LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.315	374	379	388	rBV	114154	188122	4.51%	0.620%
2	5.450	396	402	414	rVB	54921	132133	3.17%	0.435%
3	5.820	459	465	474	rBV	44471	76091	1.82%	0.251%
4	6.895	642	648	654	rBV	153391	256430	6.15%	0.845%
5	6.954	654	658	667	rVV	75836	134082	3.21%	0.442%
6	7.036	667	672	677	rVB	32041	52156	1.25%	0.172%
7	7.459	737	744	758	rVB2	109721	241001	5.78%	0.794%
8	7.812	796	804	817	rBV	187875	360807	8.65%	1.189%
9	7.923	817	823	830	rVV3	37667	81189	1.95%	0.268%
10	8.188	858	868	877	rBV	449403	809246	19.40%	2.667%
11	8.305	882	888	892	rVV	37038	65574	1.57%	0.216%
12	8.452	906	913	921	rBV	73919	129072	3.09%	0.425%
13	8.916	986	992	998	rVB	65126	102641	2.46%	0.338%
14	9.504	1086	1092	1101	rVB	34508	62965	1.51%	0.207%
15	9.862	1147	1153	1161	rVB	63180	113164	2.71%	0.373%
16	10.038	1173	1183	1190	rBV4	115251	331209	7.94%	1.091%
17	10.115	1190	1196	1208	rVB2	117899	339989	8.15%	1.120%
18	10.315	1224	1230	1240	rVB3	26685	53884	1.29%	0.178%
19	10.614	1269	1281	1284	rBV	260422	526639	12.63%	1.735%
20	10.673	1284	1291	1303	rVV	2140425	4170737	100.00%	13.743%
21	10.779	1304	1309	1315	rVB	43937	83134	1.99%	0.274%
22	11.466	1416	1426	1432	rBV3	25868	71475	1.71%	0.236%
23	11.807	1479	1484	1493	rVB2	29640	64693	1.55%	0.213%
24	12.030	1513	1522	1527	rBV5	25811	54069	1.30%	0.178%
25	12.277	1555	1564	1577	rBV	975505	1731265	41.51%	5.705%
26	12.500	1591	1602	1613	rBV	651562	1140339	27.34%	3.758%
27	13.293	1724	1737	1743	rBV	120681	223816	5.37%	0.737%
28	13.487	1764	1770	1780	rVB	225073	399556	9.58%	1.317%
29	13.634	1783	1795	1802	rBV3	134782	377017	9.04%	1.242%
30	13.781	1813	1820	1825	rBV2	247572	457704	10.97%	1.508%
31	13.834	1825	1829	1838	rVB	145199	235202	5.64%	0.775%
32	14.016	1855	1860	1864	rBV	114455	174577	4.19%	0.575%
33	14.181	1883	1888	1899	rVB	102968	181246	4.35%	0.597%
34	14.463	1923	1936	1941	rBV2	399187	749686	17.97%	2.470%
35	14.527	1941	1947	1955	rVB	551424	904059	21.68%	2.979%
36	14.668	1965	1971	1980	rVB	54241	121422	2.91%	0.400%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.856	1992	2003	2011	rVV3	72043	143831	3.45%	0.474%
38	14.933	2011	2016	2020	rVV2	47850	69122	1.66%	0.228%
39	15.074	2031	2040	2044	rBV3	53170	122377	2.93%	0.403%
40	15.127	2045	2049	2053	rVV2	45061	78568	1.88%	0.259%
41	15.250	2061	2070	2073	rBV3	39780	103582	2.48%	0.341%
42	15.332	2079	2084	2090	rVV2	81912	126382	3.03%	0.416%
43	15.456	2101	2105	2109	rVV	67695	105487	2.53%	0.348%
44	15.509	2109	2114	2125	rVB	278436	500805	12.01%	1.650%
45	15.714	2144	2149	2159	rVB3	52977	93520	2.24%	0.308%
46	15.849	2169	2172	2179	rVB3	34808	55221	1.32%	0.182%
47	15.920	2179	2184	2188	rBV	108918	174752	4.19%	0.576%
48	16.184	2219	2229	2234	rBV5	41532	73047	1.75%	0.241%
49	16.507	2277	2284	2289	rBV2	79869	186787	4.48%	0.615%
50	16.560	2289	2293	2298	rVB	62544	94196	2.26%	0.310%
51	16.660	2305	2310	2315	rBV	52141	79235	1.90%	0.261%
52	16.866	2341	2345	2352	rVB3	41728	63869	1.53%	0.210%
53	17.024	2364	2372	2381	rVB	103408	192934	4.63%	0.636%
54	17.207	2397	2403	2406	rBV	534231	805703	19.32%	2.655%
55	17.248	2406	2410	2417	rVV	961058	1508825	36.18%	4.972%
56	17.342	2420	2426	2431	rVV	264825	403586	9.68%	1.330%
57	17.395	2431	2435	2441	rVB5	25286	55770	1.34%	0.184%
58	17.788	2497	2502	2512	rVB2	60791	102824	2.47%	0.339%
59	17.929	2521	2526	2533	rVB3	35394	71255	1.71%	0.235%
60	18.082	2546	2552	2556	rBV	239372	365490	8.76%	1.204%
61	18.129	2556	2560	2568	rVB	282787	408185	9.79%	1.345%
62	18.211	2569	2574	2579	rBV	117525	178455	4.28%	0.588%
63	18.276	2579	2585	2589	rVV2	278875	563583	13.51%	1.857%
64	18.311	2589	2591	2598	rVB	163091	221554	5.31%	0.730%
65	18.581	2632	2637	2643	rBV	90915	145247	3.48%	0.479%
66	18.828	2676	2679	2684	rVV	46914	74883	1.80%	0.247%
67	18.875	2684	2687	2691	rVV	51929	77086	1.85%	0.254%
68	18.916	2691	2694	2698	rVB3	42831	58809	1.41%	0.194%
69	18.999	2698	2708	2713	rBV	168676	320195	7.68%	1.055%
70	19.063	2713	2719	2721	rVV3	92708	199760	4.79%	0.658%
71	19.093	2721	2724	2727	rVV	81440	113939	2.73%	0.375%
72	19.134	2727	2731	2746	rVB4	58895	212659	5.10%	0.701%
73	19.263	2747	2753	2760	rBV	440487	652507	15.64%	2.150%
74	19.416	2774	2779	2789	rVB	168868	254189	6.09%	0.838%
75	19.533	2796	2799	2806	rVB2	32452	53222	1.28%	0.175%
76	19.627	2806	2815	2824	rBV	581006	938735	22.51%	3.093%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.704	2824	2828	2833	rVB2	37690	62156	1.49%	0.205%
78	19.956	2865	2871	2878	rVB3	67428	156705	3.76%	0.516%
79	20.086	2887	2893	2895	rBV3	64558	110399	2.65%	0.364%
80	20.121	2895	2899	2906	rVB2	163990	257586	6.18%	0.849%
81	20.221	2912	2916	2921	rVV	118547	158335	3.80%	0.522%
82	20.279	2921	2926	2930	rVV	94536	124764	2.99%	0.411%
83	20.373	2936	2942	2946	rBV3	44734	91962	2.20%	0.303%
84	20.415	2946	2949	2953	rVV	87862	143737	3.45%	0.474%
85	20.462	2953	2957	2965	rVB	107336	200099	4.80%	0.659%
86	21.049	3053	3057	3060	rVV	45480	70033	1.68%	0.231%
87	21.084	3060	3063	3067	rVB	57491	78296	1.88%	0.258%
88	21.449	3116	3125	3129	rBV3	611226	1299300	31.15%	4.281%
89	21.490	3129	3132	3144	rVB	221193	402158	9.64%	1.325%
90	22.148	3236	3244	3251	rVV	72380	187970	4.51%	0.619%
91	22.212	3253	3255	3261	rVV	43618	63709	1.53%	0.210%
92	22.301	3265	3270	3274	rVV3	23826	51834	1.24%	0.171%
93	22.353	3274	3279	3284	rVV3	27686	53743	1.29%	0.177%
94	22.406	3284	3288	3292	rVV2	30149	53517	1.28%	0.176%
95	22.453	3292	3296	3305	rVB3	34899	70173	1.68%	0.231%
96	23.552	3475	3483	3490	rBV2	62211	222432	5.33%	0.733%
97	23.793	3520	3524	3532	rVB2	27054	63701	1.53%	0.210%
98	24.234	3593	3599	3613	rVB	51535	137551	3.30%	0.453%
99	24.375	3616	3623	3636	rVB	86352	239846	5.75%	0.790%
100	24.521	3639	3648	3659	rBV	271349	801434	19.22%	2.641%

