LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KTS2-TR-02-0-12

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.775	77	83	90	rVB3	20594	37422	1.93%	0.197%
2	4.269	160	167	178	rVB2	14014	27627	1.42%	0.145%
3	5.215	321	328	339	rBV	52708	94054	4.85%	0.494%
4	5.620	392	397	402	rBV	17740	26723	1.38%	0.140%
5	5.690	402	409	416	rVV	593674	988433	50.94%	5.193%
6	5.755	416	420	430	rVB2	12036	28475	1.47%	0.150%
7	6.125	476	483	503	rBV2	32207	113407	5.84%	0.596%
8	6.613	557	566	572	rBV2	19732	41271	2.13%	0.217%
9	7.218	664	669	674	rBV	14774	25407	1.31%	0.133%
10	7.300	674	683	690	rVV	631944	1142982	58.90%	6.006%
11	7.524	715	721	728	rBV2	35439	59714	3.08%	0.314%
12	7.811	762	770	778	rBV5	32836	121495	6.26%	0.638%
13	7.894	780	784	797	rVB4	19273	61240	3.16%	0.322%
14	8.146	822	827	842	rVB	161136	296927	15.30%	1.560%
15	8.270	842	848	854	rBV2	15961	32850	1.69%	0.173%
16	8.522	884	891	900	rBV	35032	64858	3.34%	0.341%
17	8.634	905	910	916	rBV4	14187	27771	1.43%	0.146%
18	8.705	916	922	931	rBV4	16943	51207	2.64%	0.269%
19	8.781	931	935	941	rVB2	16902	30031	1.55%	0.158%
20	8.975	963	968	976	rVB5	10913	20004	1.03%	0.105%
21	9.257	1010	1016	1020	rBV	39511	66368	3.42%	0.349%
22	9.321	1020	1027	1040	rVB	378125	743748	38.33%	3.908%
23	9.780	1100	1105	1110	rBV5	10619	20134	1.04%	0.106%
24	9.997	1135	1142	1161	rBV	77532	315480	16.26%	1.658%
25	10.209	1174	1178	1189	rVB2	27898	53763	2.77%	0.282%
26	10.361	1198	1204	1219	rBV4	46780	179776	9.26%	0.945%
27	10.514	1226	1230	1242	rBV6	14377	41558	2.14%	0.218%
28	10.920	1295	1299	1301	rBV3	14555	20705	1.07%	0.109%
29	10.972	1302	1308	1314	rVV	223603	418295	21.56%	2.198%
30	11.025	1314	1317	1324	rVB	62274	101221	5.22%	0.532%
31	11.102	1325	1330	1335	rVB3	13108	22192	1.14%	0.117%
32	11.490	1389	1396	1411	rBV2	91431	310446	16.00%	1.631%
33	11.631	1413	1420	1436	rVV	108704	360290	18.57%	1.893%
34	11.965	1474	1477	1482	rBV	15506	21547	1.11%	0.113%
35	12.054	1488	1492	1499	rBV7	18545	38864	2.00%	0.204%
36	12.353	1539	1543	1547	rVB2	27393	39128	2.02%	0.206%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KTS2-TR-02-0-12

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.618	1582	1588	1597	rBV2	102121	213444	11.00%	1.121%
38	12.765	1608	1613	1620	rBV2	36804	78437	4.04%	0.412%
39	12.841	1621	1626	1634	rVB2	62926	119209	6.14%	0.626%
40	13.011	1650	1655	1658	rBV	27154	50858	2.62%	0.267%
41	13.240	1689	1694	1701	rBV2	42952	91329	4.71%	0.480%
42	13.405	1715	1722	1732	rVB	999874	1587647	81.82%	8.342%
43	13.581	1745	1752	1756	rBV4	33832	68132	3.51%	0.358%
44	14.028	1824	1828	1830	rBV4	13766	23918	1.23%	0.126%
45	14.104	1836	1841	1846	rBV3	58575	112107	5.78%	0.589%
46	14.151	1846	1849	1854	rVB	37046	56196	2.90%	0.295%
47	14.227	1857	1862	1870	rVB3	73514	148124	7.63%	0.778%
48	14.333	1876	1880	1884	rVB3	32241	50542	2.60%	0.266%
49	14.510	1905	1910	1914	rBV2	55632	104262	5.37%	0.548%
50	14.651	1930	1934	1938	rBV	34364	39732	2.05%	0.209%
51	14.780	1951	1956	1962	rVB	339312	529593	27.29%	2.783%
52	14.844	1963	1967	1973	rVB	80237	136277	7.02%	0.716%
53	15.173	2020	2023	2030	rVB2	41999	66256	3.41%	0.348%
54	15.444	2065	2069	2073	rVB2	31816	43881	2.26%	0.231%
55	15.596	2092	2095	2100	rVB	59883	76473	3.94%	0.402%
56	15.820	2128	2133	2145	rVB4	53952	136597	7.04%	0.718%
57	16.266	2203	2209	2217	rVB	756233	1178606	60.74%	6.193%
58	16.460	2238	2242	2243	rBV	52614	62650	3.23%	0.329%
59	16.689	2278	2281	2288	rVB	59148	95002	4.90%	0.499%
60	17.253	2373	2377	2382	rVB	57737	73423	3.78%	0.386%
61	17.394	2398	2401	2409	rVB	73339	108545	5.59%	0.570%
62	17.530	2418	2424	2428	rBV	392084	629965	32.47%	3.310%
63	17.571	2428	2431	2442	rVB	185605	289851	14.94%	1.523%
64	17.659	2443	2446	2450	rVV	50098	68190	3.51%	0.358%
65	17.729	2455	2458	2465	rVB	62928	99351	5.12%	0.522%
66	17.935	2489	2493	2499	rVB	130746	183096	9.44%	0.962%
67	17.994	2500	2503	2507	rVV2	54553	69184	3.57%	0.364%
68	18.041	2509	2511	2517	rVB	49951	62537	3.22%	0.329%
69	18.141	2525	2528	2532	rVB	54416	63935	3.29%	0.336%
70	18.223	2539	2542	2546	rVB	87378	109381	5.64%	0.575%
71	18.405	2568	2573	2577	rBV3	134525	229051	11.80%	1.203%
72	18.446	2577	2580	2585	rVB2	123116	169965	8.76%	0.893%
73	18.605	2601	2607	2616	rBV4	116331	383944	19.79%	2.017%
74	18.681	2616	2620	2628	rVV4	87944	152575	7.86%	0.802%
75	18.834	2643	2646	2653	rVB2	90600	132538	6.83%	0.696%
76	19.139	2695	2698	2702	rVB2	88524	111058	5.72%	0.584%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.316	2724	2728	2733	rBV2	102863	180142	9.28%	0.947%
78	19.586	2770	2774	2778	rBV	212166	289136	14.90%	1.519%
79	19.944	2830	2835	2841	rVB	299516	478916	24.68%	2.516%
80	20.126	2861	2866	2871	rBV	1455123	1940424	100.00%	10.195%
81	20.726	2965	2968	2972	rBV	116923	141822	7.31%	0.745%
82	21.431	3085	3088	3093	rVB3	162003	233692	12.04%	1.228%
83	21.824	3147	3155	3160	rBV2	446022	1101020	56.74%	5.785%
84	25.197	3723	3729	3740	rVB2	216663	615742	31.73%	3.235%

