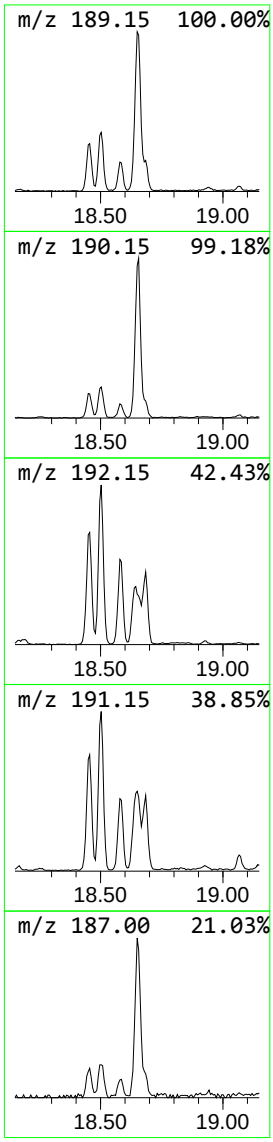
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.649	18.91 ng	511890	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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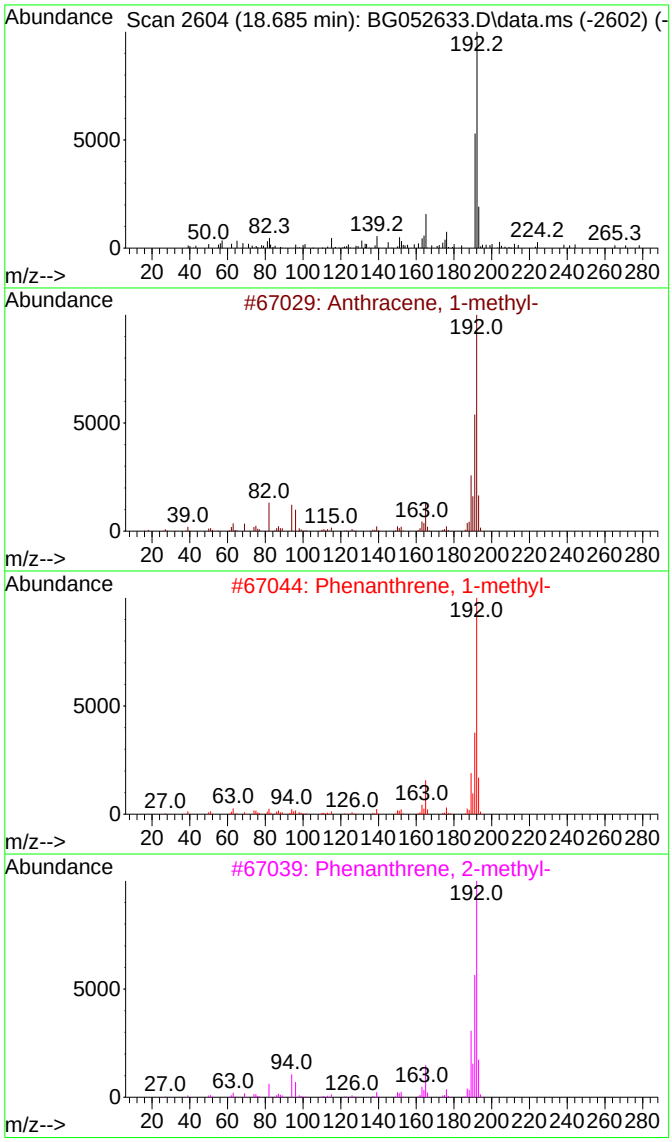
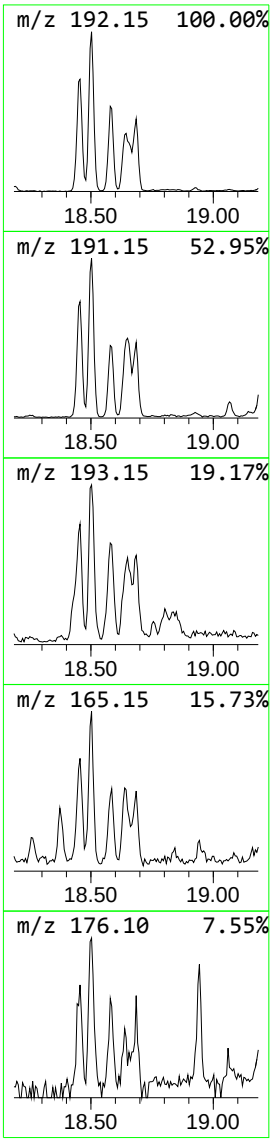
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	4.83 ng	130630	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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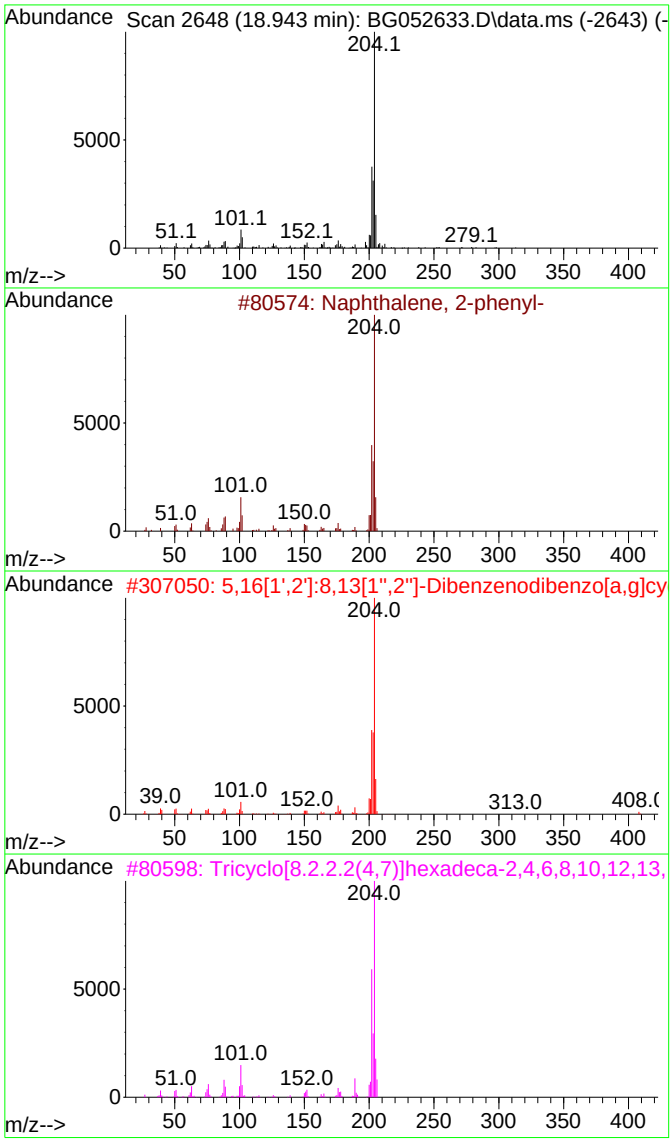
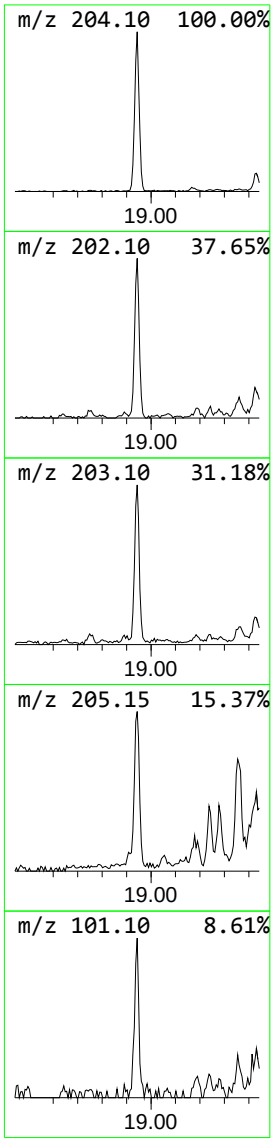