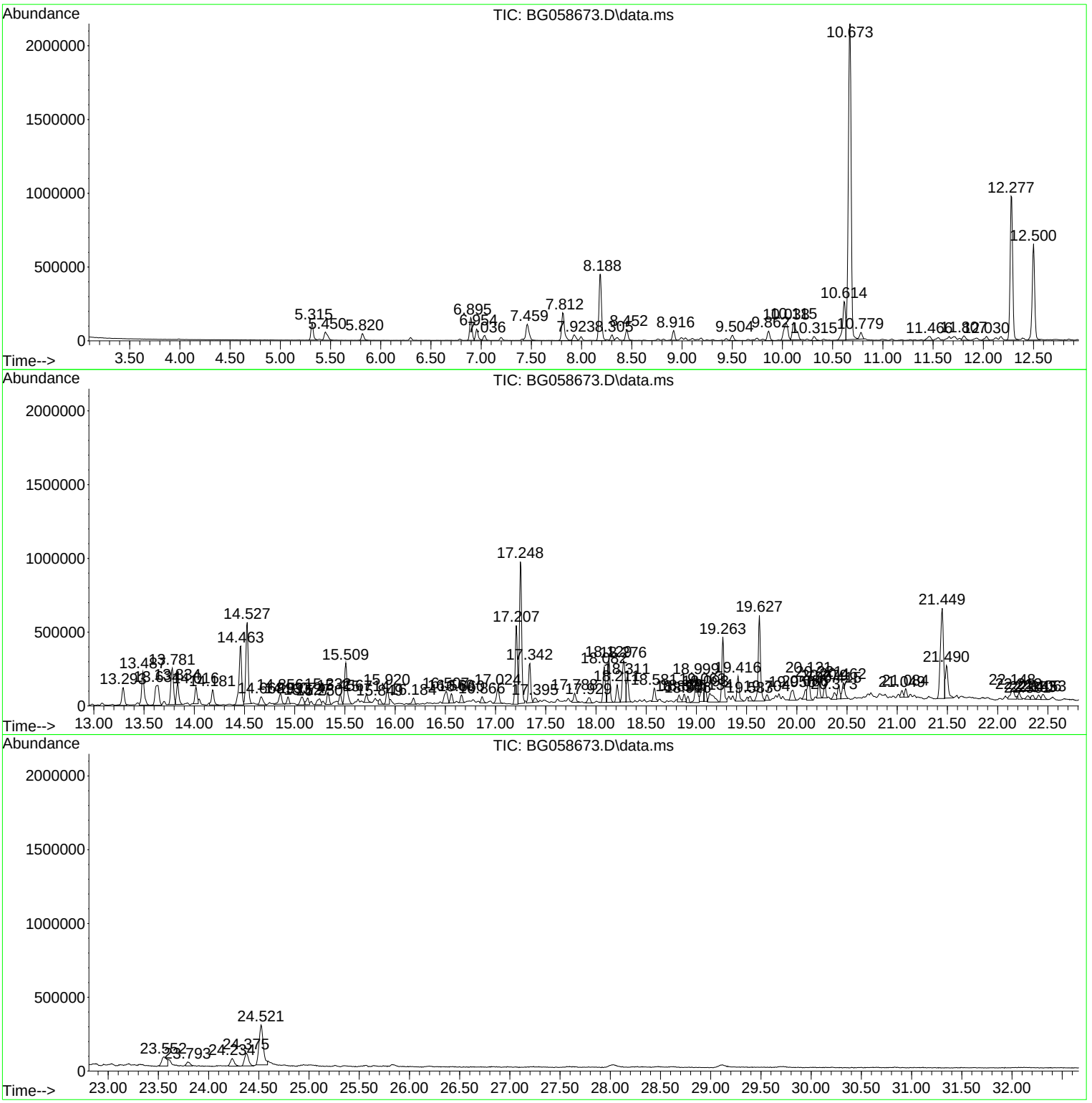
Sum of corrected areas: 30348007

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

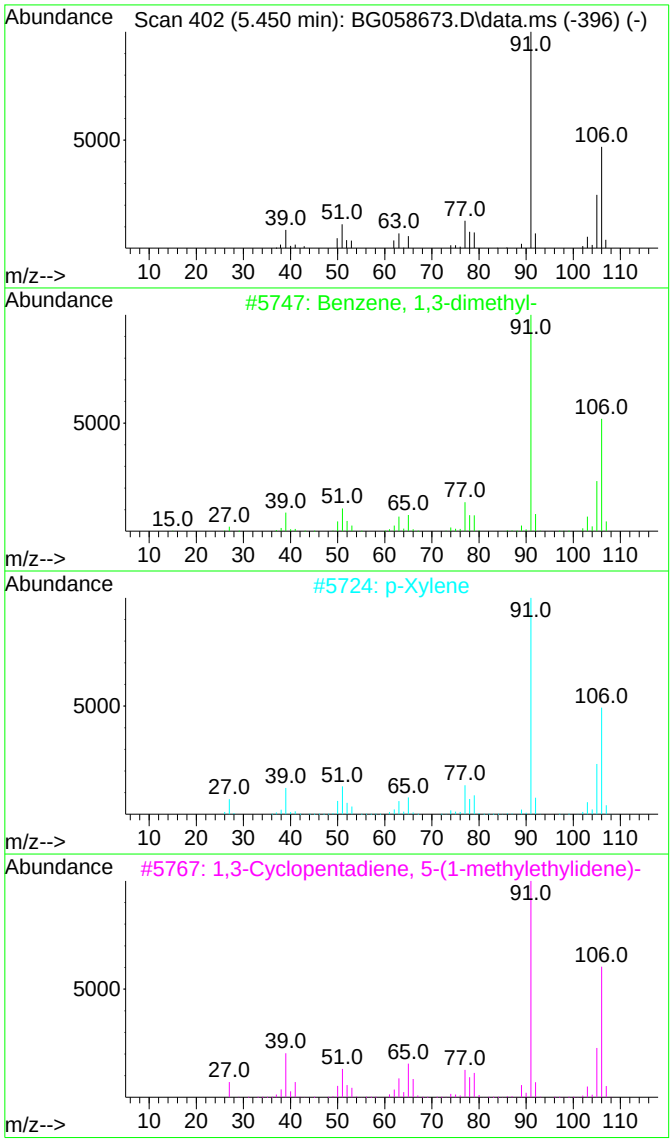
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

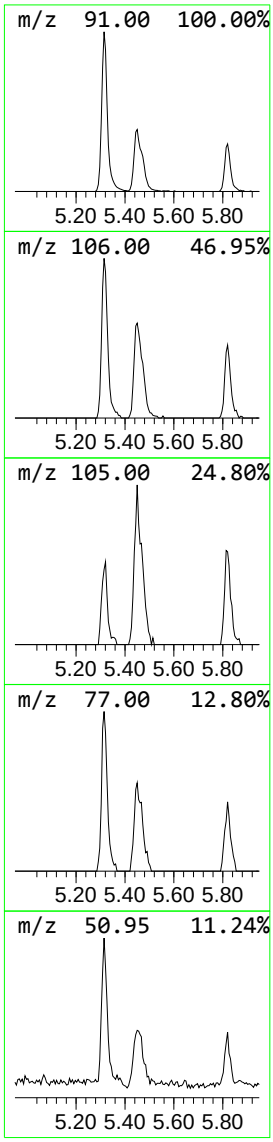
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.450	7.32 ng	132133	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
4	o-Xylene	106	C8H10	000095-47-6	90
5	Ethylbenzene	106	C8H10	000100-41-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

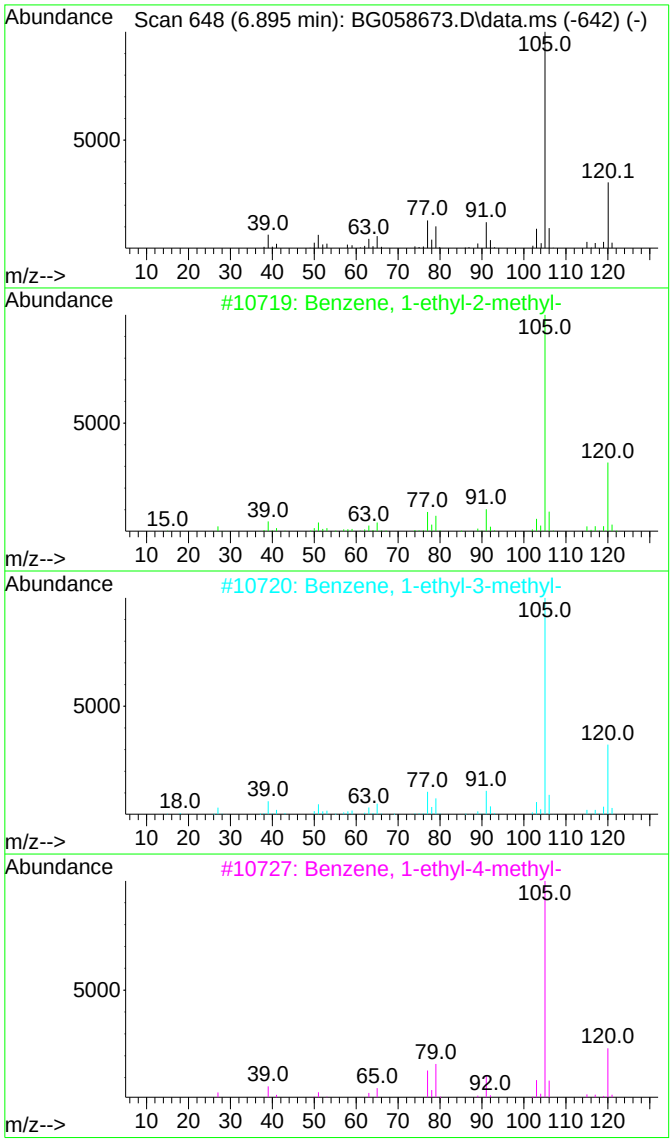
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

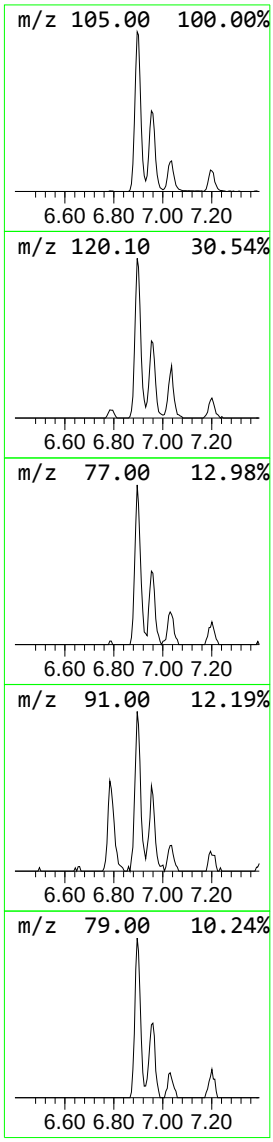
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.895	14.21 ng	256430	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