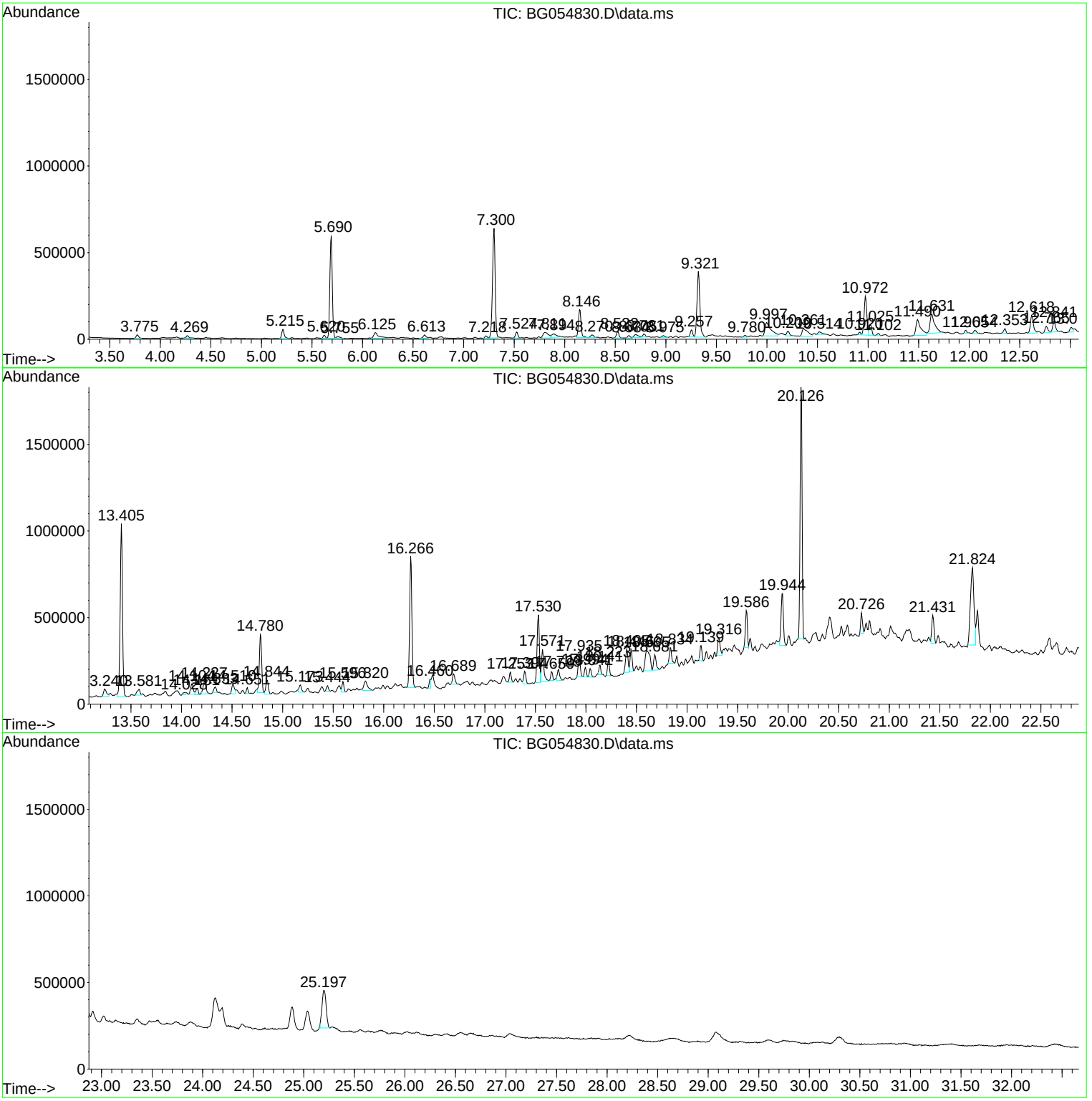
Sum of corrected areas: 19032168

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

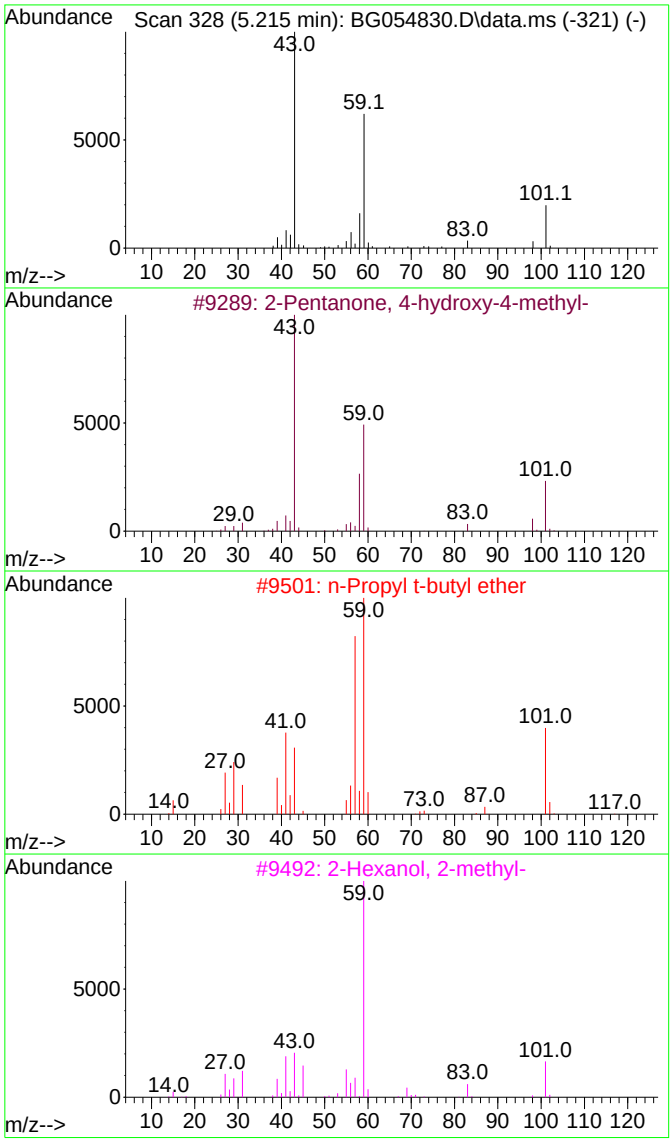
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

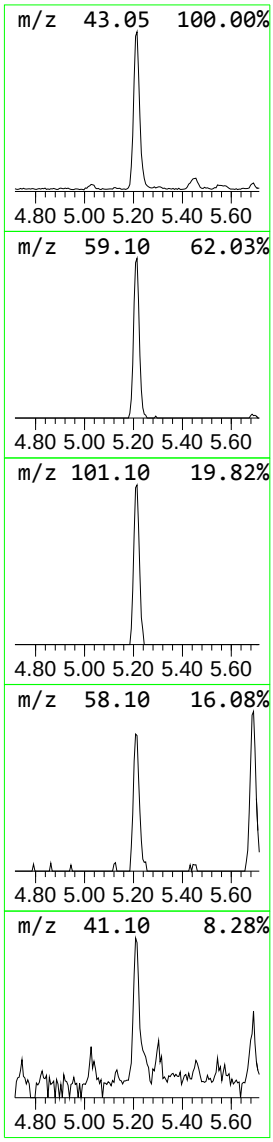
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.215	6.34 ng	94054	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

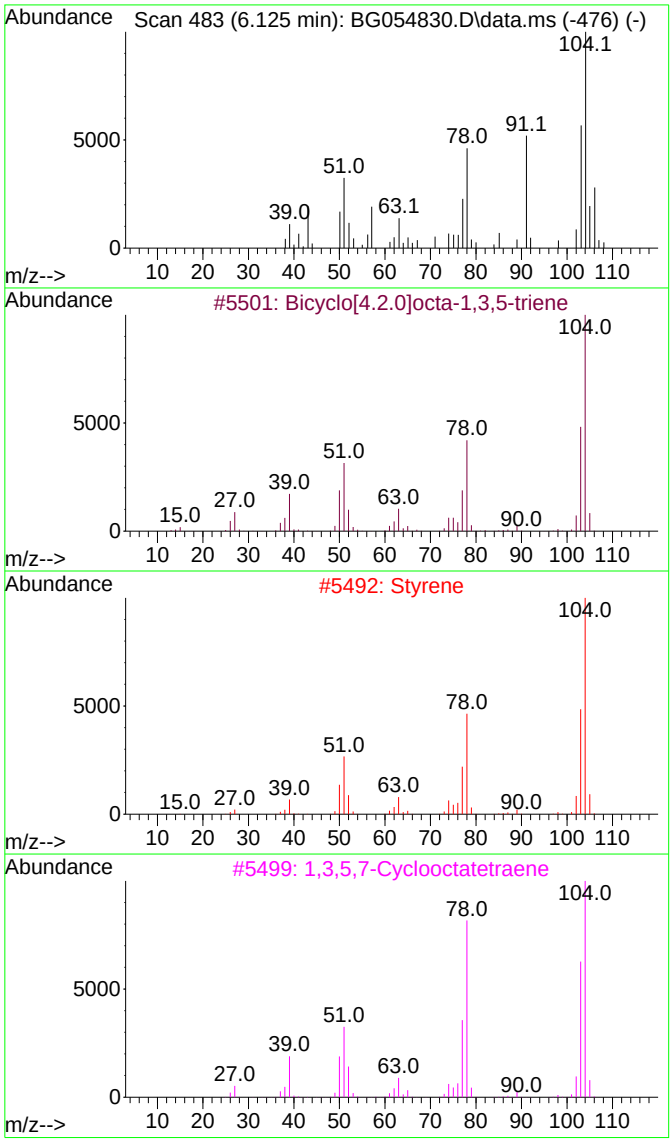
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

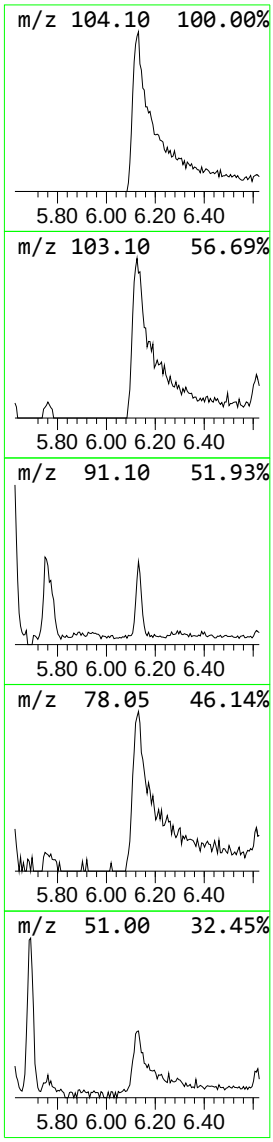
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.125	7.64 ng	113407	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
2	Styrene	104	C8H8	000100-42-5	93
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	81
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	50
5	Benzenepropanoyl bromide	212	C9H9BrO	010500-29-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

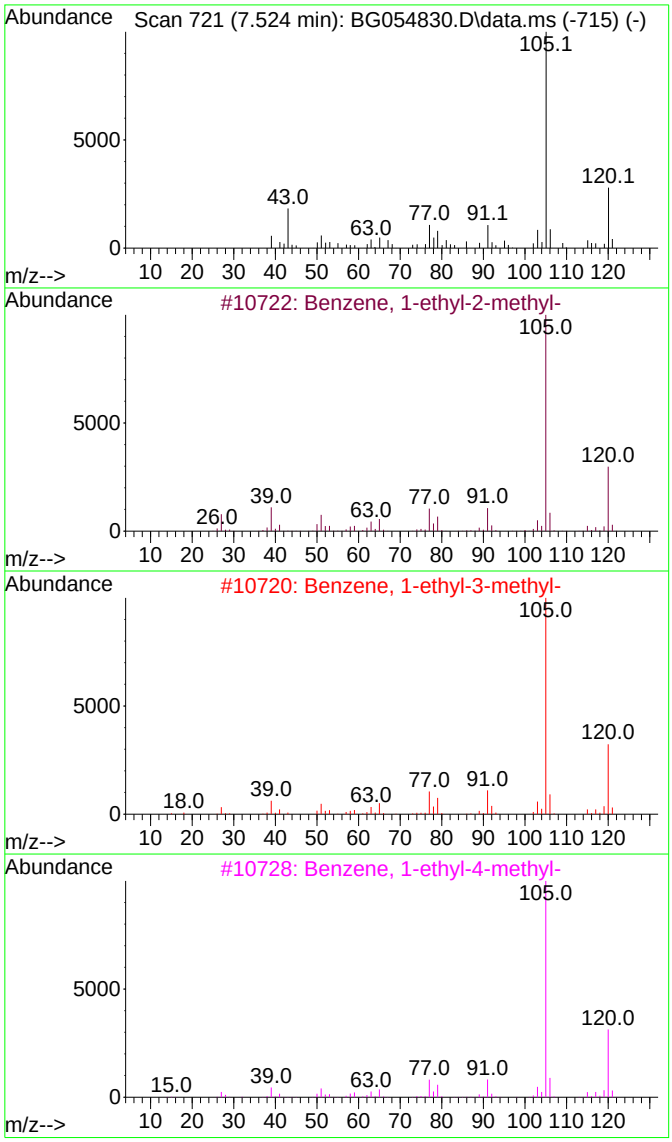
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