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.943	7.48 ng	202444	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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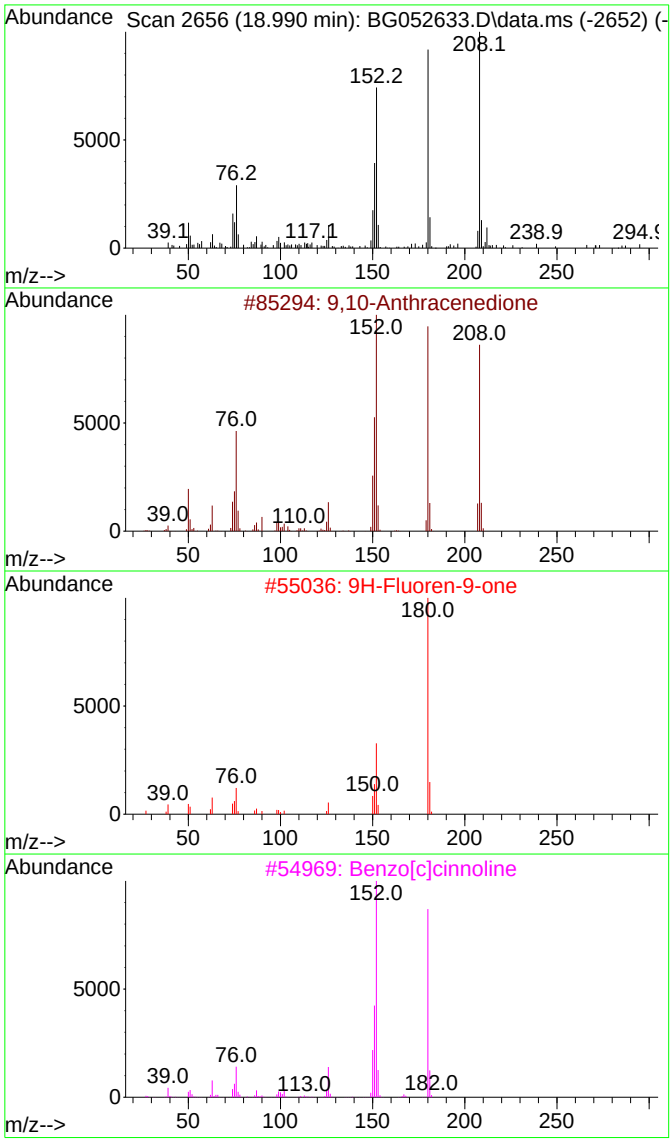
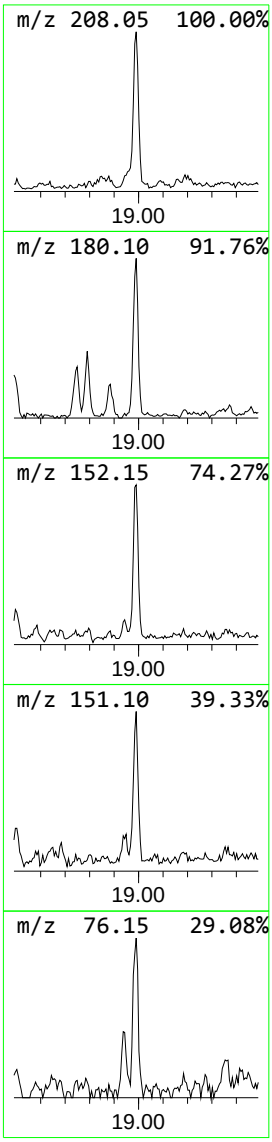
Peak Number 17 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.990	4.22 ng	114274	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58





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Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