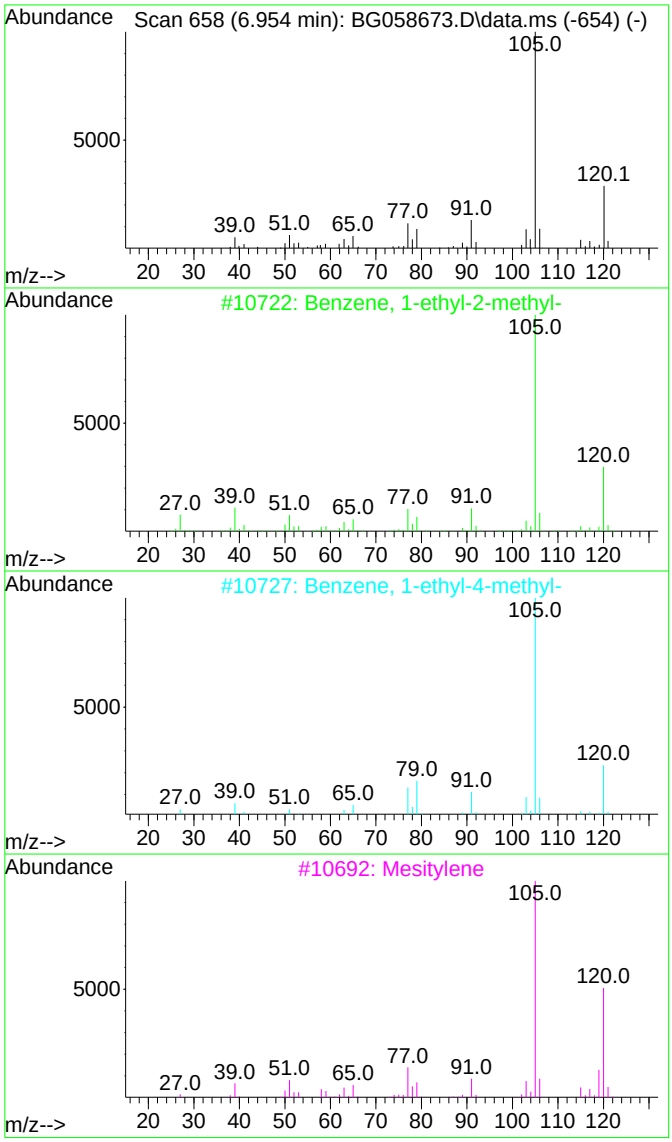
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

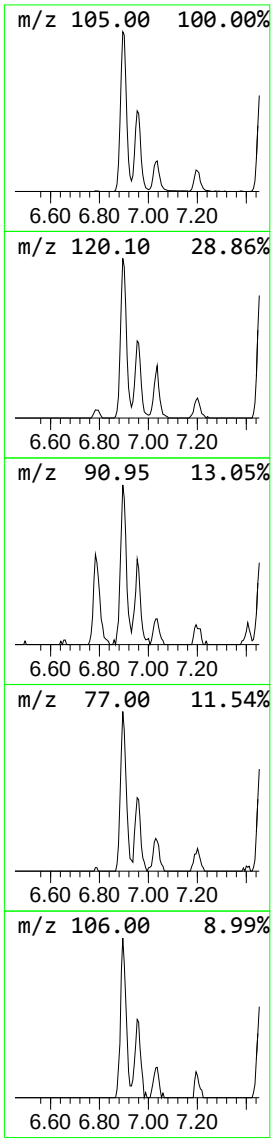
****

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.954	7.43 ng	134082	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

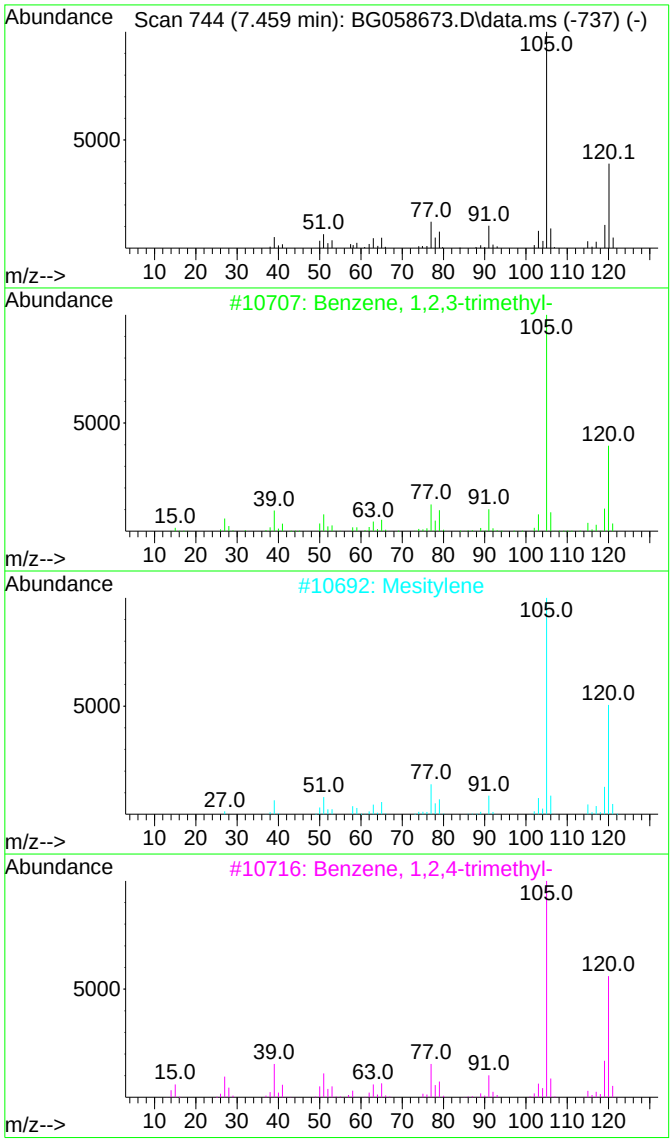
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

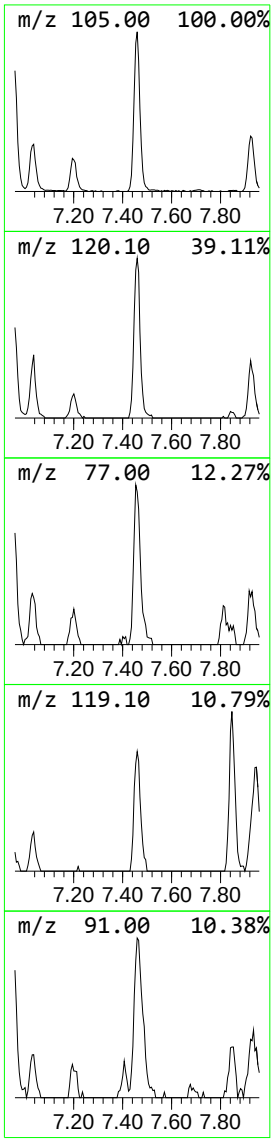
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.459	13.36 ng	241001	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

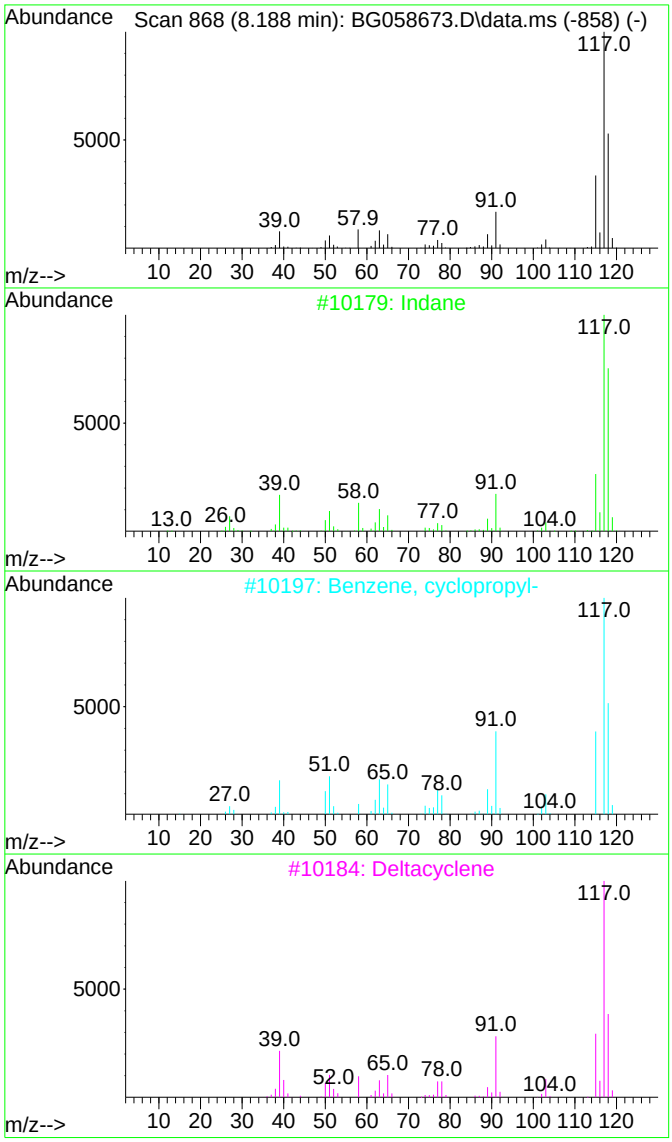
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

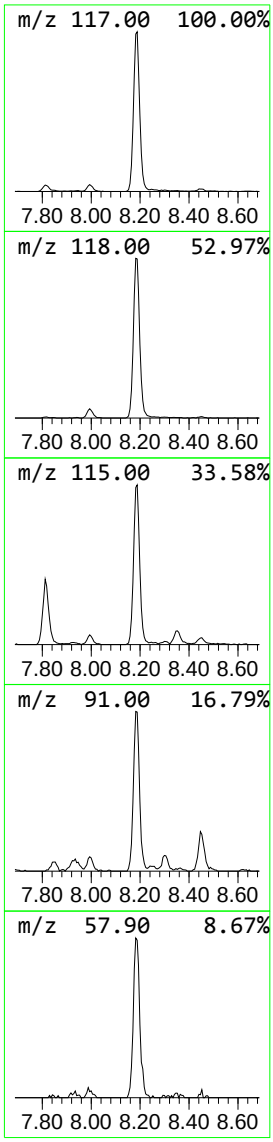
****

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.188	44.86 ng	809246	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Deltacyclene	118	C9H10	007785-10-6	74
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