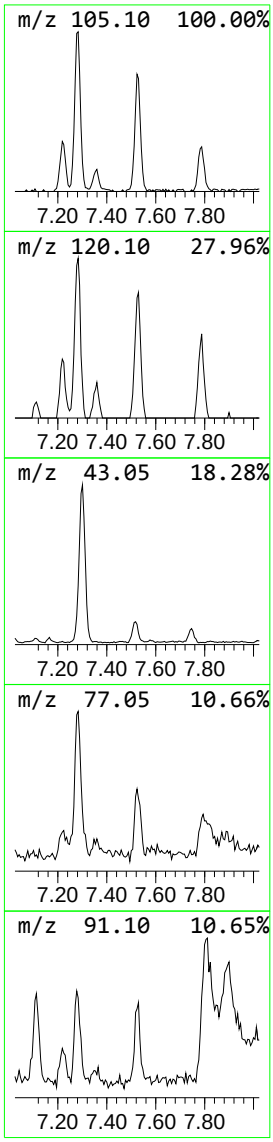
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.524	4.02 ng	59714	1,4-Dichlorobenzene-d4	8.146

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	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

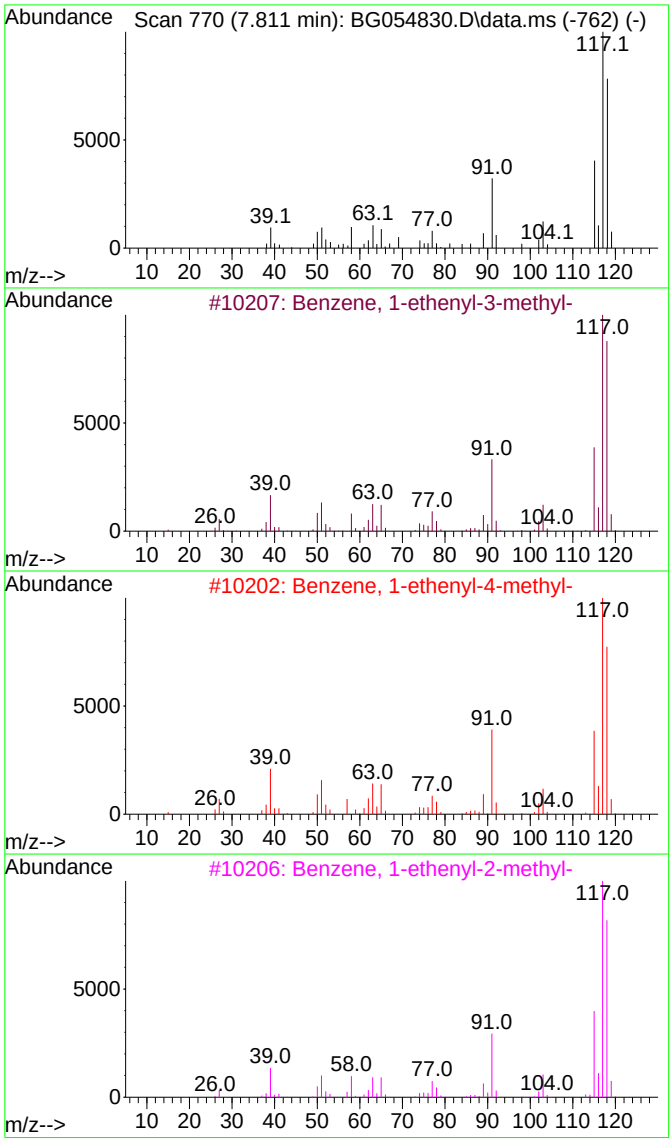
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

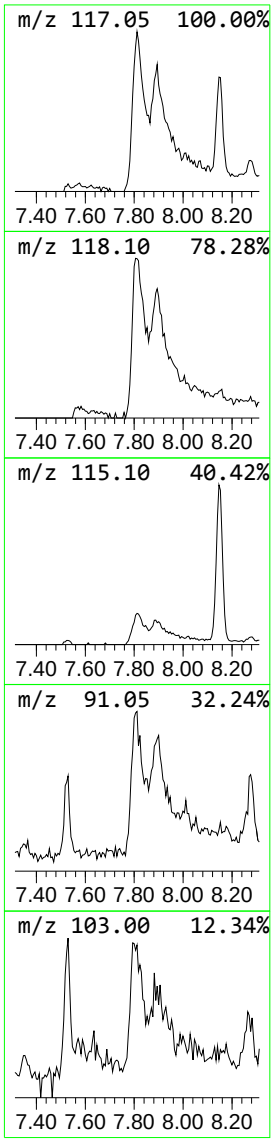
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.811	8.18 ng	121495	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

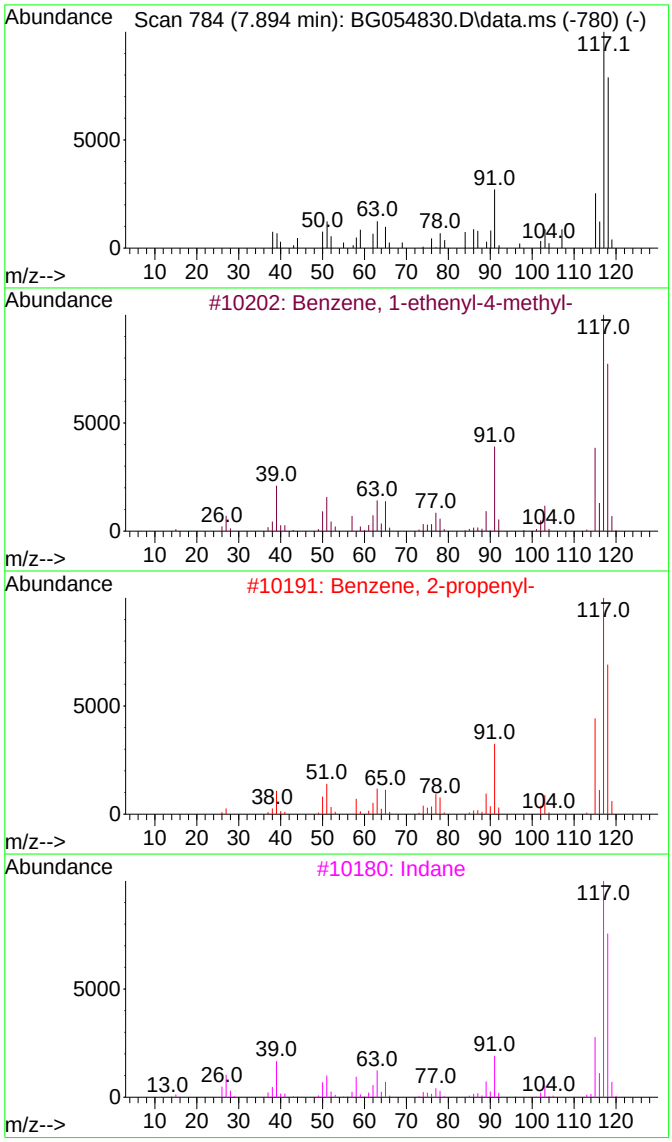
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

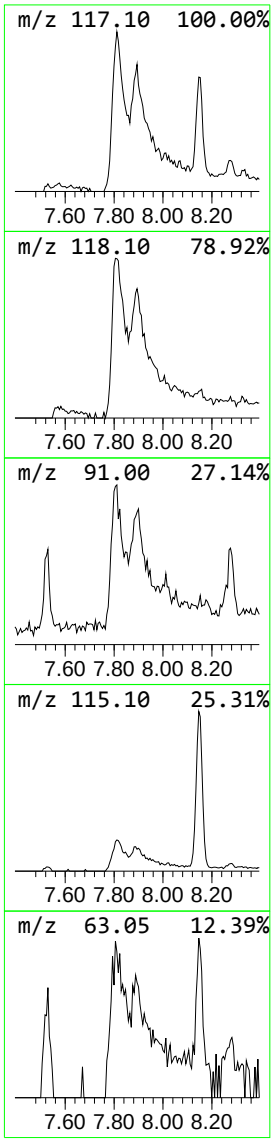
****

Peak Number 5 Benzene, 1-ethenyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.894	4.12 ng	61240	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

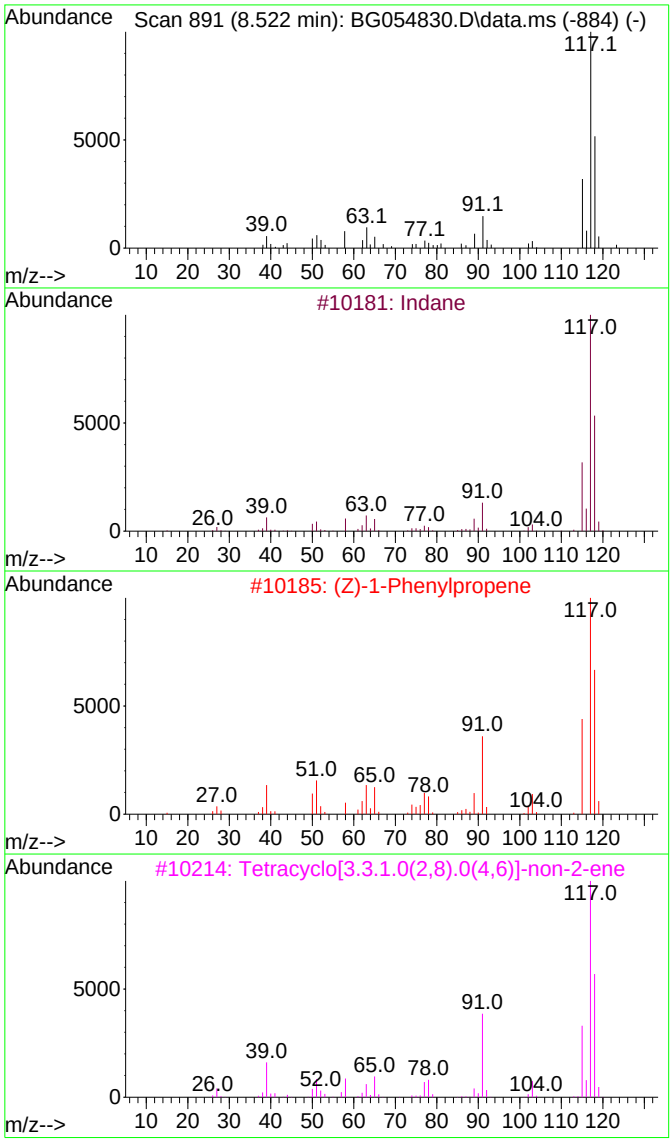
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

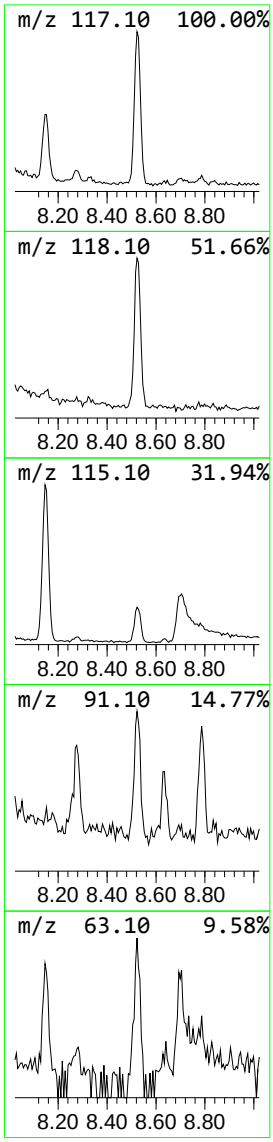
****

Peak Number 6 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	4.37 ng	64858	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