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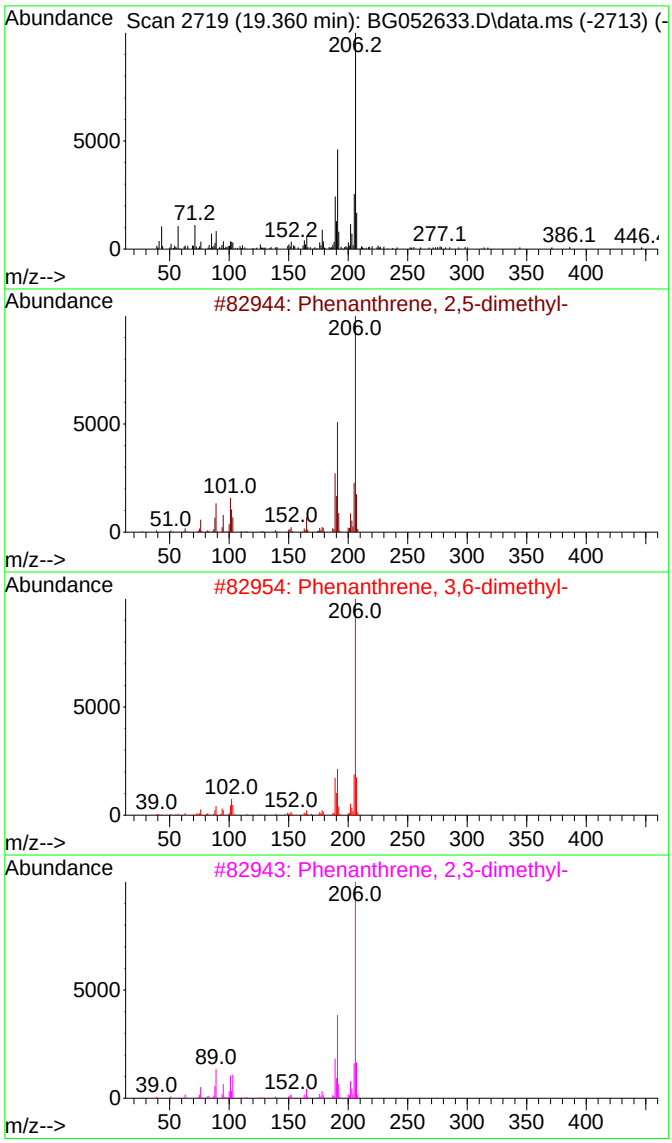
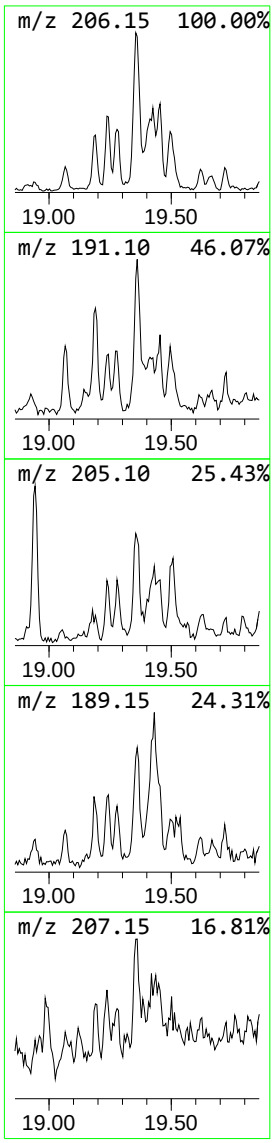
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.360	6.58 ng	178077	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

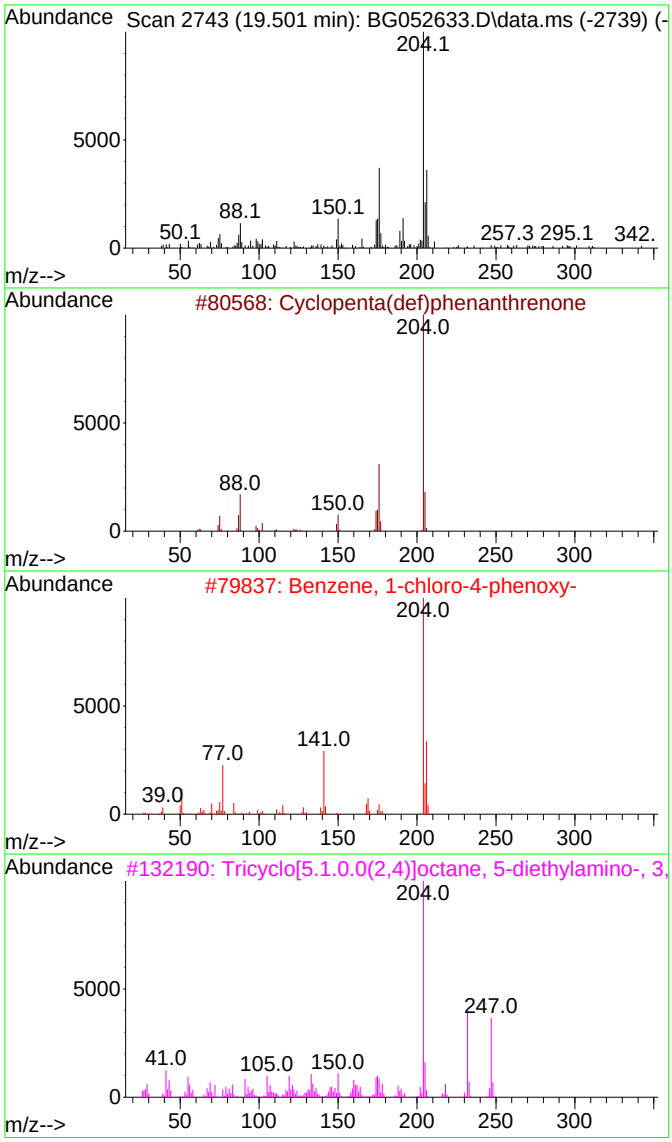
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

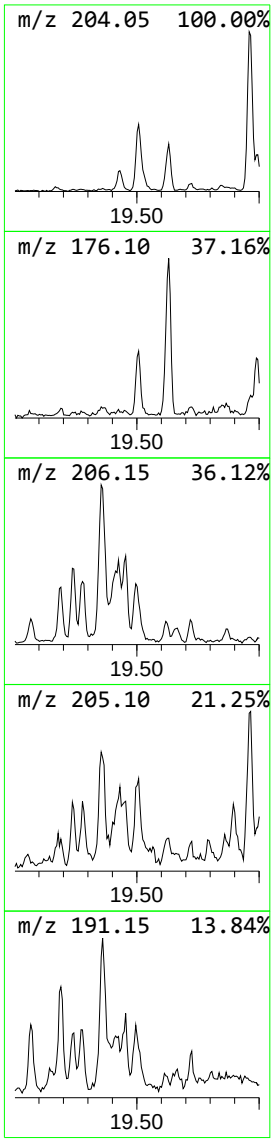
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.501	4.86 ng	131463	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	52