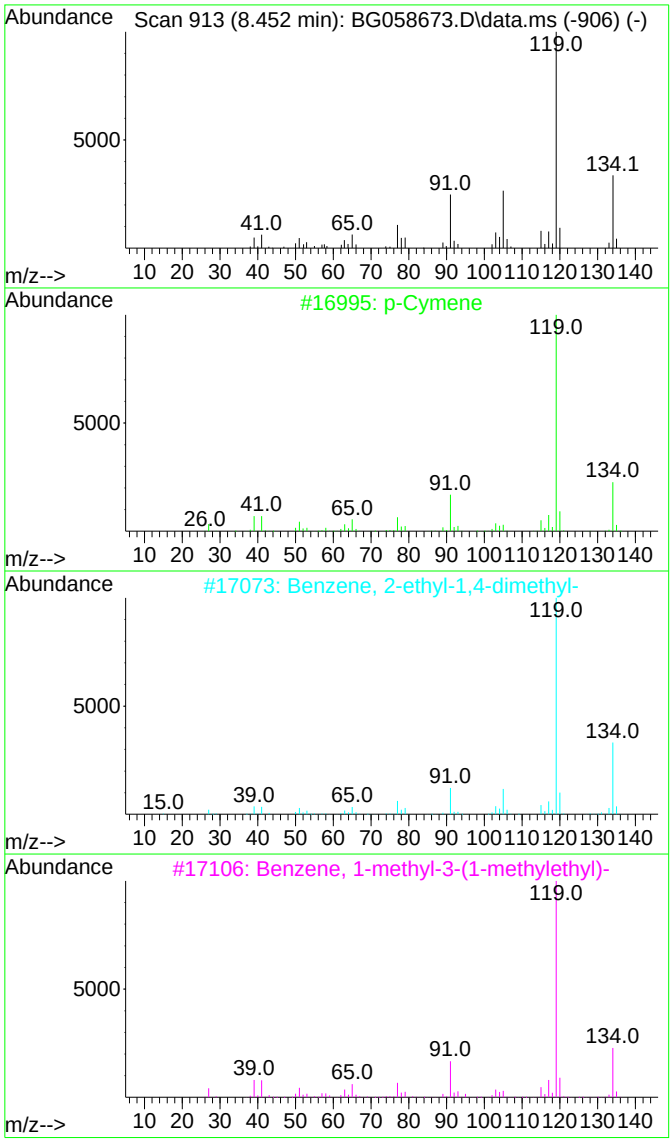
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

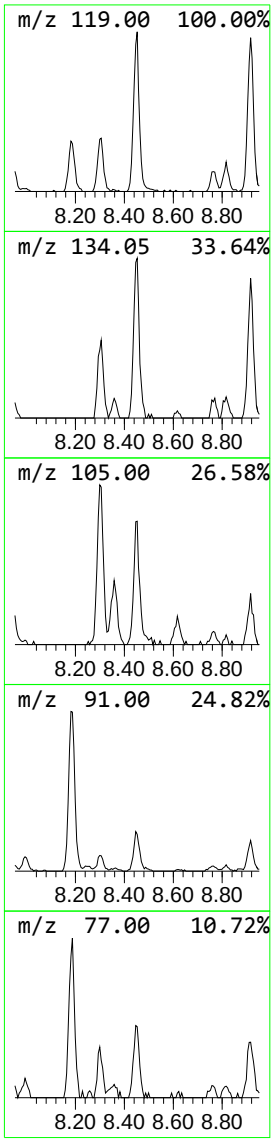
****

Peak Number 7 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.452	7.15 ng	129072	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

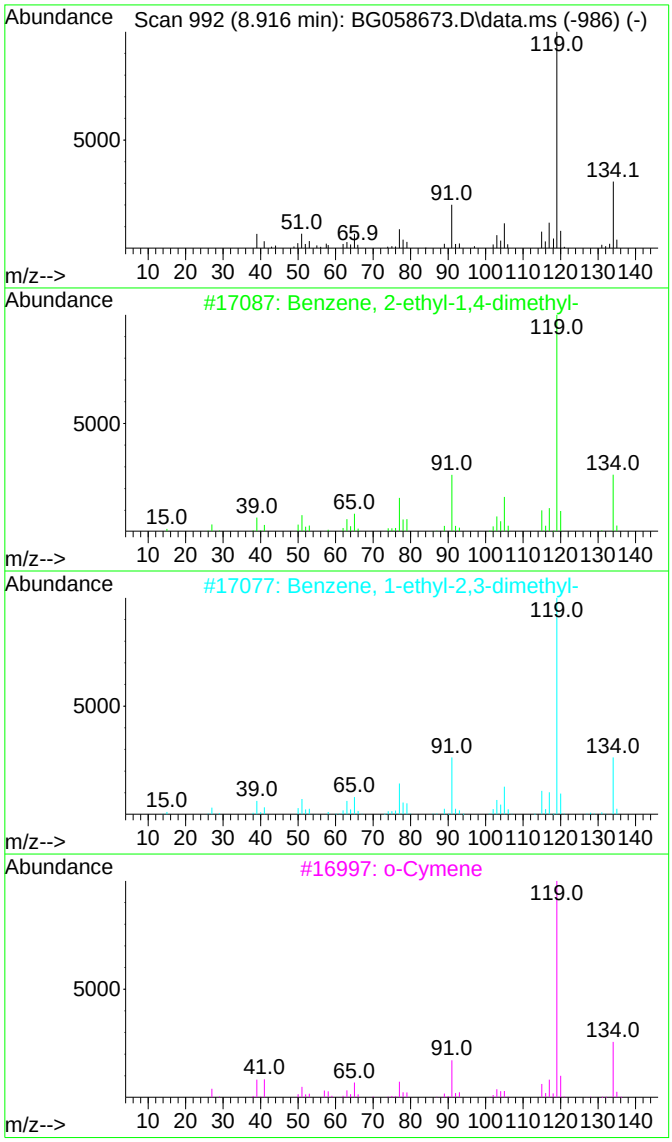
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

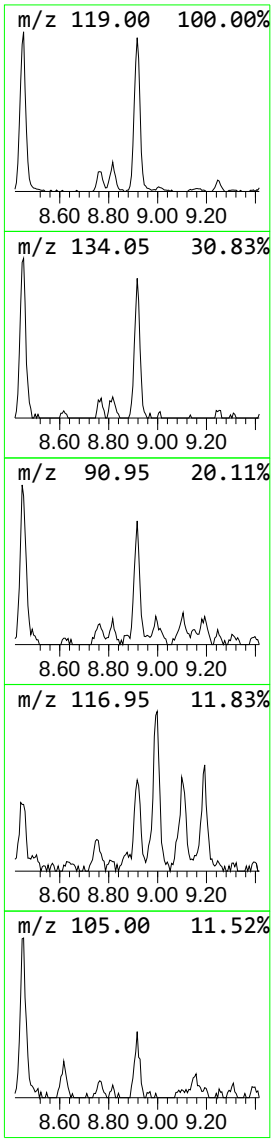
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	5.69 ng	102641	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

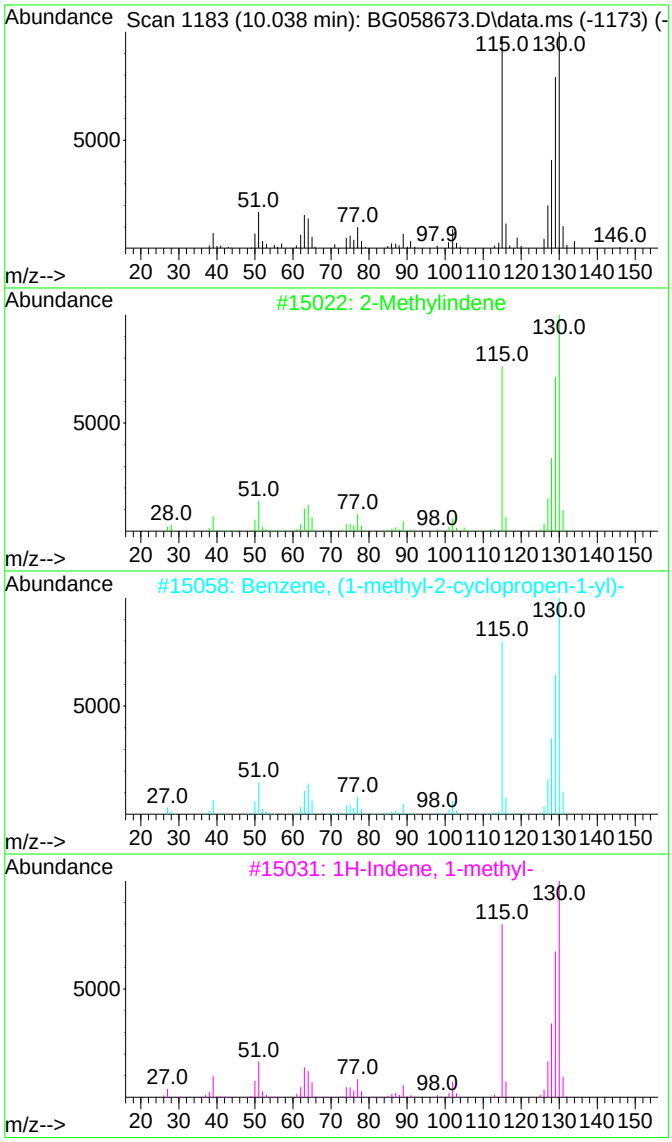
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

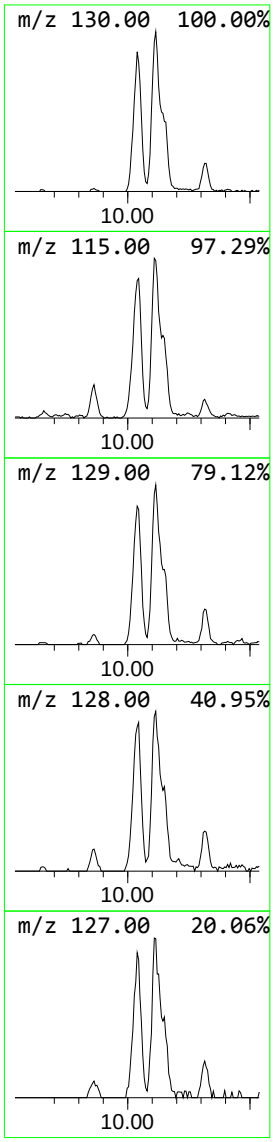
****

Peak Number 9 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	12.58 ng	331209	Naphthalene-d8	10.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