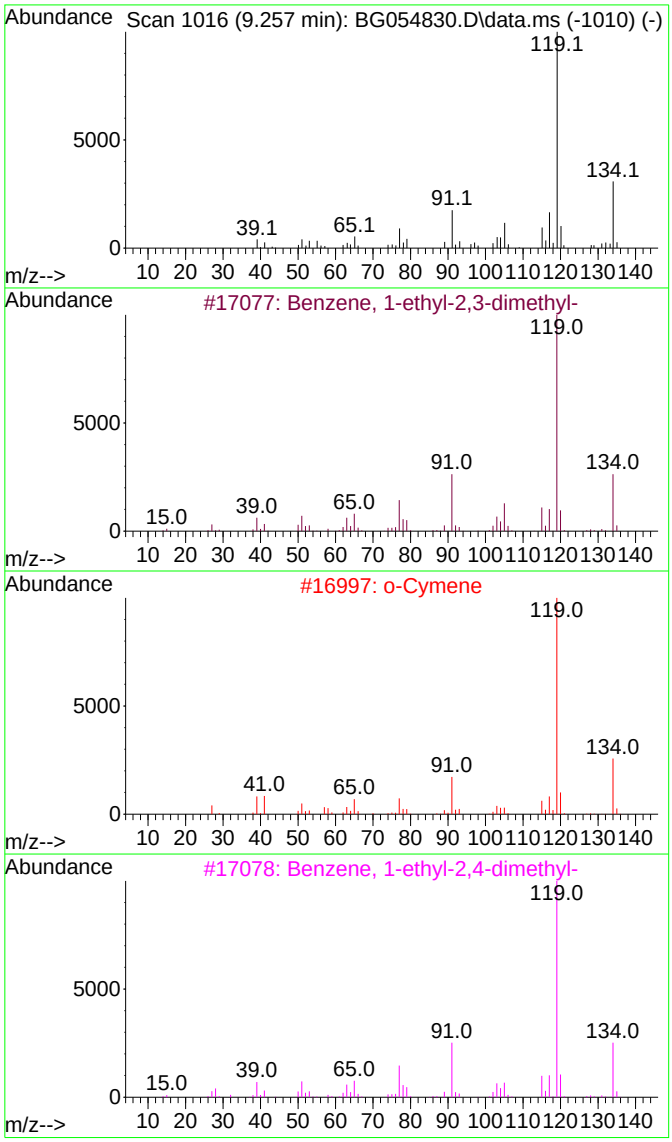
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

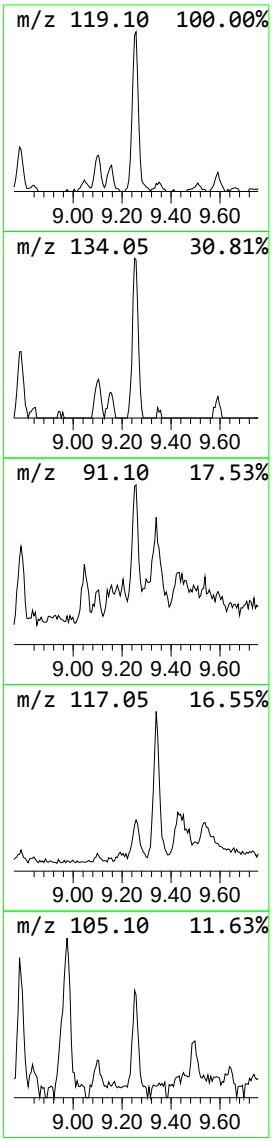
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	4.47 ng	66368	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KTS2-TR-02-0-12

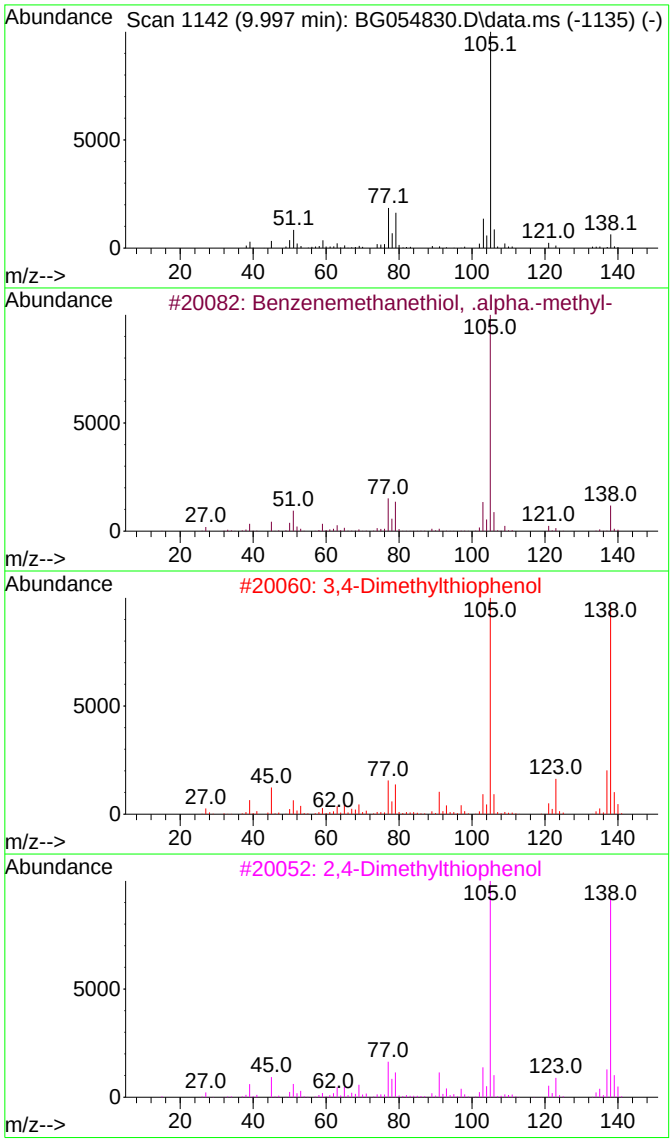
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

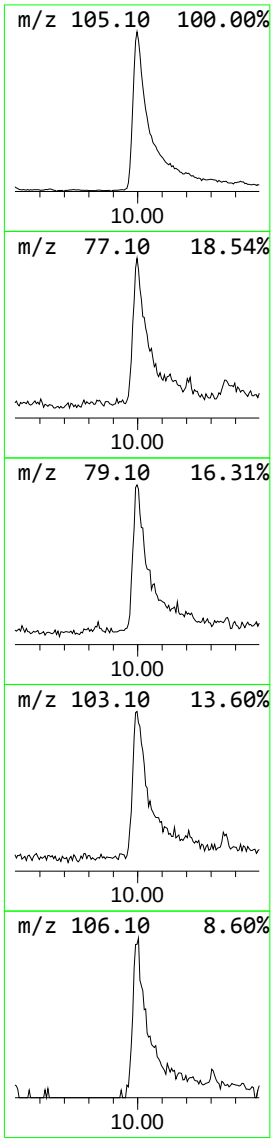
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzenemethanethiol, .alpha... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.997	15.08 ng	315480	Naphthalene-d8	10.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	90
2	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
4	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64





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Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KTS2-TR-02-0-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

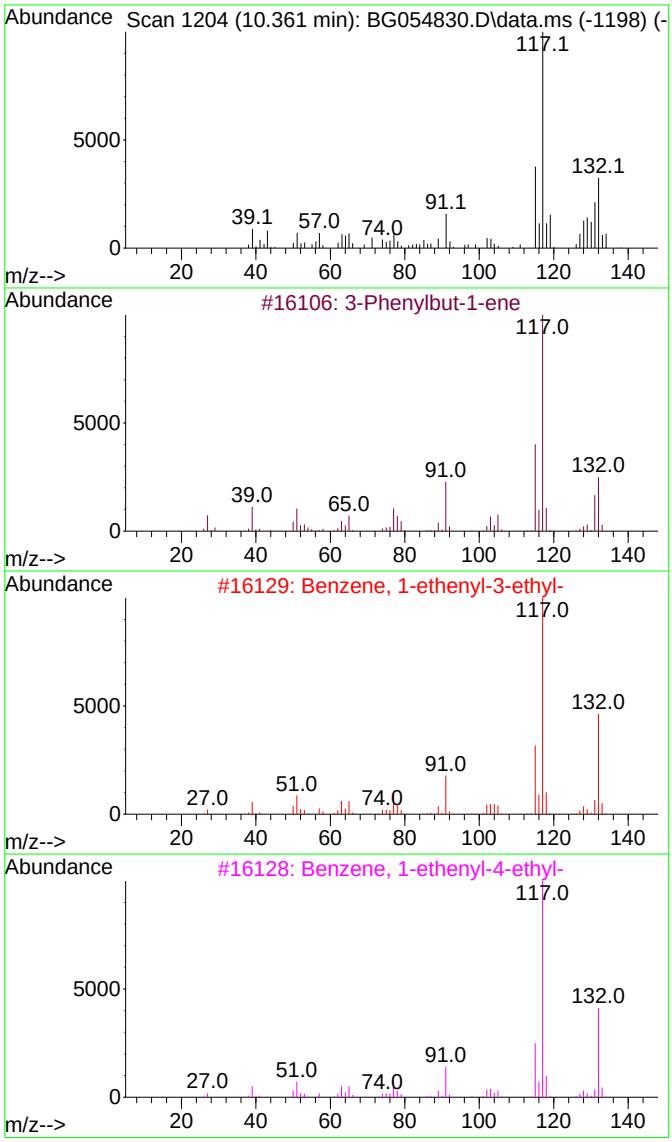
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

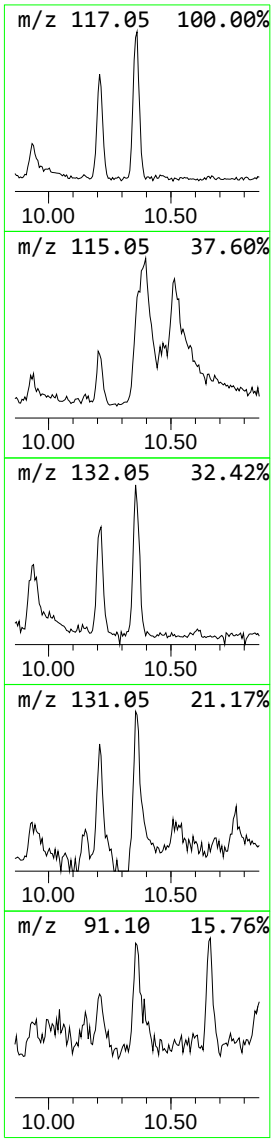
****

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.361	8.60 ng	179776	Naphthalene-d8	10.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64