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
5	1-(2-Acetylphenyl)-5-chloro-1H-p...	247	C13H10ClNO2	1000306-71-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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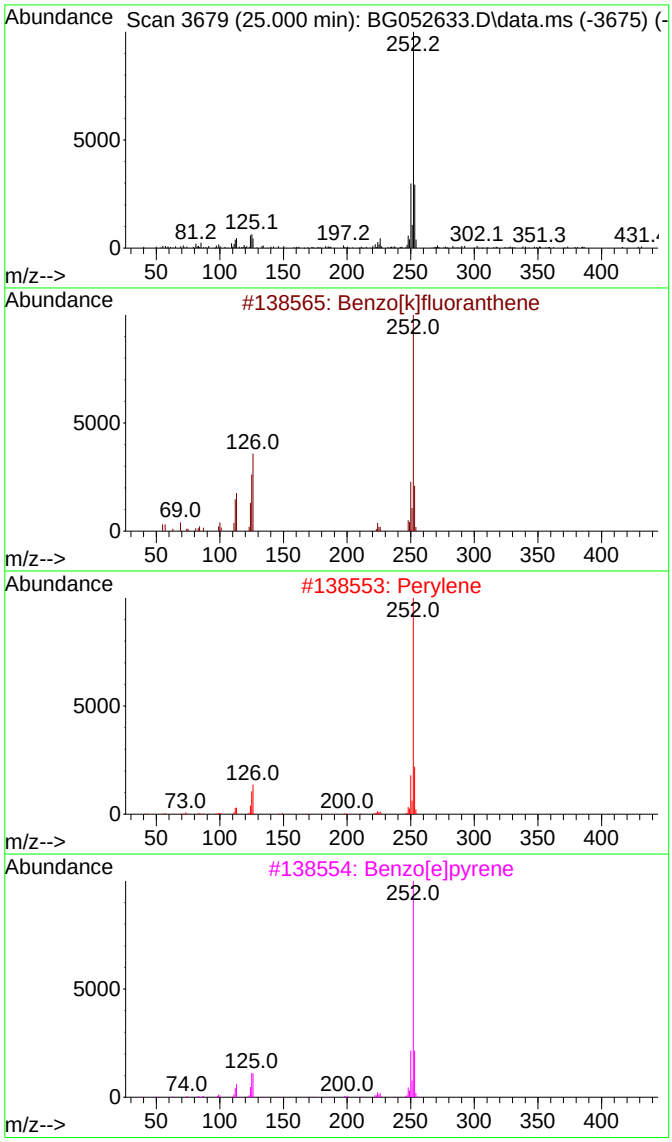
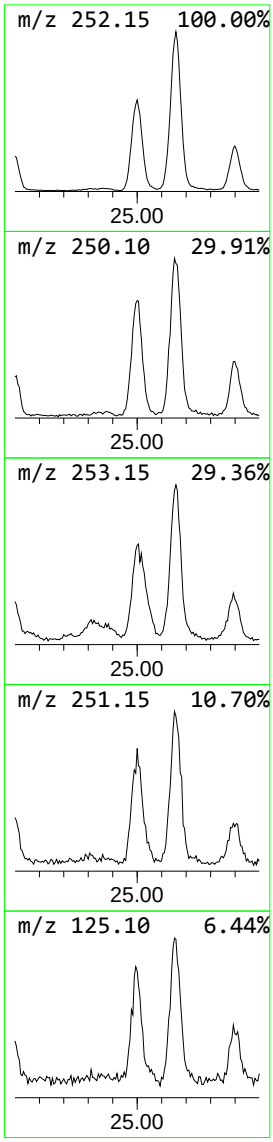
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.000	26.70 ng	492776	Perylene-d12	25.323

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.598	4.2	ng	56821	1	8.175	273903	20.0
2-Pentanone, 4-...	5.215	12.8	ng	175417	1	8.175	273903	20.0