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Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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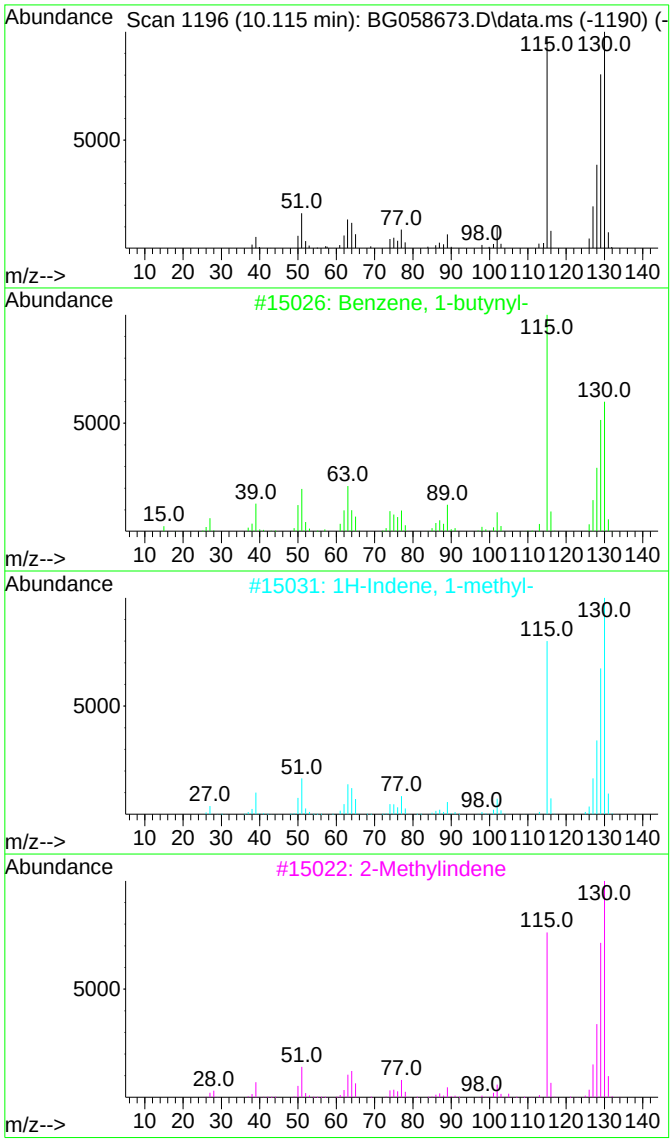
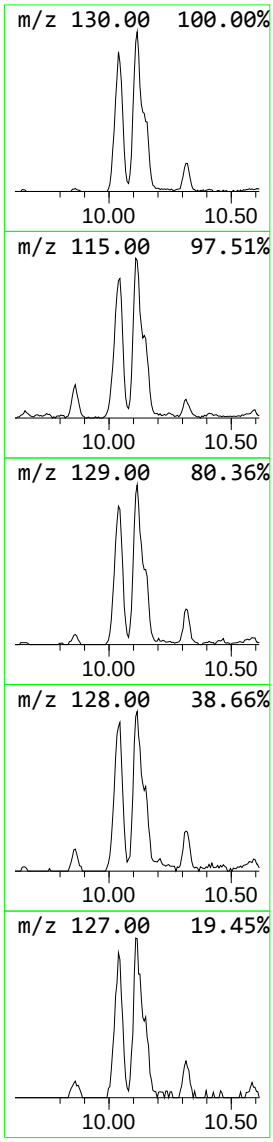
Peak Number 10 Benzene, 1-butynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.115	12.91 ng	339989	Naphthalene-d8	10.614

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
3	2-Methylindene	130	C10H10	002177-47-1	93
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90





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Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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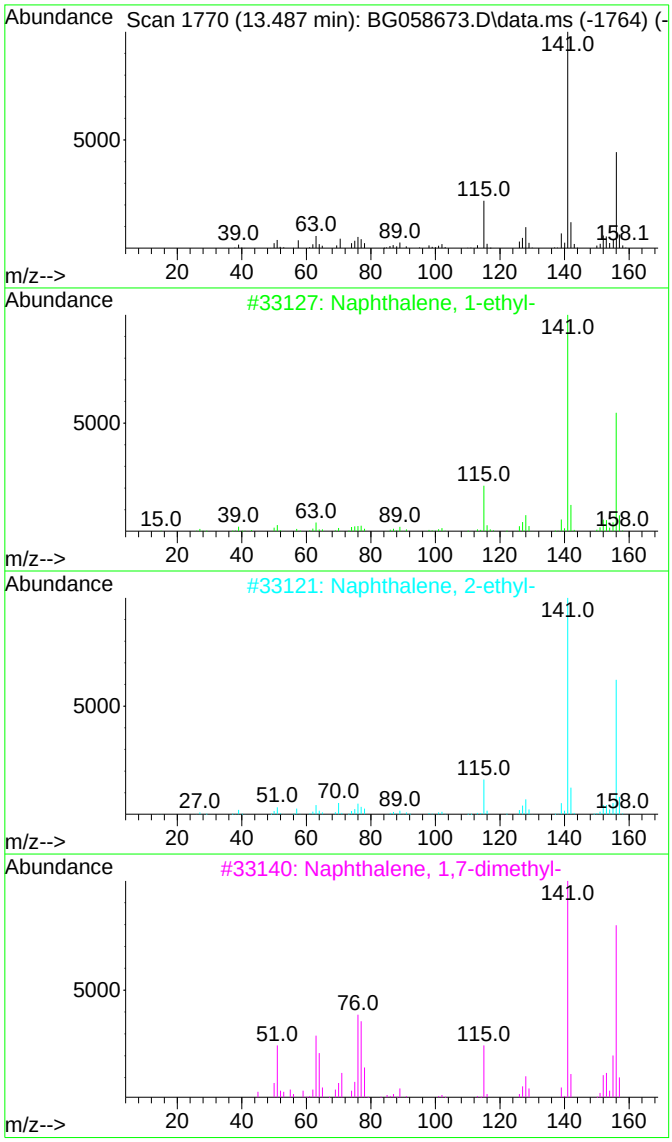
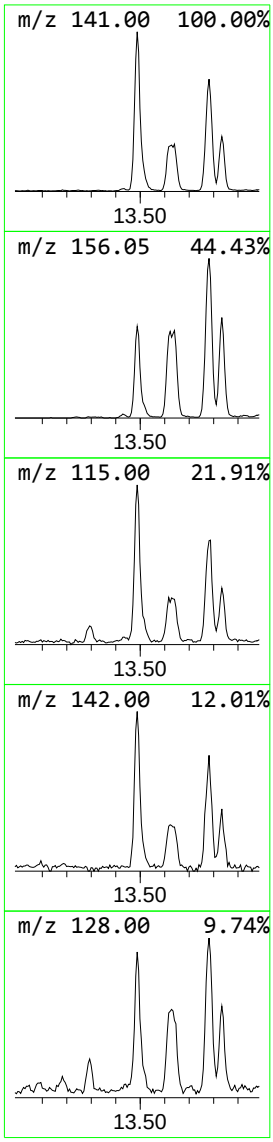
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	10.66 ng	399556	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