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Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

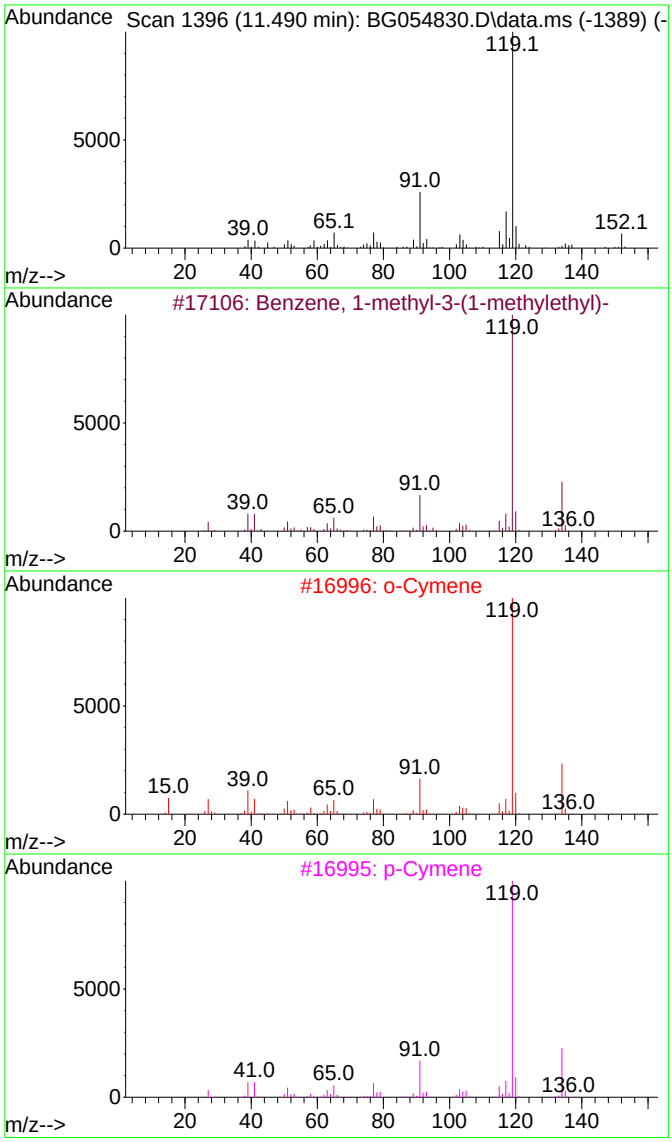
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

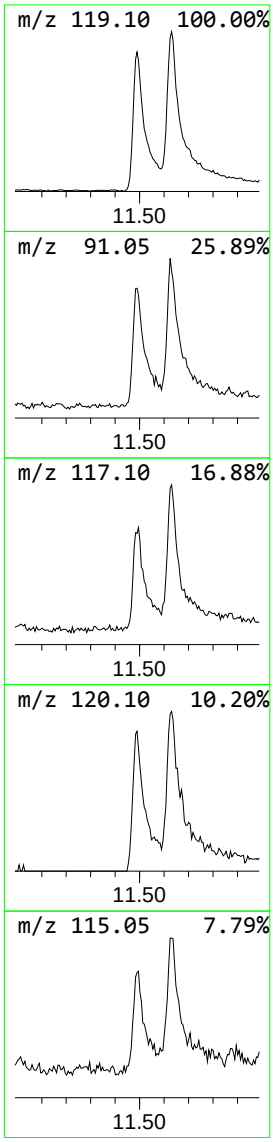
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	14.84 ng	310446	Naphthalene-d8	10.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	o-Cymene	134	C10H14	000527-84-4	87
3	p-Cymene	134	C10H14	000099-87-6	87
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72





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Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KTS2-TR-02-0-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

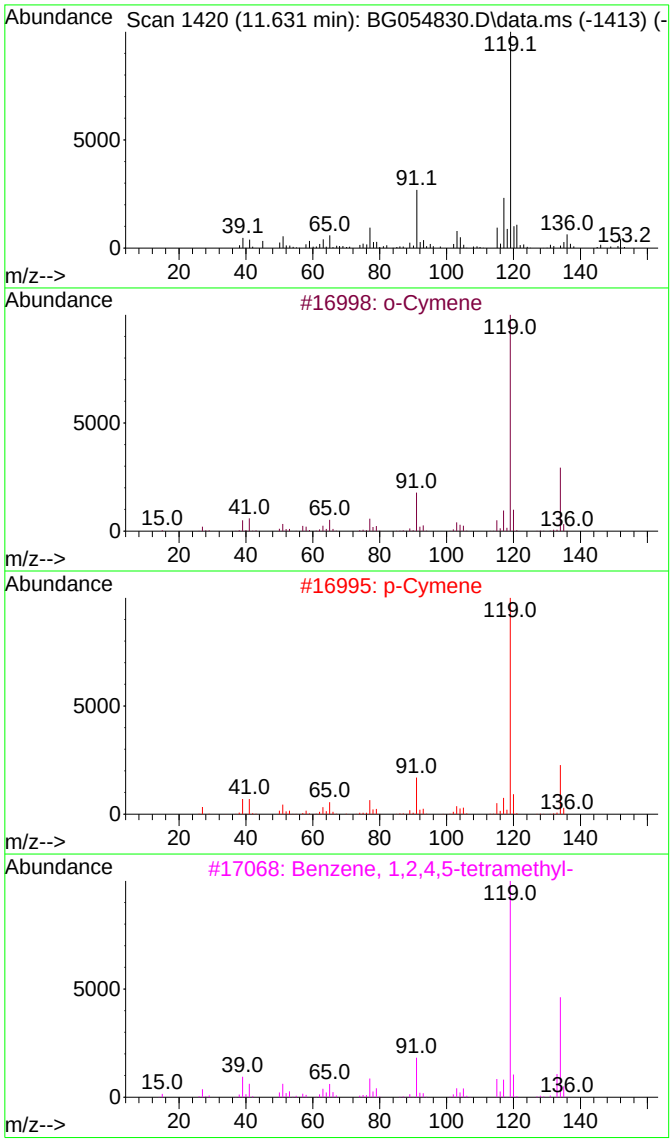
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

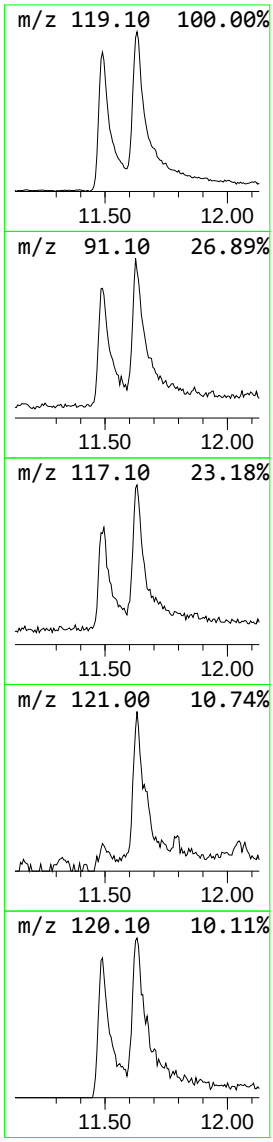
****

Peak Number 11 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.631	17.23 ng	360290	Naphthalene-d8	10.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	p-Cymene	134	C10H14	000099-87-6	76
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KTS2-TR-02-0-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

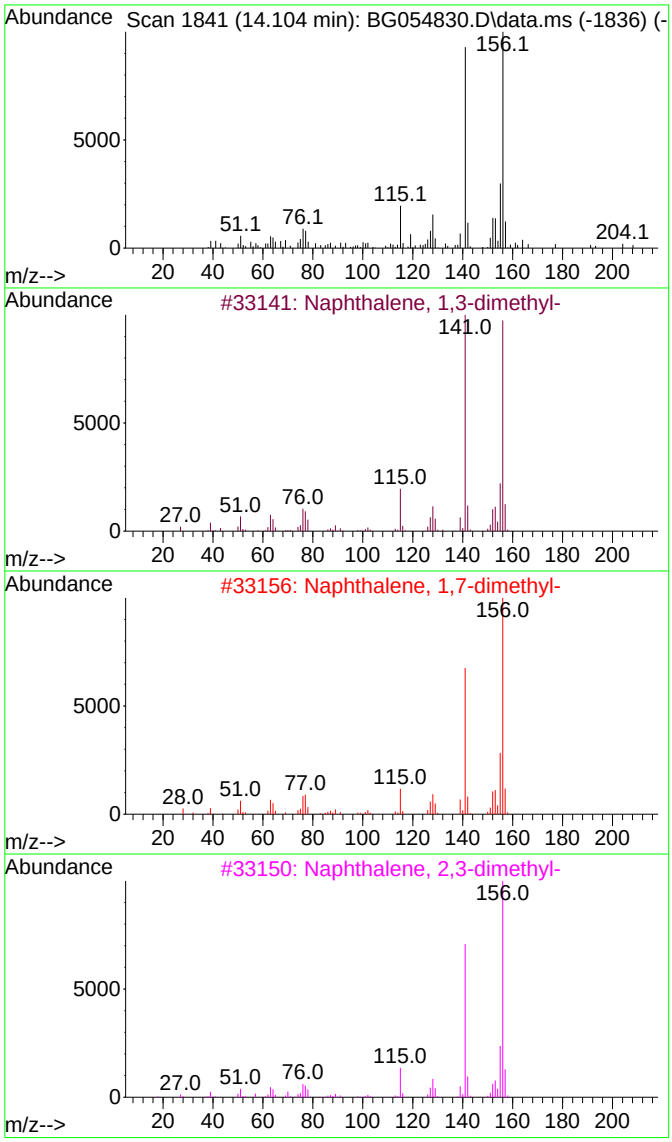
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