Naphthalene, 1,...	14.144	6.4	ng	165308	3	14.825	512986	20.0
Naphthalene, 1,...	14.197	3.9	ng	100245	3	14.825	512986	20.0
9H-Fluoren-9-ol	16.165	6.1	ng	157152	3	14.825	512986	20.0
9H-Fluorene, 2-...	16.875	4.8	ng	130537	4	17.580	541350	20.0
2-[2-Phenylethe...	17.104	3.8	ng	103770	4	17.580	541350	20.0
9H-Fluoren-9-one	17.228	6.0	ng	162567	4	17.580	541350	20.0
3'-Methyl-[1,1'...	17.304	3.9	ng	106647	4	17.580	541350	20.0
Dibenzothiophene	17.392	7.9	ng	214584	4	17.580	541350	20.0
5H-Dibenzo[a,d]...	18.456	10.1	ng	272240	4	17.580	541350	20.0
Phenanthrene, 1...	18.503	14.4	ng	388579	4	17.580	541350	20.0
Phenanthrene, 2...	18.579	6.9	ng	187830	4	17.580	541350	20.0
4H-Cyclopenta[d...	18.649	18.9	ng	511890	4	17.580	541350	20.0
Anthracene, 1-m...	18.685	4.8	ng	130630	4	17.580	541350	20.0
Naphthalene, 2-...	18.943	7.5	ng	202444	4	17.580	541350	20.0
9,10-Anthracene...	18.990	4.2	ng	114274	4	17.580	541350	20.0
Phenanthrene, 2...	19.360	6.6	ng	178077	4	17.580	541350	20.0
Cyclopenta(def)...	19.501	4.9	ng	131463	4	17.580	541350	20.0
Perylene	25.000	26.7	ng	492776	6	25.323	369172	20.0