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Acq On : 10 Aug 2023 10:43
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Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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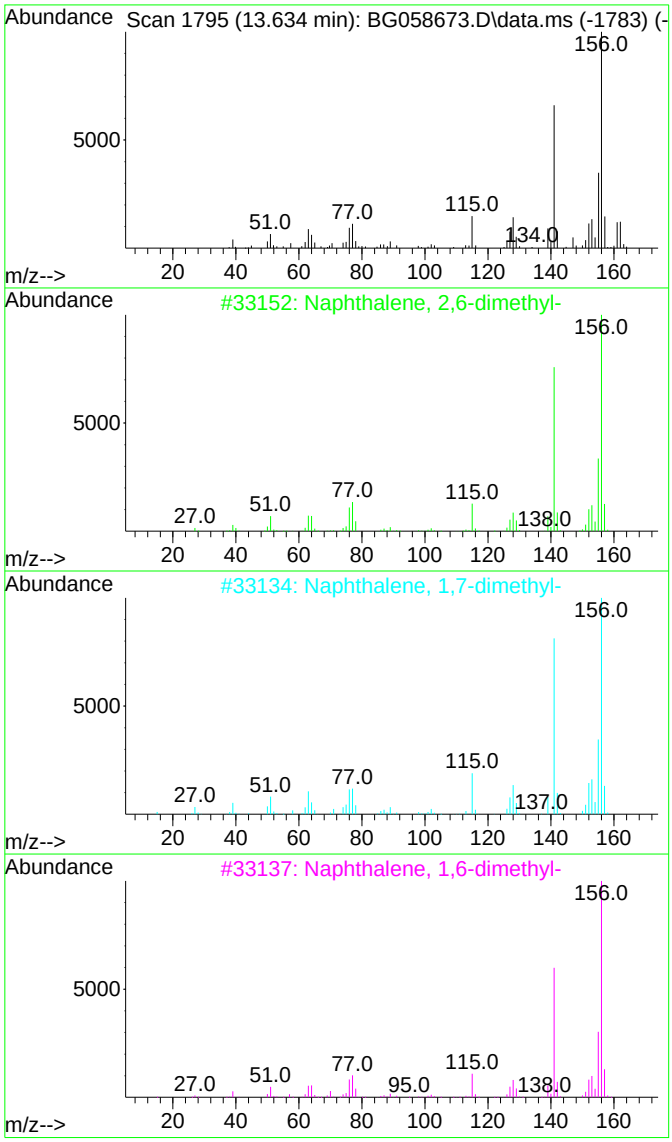
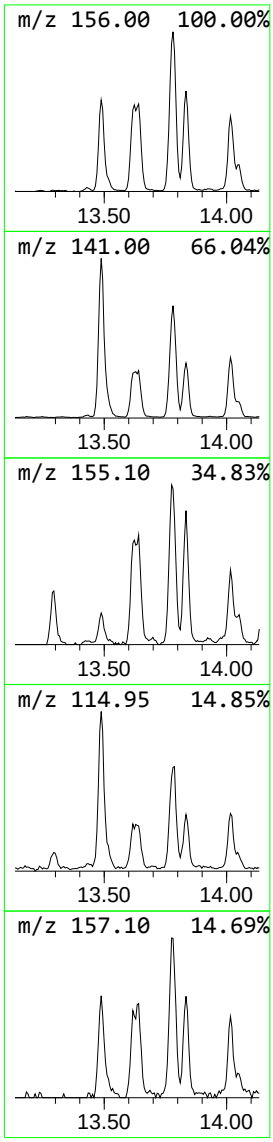
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.634	10.06 ng	377017	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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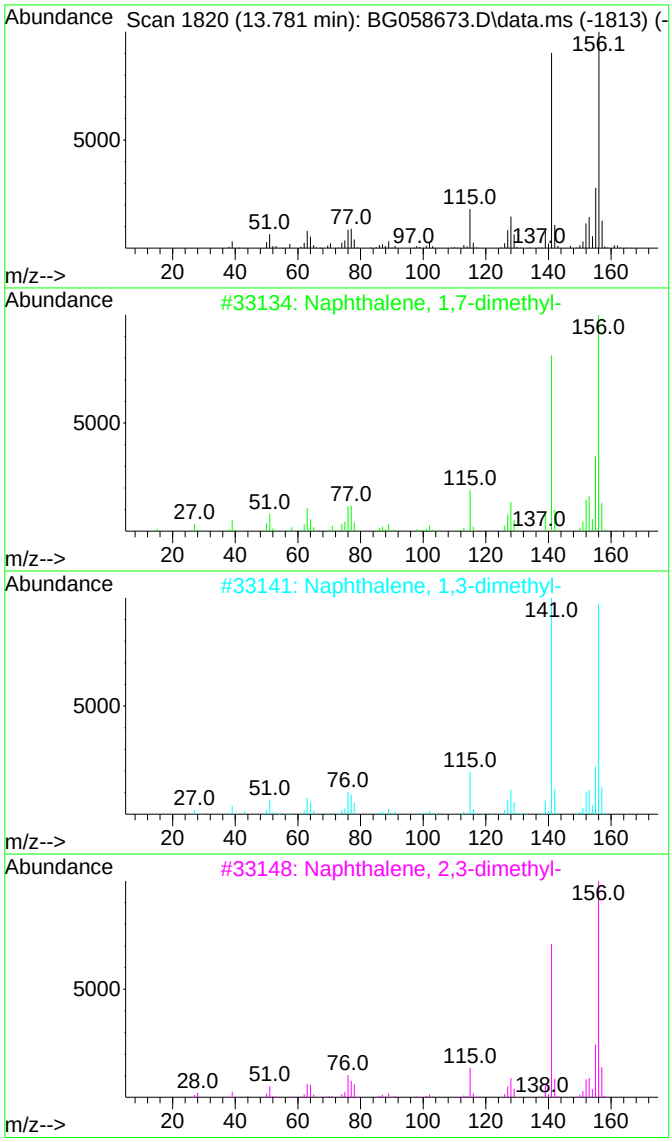
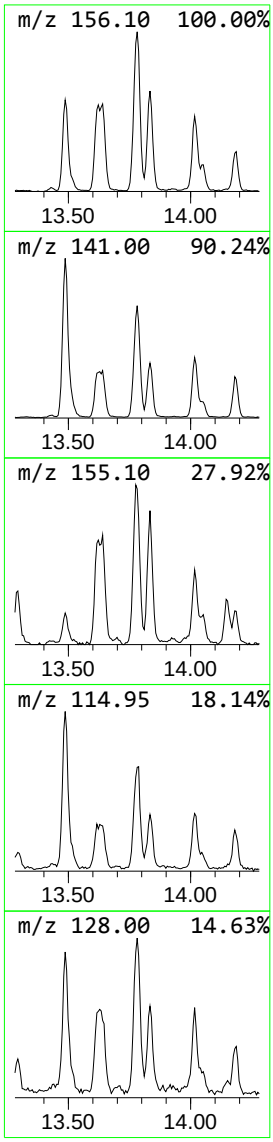
Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	12.21 ng	457704	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

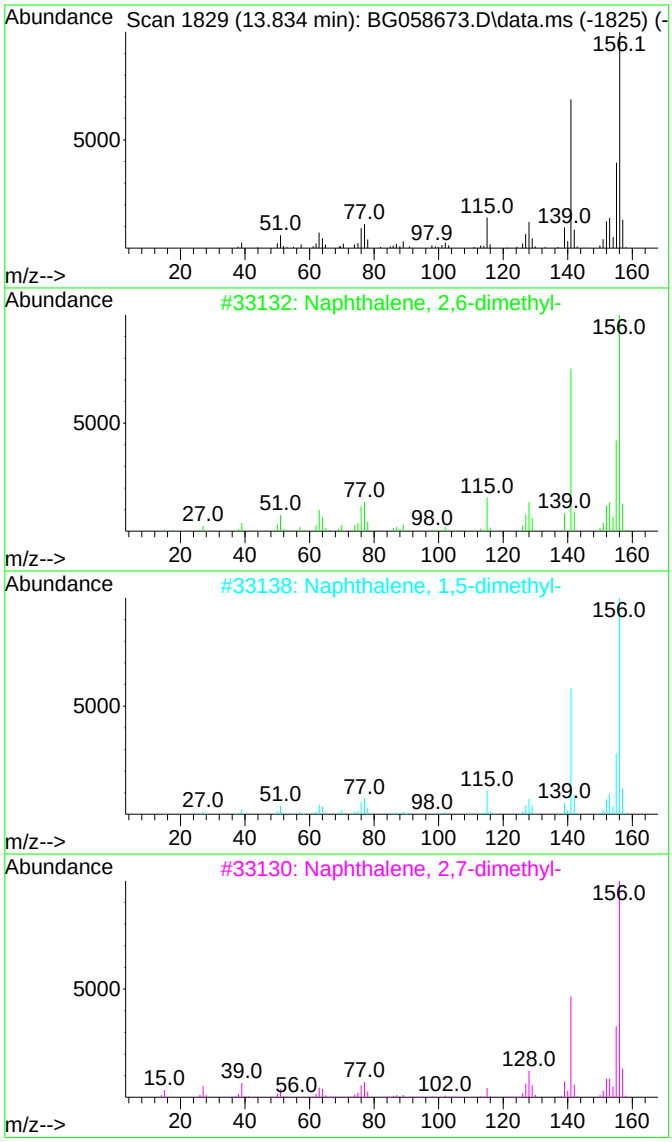
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

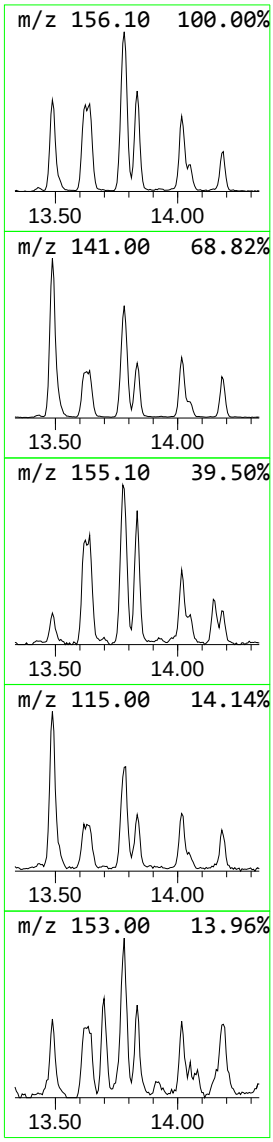
****

Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	6.27 ng	235202	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

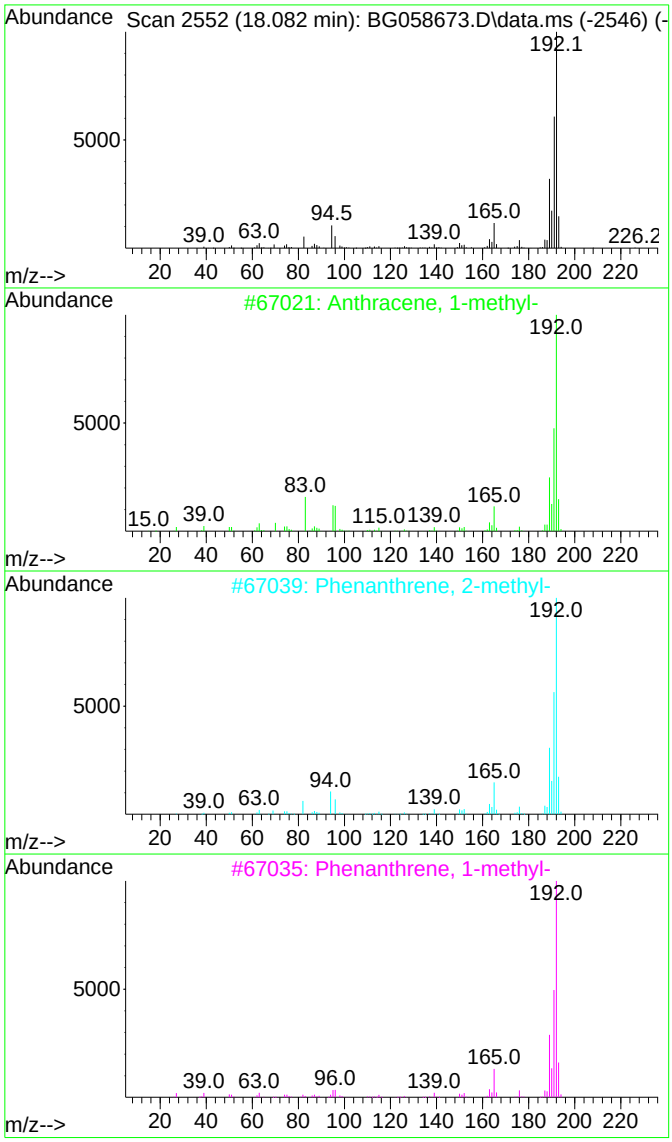
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