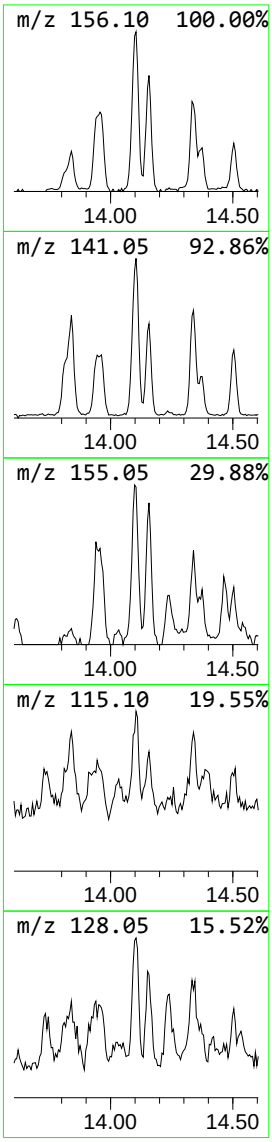
****

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	4.23 ng	112107	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KTS2-TR-02-0-12

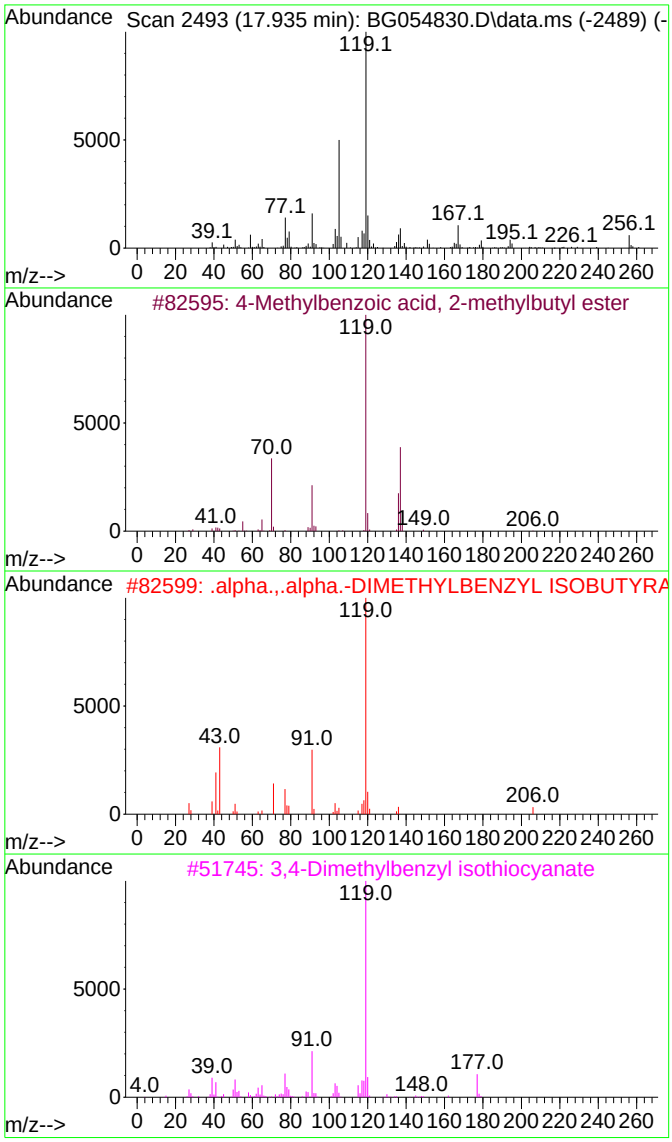
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

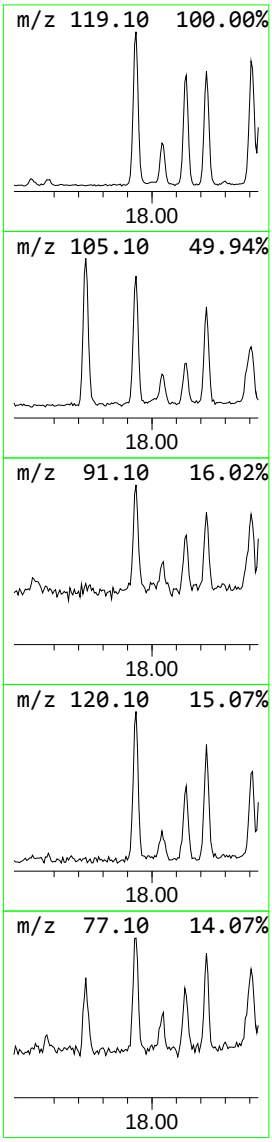
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-Methylbenzoic acid, 2-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.935	5.81 ng	183096	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylbenzoic acid, 2-methylbu...	206	C13H18O2	1000331-35-8	53
2	.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	53
3	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	52
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	52
5	Chloro(alpha,alpha-dimethylbenzy...	212	C11H17ClSi	118740-38-8	50





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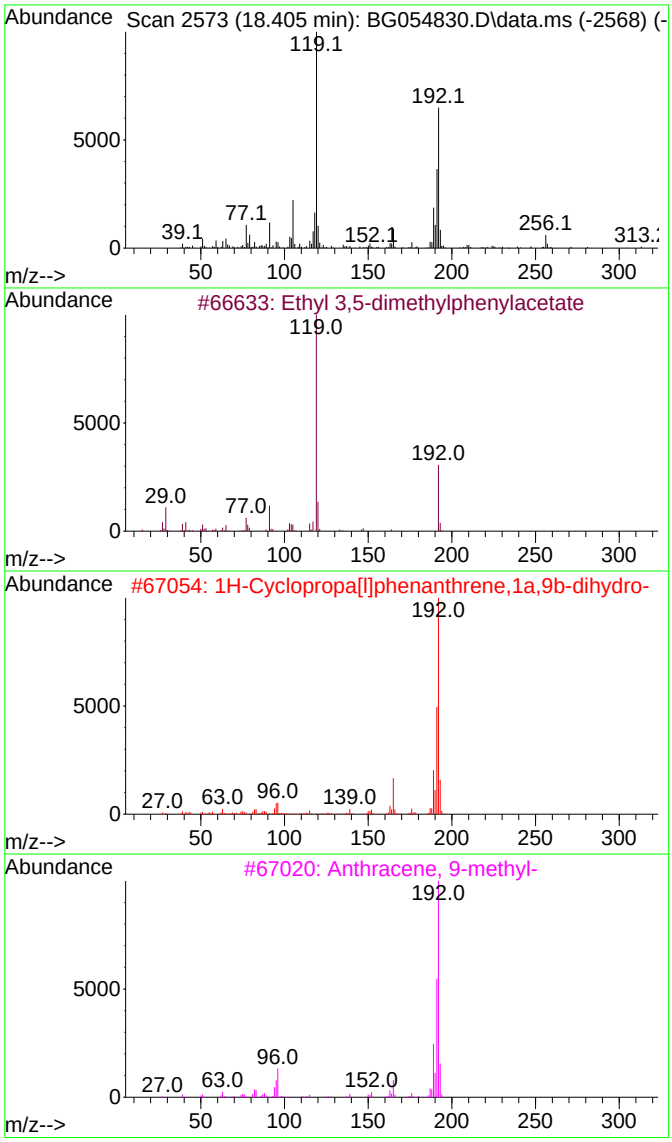
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

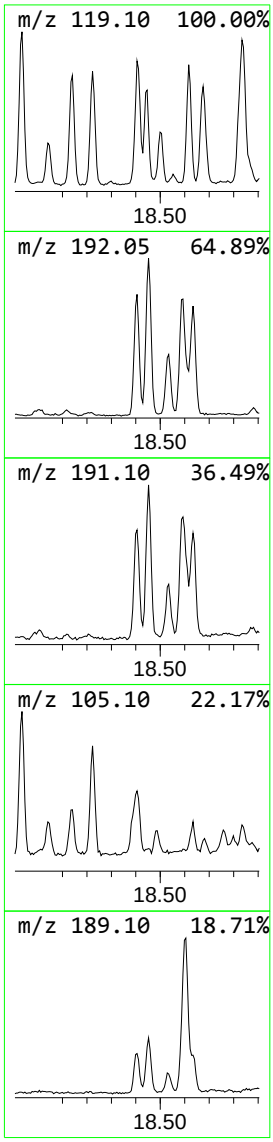
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Ethyl 3,5-dimethylphenylace... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.405	7.27 ng	229051	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 3,5-dimethylphenylacetate	192	C12H16O2	105337-18-6	53
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	47
4	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	38
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	35





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

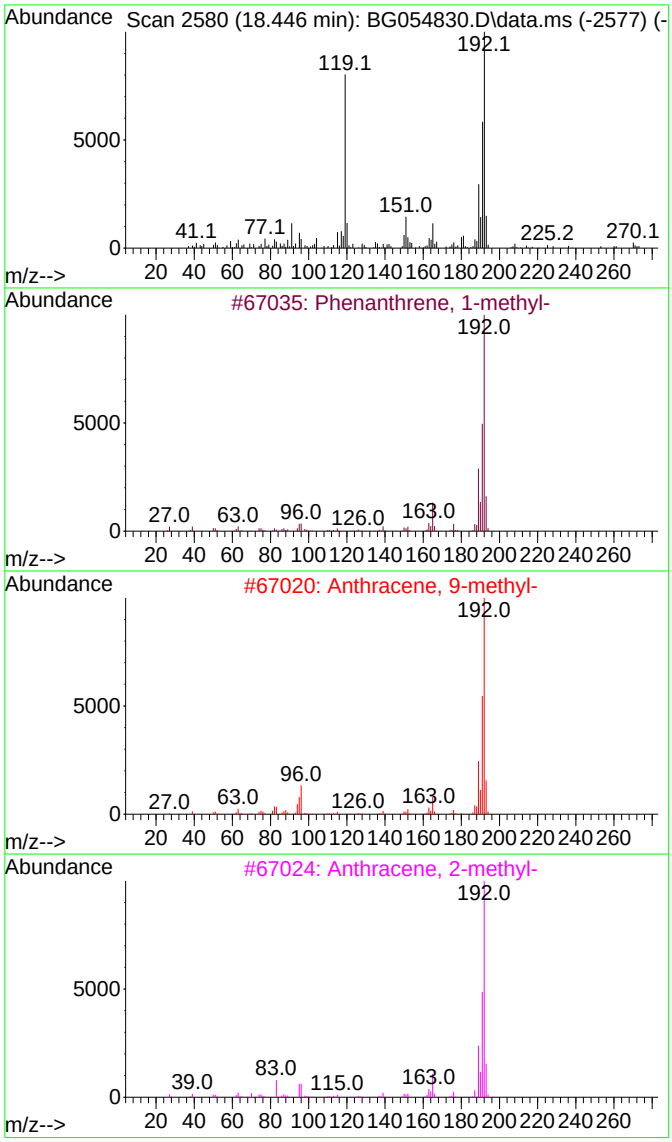
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

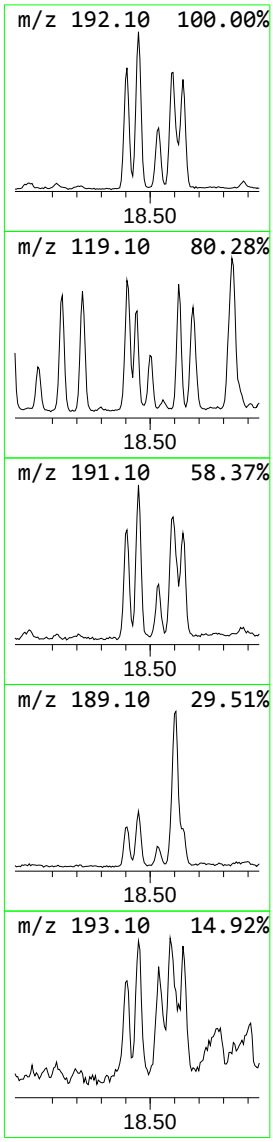
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	5.40 ng	169965	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





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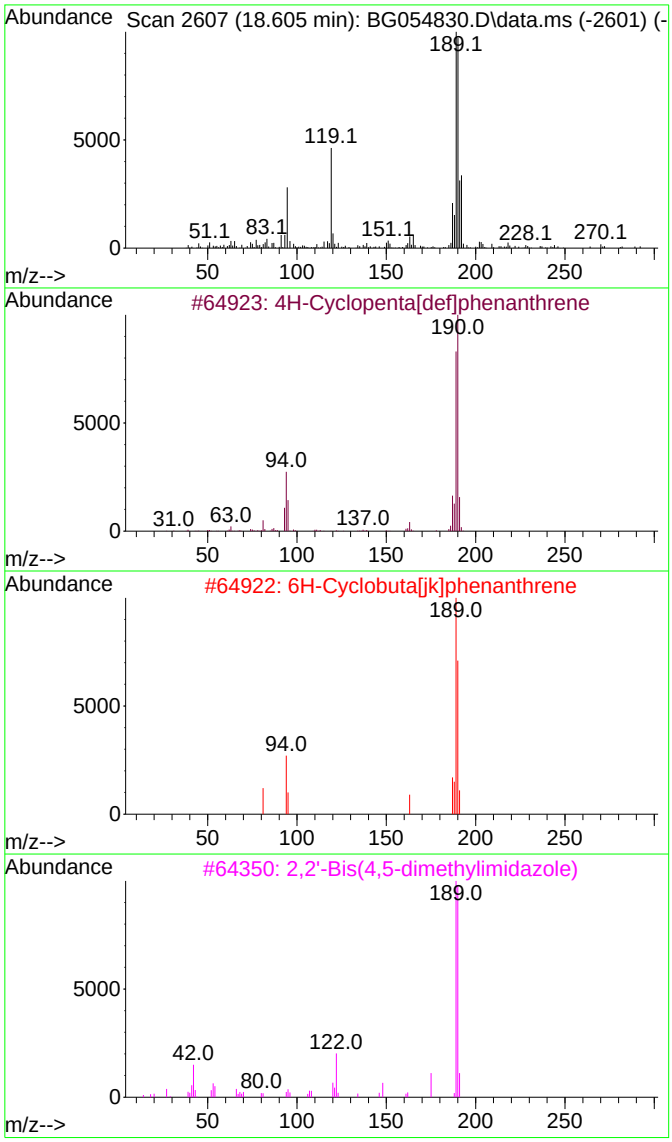
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

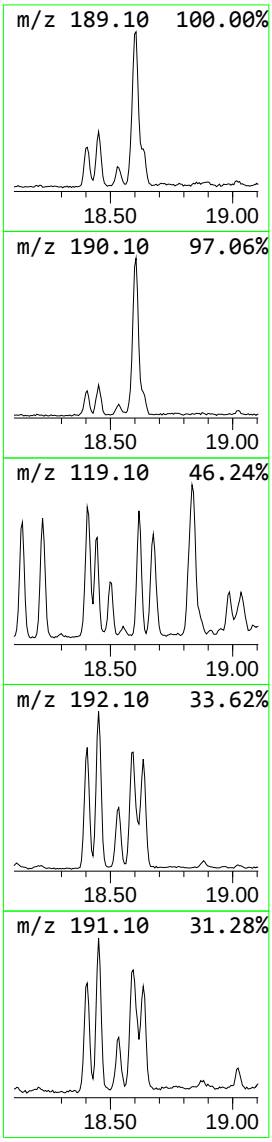
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.605	12.19 ng	383944	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4	Silane, diethylethoxyneopentyloxy-	218	C11H26O2Si	1000363-93-7	25
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	17





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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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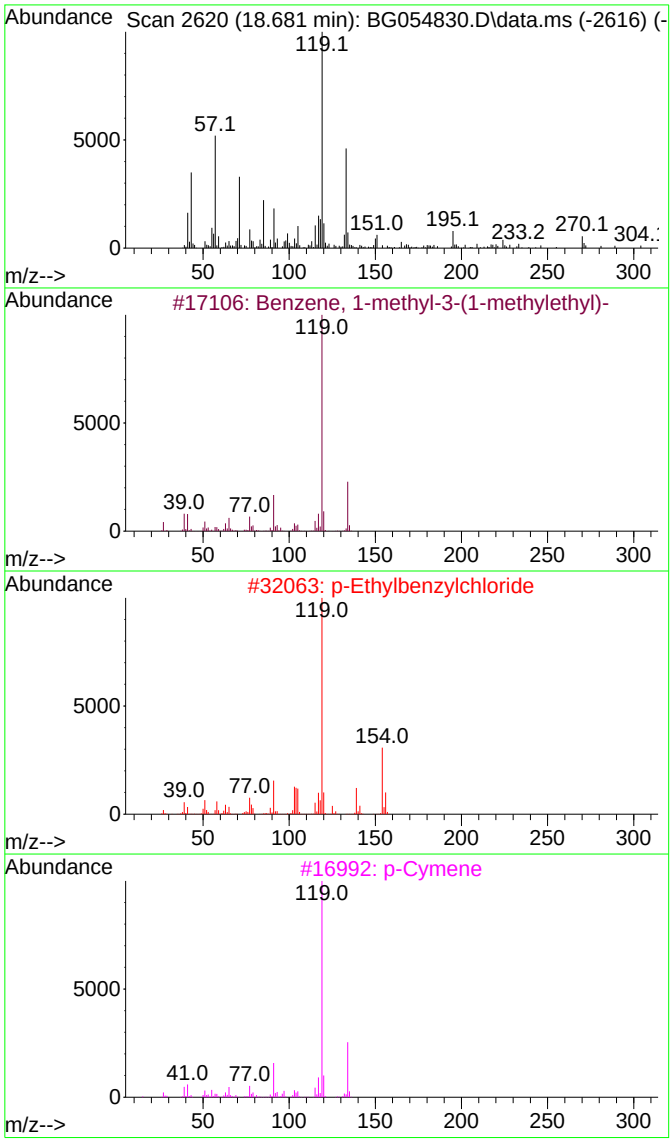
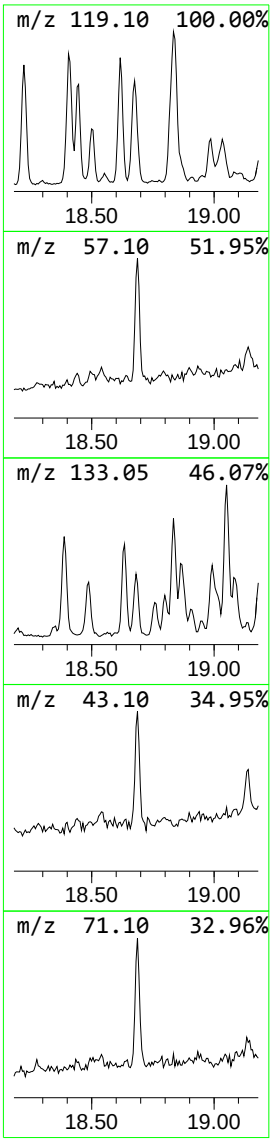
Peak Number 17 unknown18.681 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	4.84 ng	152575	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
2	p-Ethylbenzylchloride	154	C9H11Cl	001467-05-6	43
3	p-Cymene	134	C10H14	000099-87-6	43
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
5	o-Cymene	134	C10H14	000527-84-4	41





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Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

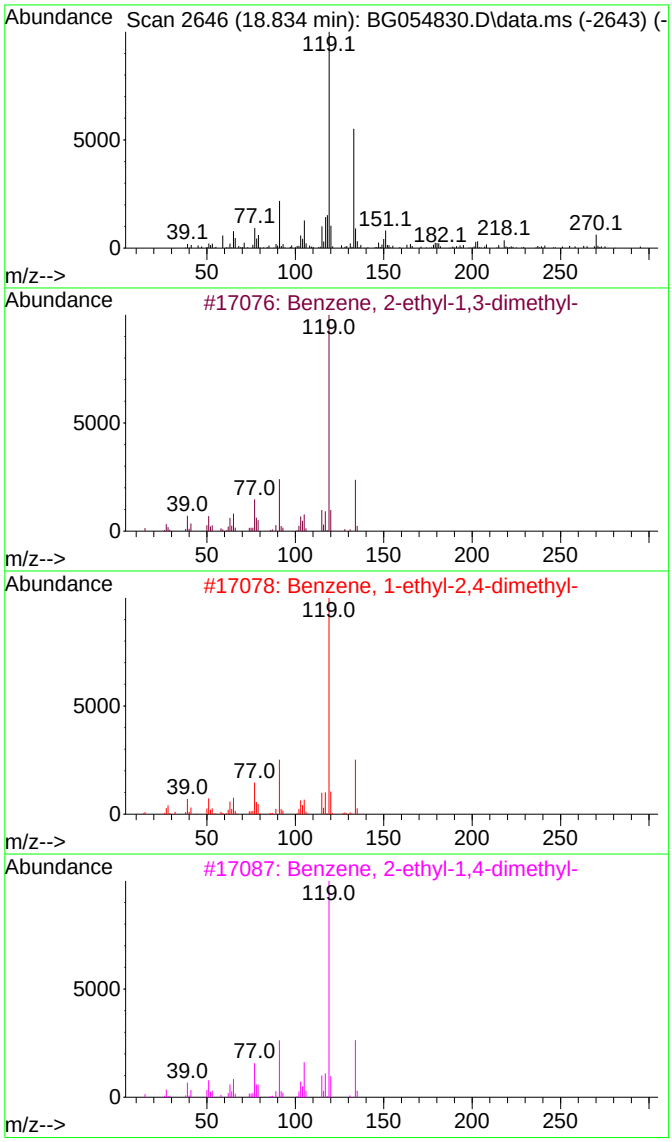
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