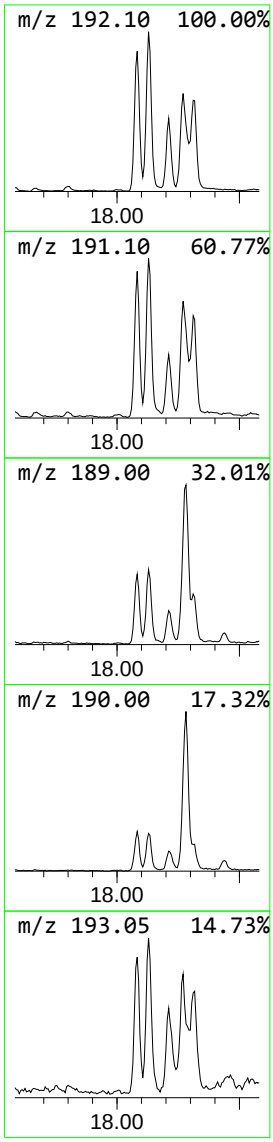
****

Peak Number 15 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.082	9.07 ng	365490	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

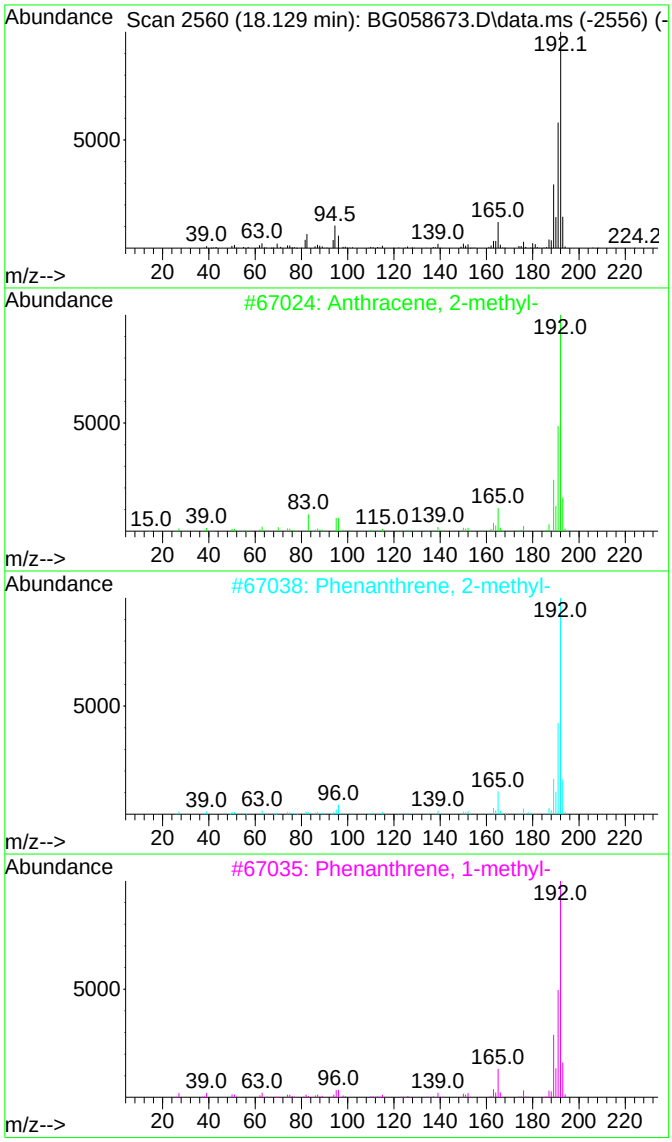
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

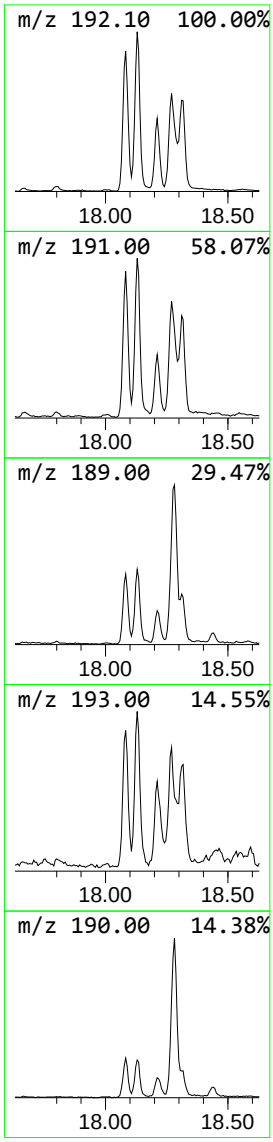
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.129	10.13 ng	408185	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : 03932-04 50X
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ALS Vial : 4 Sample Multiplier: 1

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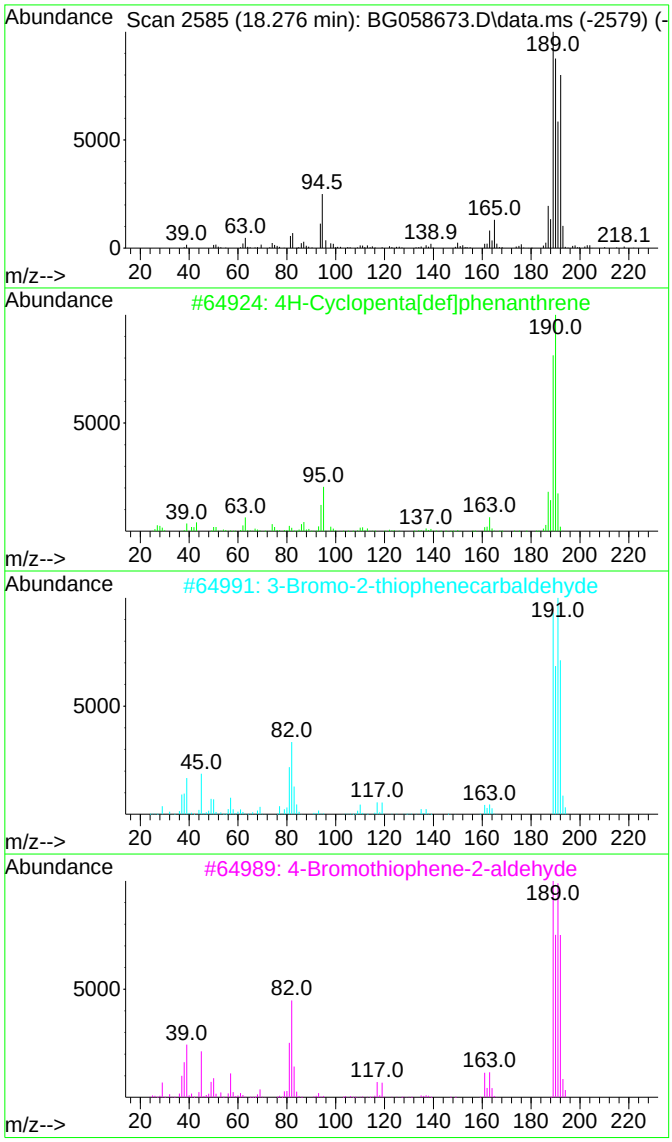
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

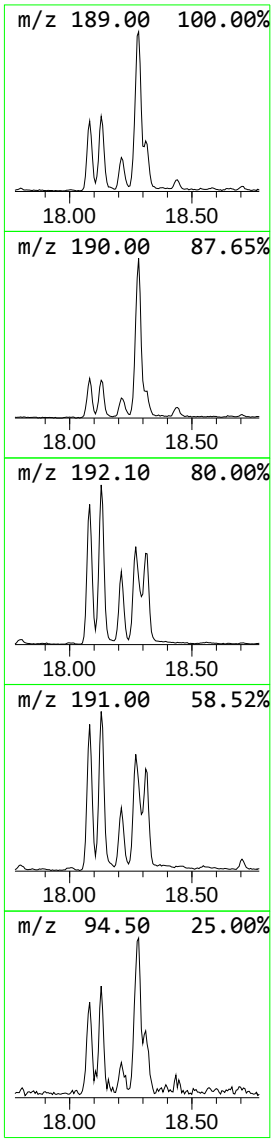
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.276	13.99 ng	563583	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	53
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	53
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





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Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

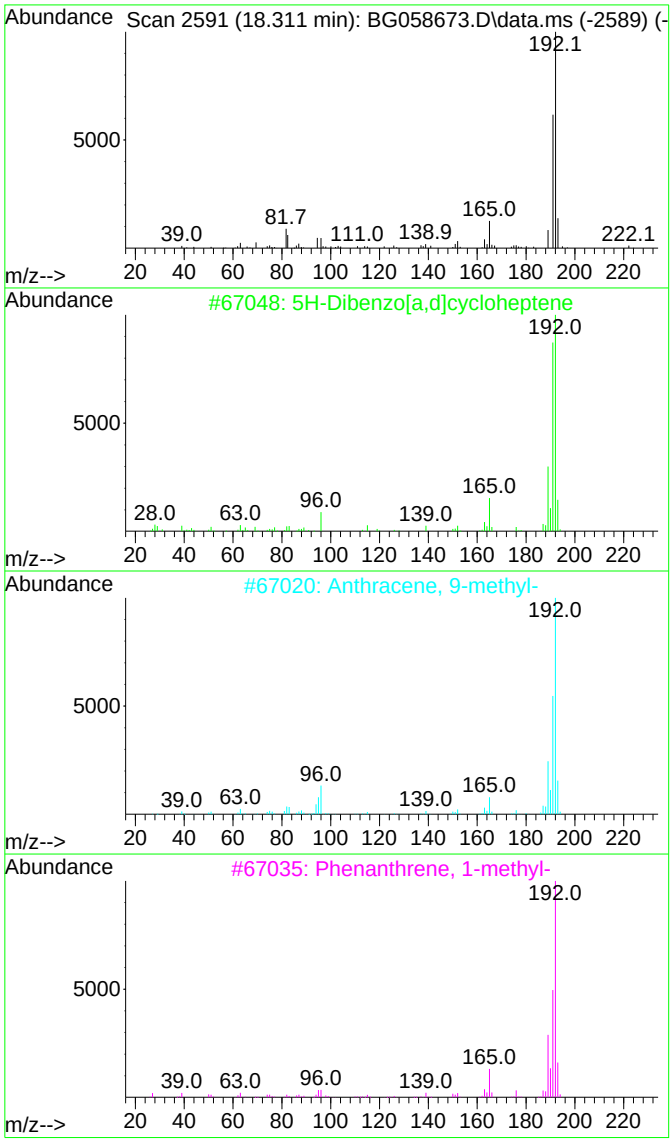
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