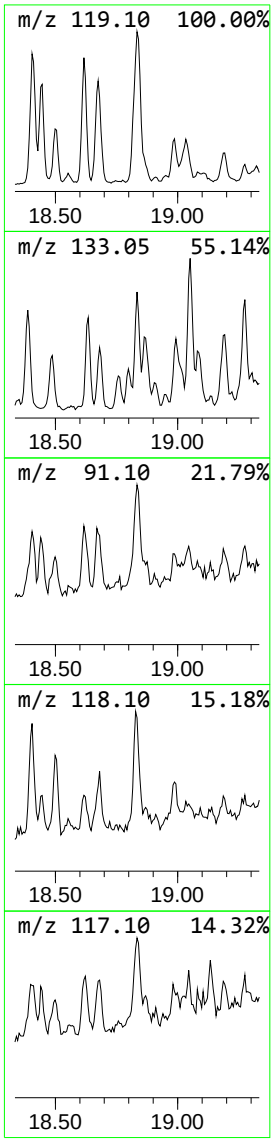
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.834	4.21 ng	132538	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

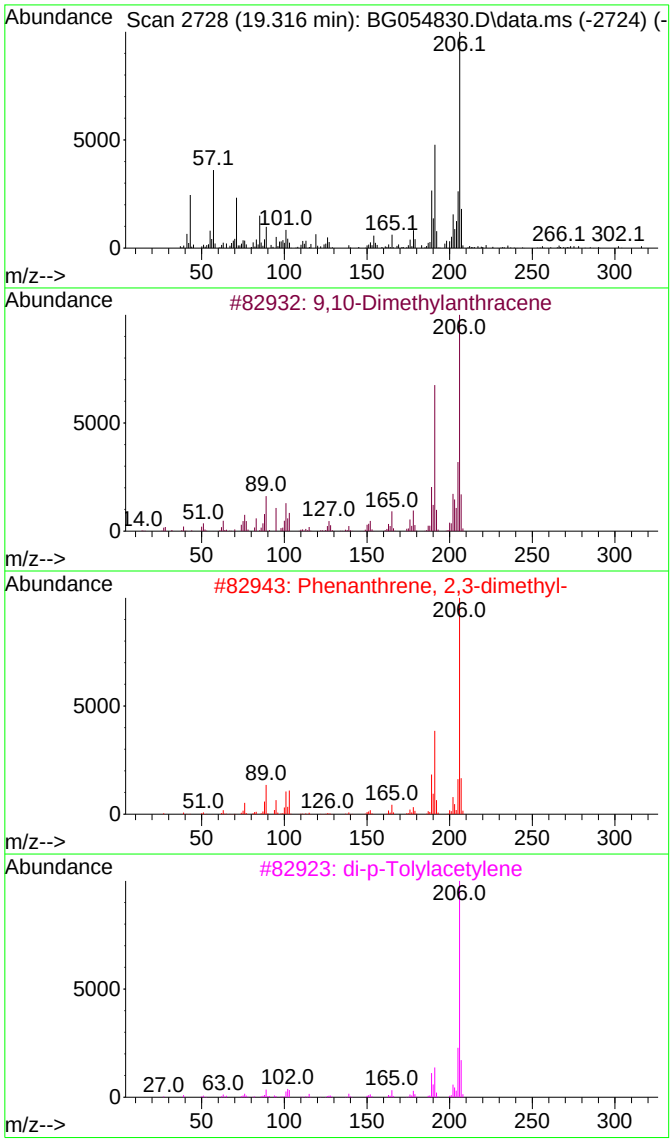
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

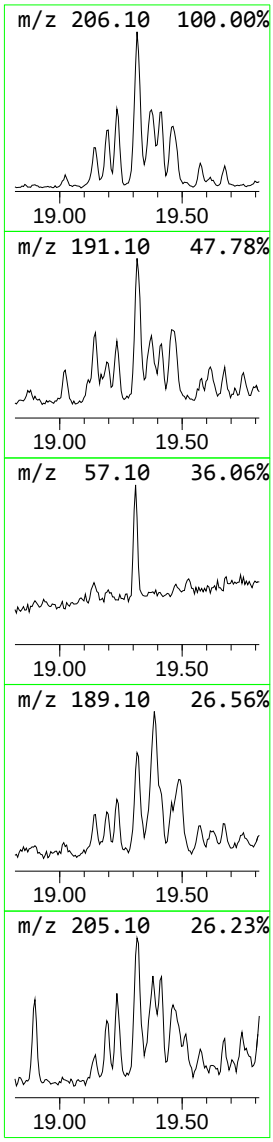
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	5.72 ng	180142	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

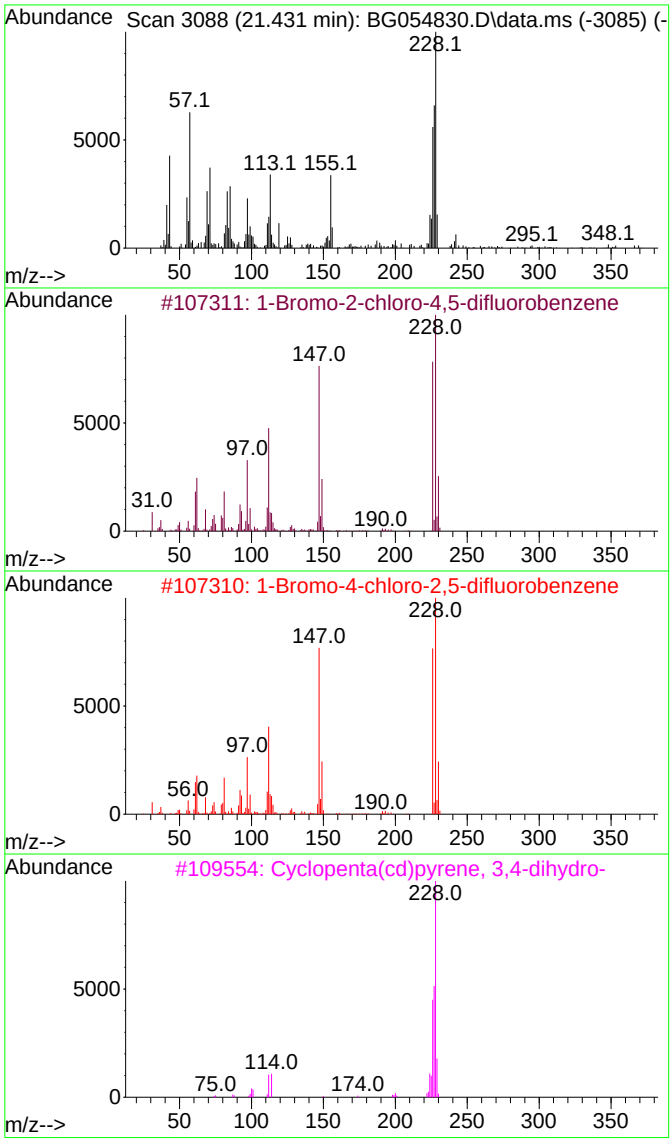
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

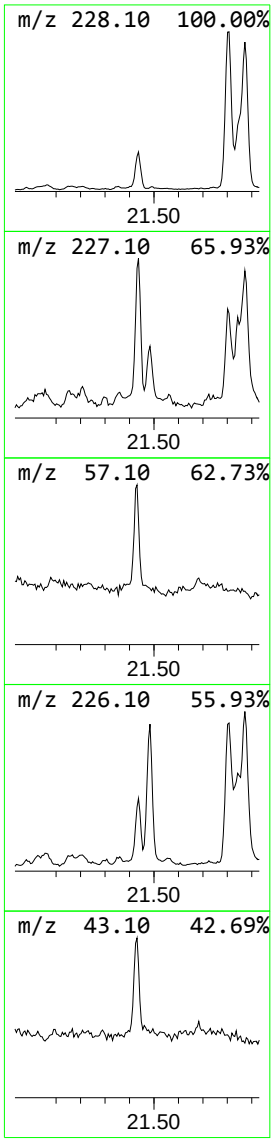
****

Peak Number 20 unknown21.431 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.431	4.25 ng	233692	Chrysene-d12	21.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-2-chloro-4,5-difluoroben...	226	C6H2BrClF2	1000512-66-6	46
2	1-Bromo-4-chloro-2,5-difluoroben...	226	C6H2BrClF2	172921-33-4	46
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	2-Bromo-5-chloro-1,3-difluoroben...	226	C6H2BrClF2	883546-16-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054830.D
Acq On : 1 Sep 2022 20:26
Operator : CG/JU
Sample : N4439-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-02-0-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
2-Pentanone, 4-...	5.215	6.3	ng	94054	1	8.146	296927	20.0
Bicyclo[4.2.0]o...	6.125	7.6	ng	113407	1	8.146	296927	20.0
Benzene, 1-ethy...	7.524	4.0	ng	59714	1	8.146	296927	20.0
Benzene, 1-ethe...	7.811	8.2	ng	121495	1	8.146	296927	20.0
Benzene, 1-ethe...	7.894	4.1	ng	61240	1	8.146	296927	20.0
Indane	8.522	4.4	ng	64858	1	8.146	296927	20.0
Benzene, 1-ethy...	9.257	4.5	ng	66368	1	8.146	296927	20.0
Benzenemethanet...	9.997	15.1	ng	315480	2	10.973	418295	20.0
3-Phenylbut-1-ene	10.361	8.6	ng	179776	2	10.973	418295	20.0
Benzene, 1-meth...	11.490	14.8	ng	310446	2	10.973	418295	20.0
o-Cymene	11.631	17.2	ng	360290	2	10.973	418295	20.0
Naphthalene, 1,...	14.104	4.2	ng	112107	3	14.780	529593	20.0
4-Methylbenzoic...	17.935	5.8	ng	183096	4	17.529	629965	20.0
Ethyl 3,5-dimet...	18.405	7.3	ng	229051	4	17.529	629965	20.0
Phenanthrene, 1...	18.446	5.4	ng	169965	4	17.529	629965	20.0
4H-Cyclopenta[d...	18.605	12.2	ng	383944	4	17.529	629965	20.0
unknown18.681	18.681	4.8	ng	152575	4	17.529	629965	20.0
Benzene, 2-ethy...	18.834	4.2	ng	132538	4	17.529	629965	20.0
9,10-Dimethylan...	19.316	5.7	ng	180142	4	17.529	629965	20.0
unknown21.431	21.431	4.3	ng	233692	5	21.825	1101020	20.0