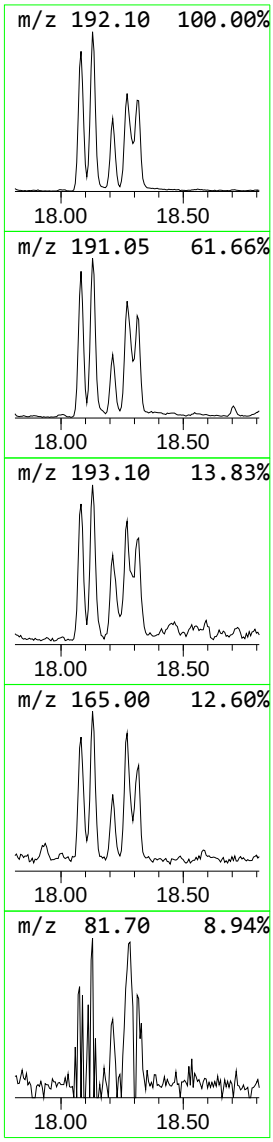
****

Peak Number 18 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	5.50 ng	221554	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

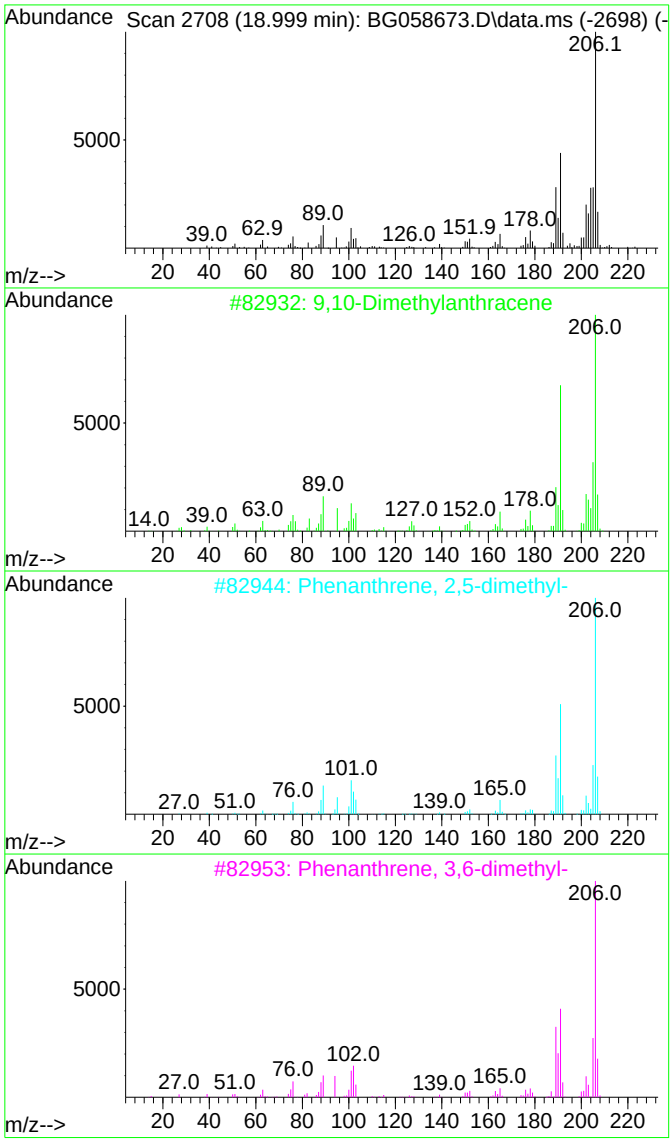
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

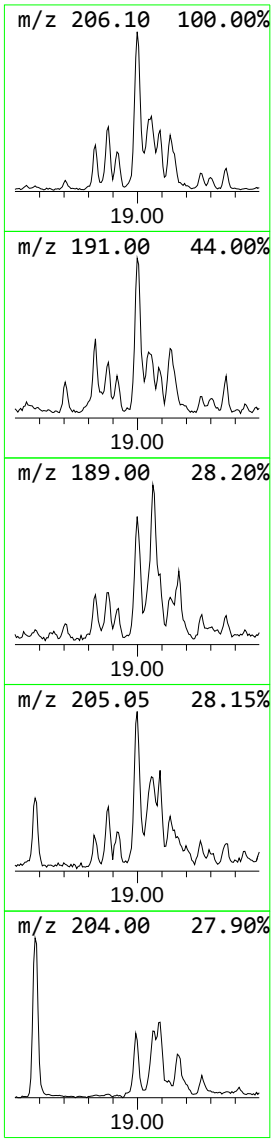
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.999	7.95 ng	320195	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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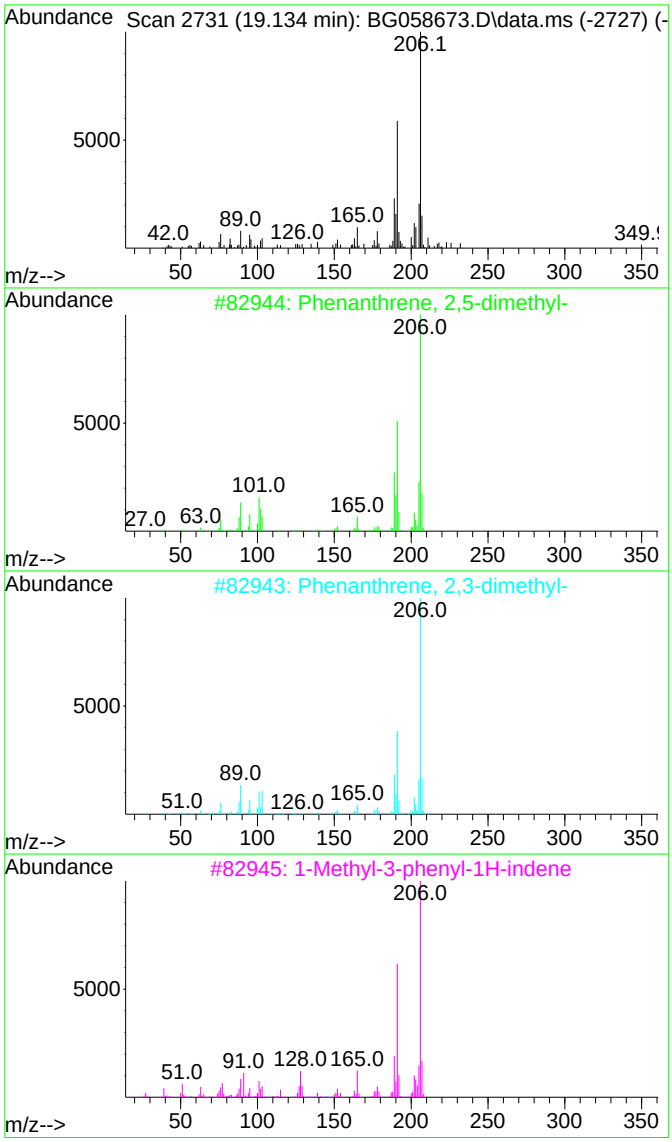
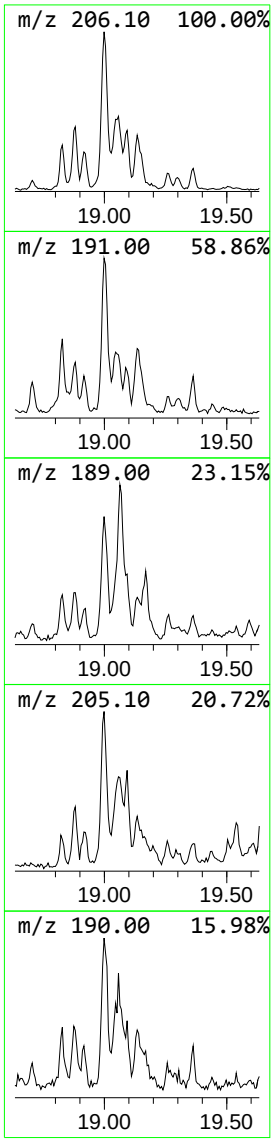
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.134	5.28 ng	212659	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058673.D
Acq On : 10 Aug 2023 10:43
Operator : MA/JU
Sample : 03932-04 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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
Benzene, 1,3-di...	5.450	7.3	ng	132133	1	7.818	360807	20.0
Benzene, 1-ethy...	6.895	14.2	ng	256430	1	7.818	360807	20.0
Benzene, 1-ethy...	6.954	7.4	ng	134082	1	7.818	360807	20.0
Benzene, 1,2,3-...	7.459	13.4	ng	241001	1	7.818	360807	20.0
Indane	8.188	44.9	ng	809246	1	7.818	360807	20.0
p-Cymene	8.452	7.2	ng	129072	1	7.818	360807	20.0
Benzene, 2-ethy...	8.916	5.7	ng	102641	1	7.818	360807	20.0
2-Methylindene	10.039	12.6	ng	331209	2	10.614	526639	20.0
Benzene, 1-buty...	10.115	12.9	ng	339989	2	10.614	526639	20.0
Naphthalene, 1-...	13.487	10.7	ng	399556	3	14.457	749686	20.0
Naphthalene, 2,...	13.634	10.1	ng	377017	3	14.457	749686	20.0
Naphthalene, 1,...	13.781	12.2	ng	457704	3	14.457	749686	20.0
Naphthalene, 1,...	13.834	6.3	ng	235202	3	14.457	749686	20.0
Anthracene, 1-m...	18.082	9.1	ng	365490	4	17.206	805703	20.0
Anthracene, 2-m...	18.129	10.1	ng	408185	4	17.206	805703	20.0
4H-Cyclopenta[d...	18.276	14.0	ng	563583	4	17.206	805703	20.0
Anthracene, 9-m...	18.311	5.5	ng	221554	4	17.206	805703	20.0
9,10-Dimethylan...	18.999	8.0	ng	320195	4	17.206	805703	20.0
Phenanthrene, 2...	19.134	5.3	ng	212659	4	17.206	805703	20.0