LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : O2032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	364	369	374	rVV	3249183	4764880	4.53%	0.289%
2	5.528	374	381	386	rVV	6013693	8703759	8.27%	0.527%
3	5.593	386	392	405	rVB	14120154	29865456	28.37%	1.809%
4	5.963	448	455	465	rVB	16076875	25732786	24.44%	1.559%
5	6.445	530	537	544	rBV4	2452838	5263345	5.00%	0.319%
6	6.634	564	569	576	rVB2	3978160	9430661	8.96%	0.571%
7	6.857	600	607	613	rVB4	1475197	3863139	3.67%	0.234%
8	6.951	613	623	628	rBV3	4510200	9582331	9.10%	0.581%
9	7.057	636	641	645	rVV	12224977	18669411	17.73%	1.131%
10	7.116	645	651	658	rVV5	9651154	23821265	22.63%	1.443%
11	7.192	658	664	670	rVB	22600284	38175884	36.26%	2.313%
12	7.357	686	692	696	rBV	6027558	9700151	9.21%	0.588%
13	7.457	704	709	717	rVB3	4746072	8685560	8.25%	0.526%
14	7.598	727	733	734	rVV	19120273	25879868	24.58%	1.568%
15	7.634	734	739	745	rVV2	33234941	67516326	64.13%	4.090%
16	7.698	745	750	756	rVB	8871783	14018730	13.32%	0.849%
17	7.875	774	780	787	rBV5	2444434	6707998	6.37%	0.406%
18	7.951	787	793	799	rVB2	8596650	13925243	13.23%	0.844%
19	8.092	811	817	823	rVV2	17100183	29258487	27.79%	1.773%
20	8.157	823	828	832	rVV3	5845513	8856649	8.41%	0.537%
21	8.257	838	845	853	rVB8	4177277	11917353	11.32%	0.722%
22	8.351	853	861	866	rBV	9687692	16025573	15.22%	0.971%
23	8.528	883	891	901	rVB3	33252876	83957577	79.75%	5.086%
24	8.616	901	906	913	rBV2	11570077	22955984	21.80%	1.391%
25	8.739	923	927	931	rBV2	4440272	6788203	6.45%	0.411%
26	8.928	955	959	964	rBV	4028866	6977294	6.63%	0.423%
27	8.981	964	968	974	rVB	4555061	7647857	7.26%	0.463%
28	9.081	974	985	991	rBV3	12248800	28466433	27.04%	1.725%
29	9.145	991	996	998	rVV	3591372	6710915	6.37%	0.407%
30	9.216	1002	1008	1017	rVB	21515288	40882572	38.83%	2.477%
31	9.333	1023	1028	1036	rVB5	7373040	15939746	15.14%	0.966%
32	9.463	1037	1050	1056	rBV4	8356483	24388644	23.17%	1.478%
33	9.616	1070	1076	1080	rBV2	7101202	12305054	11.69%	0.745%
34	9.669	1080	1085	1089	rVV2	6030431	9601556	9.12%	0.582%
35	9.863	1115	1118	1122	rVV2	2691248	4572792	4.34%	0.277%
36	9.910	1122	1126	1131	rVV2	3749585	6520211	6.19%	0.395%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.963	1131	1135	1143	rVV4	3440908	8854982	8.41%	0.536%
38	10.033	1143	1147	1156	rVB3	4176442	9689460	9.20%	0.587%
39	10.128	1159	1163	1168	rVV3	2979062	4550060	4.32%	0.276%
40	10.198	1168	1175	1186	rVV4	7835611	25038542	23.78%	1.517%
41	10.286	1186	1190	1192	rVV2	2380450	3920233	3.72%	0.237%
42	10.316	1193	1195	1200	rVV2	2998899	4541709	4.31%	0.275%
43	10.639	1246	1250	1256	rBV5	1601563	4151391	3.94%	0.251%
44	10.763	1265	1271	1278	rBV	14538202	26038307	24.73%	1.577%
45	10.869	1278	1289	1295	rVV4	33379519	105280231	100.00%	6.378%
46	10.945	1297	1302	1309	rVV2	5860308	11654298	11.07%	0.706%
47	11.698	1425	1430	1437	rVB3	2132860	4218635	4.01%	0.256%
48	11.804	1443	1448	1452	rBV	3611144	5539730	5.26%	0.336%
49	12.198	1506	1515	1523	rBV2	6672781	11257630	10.69%	0.682%
50	12.445	1550	1557	1564	rVB	8186789	14337706	13.62%	0.869%
51	12.663	1588	1594	1602	rVB	4258425	7041618	6.69%	0.427%
52	13.239	1686	1692	1697	rVB	6708116	10165962	9.66%	0.616%
53	13.433	1720	1725	1730	rVV2	3874454	5571081	5.29%	0.338%
54	14.504	1902	1907	1912	rVB	3207105	4322456	4.11%	0.262%
55	15.451	2062	2068	2073	rVV2	3095494	4737346	4.50%	0.287%
56	15.657	2098	2103	2113	rVB2	1907953	3935148	3.74%	0.238%
57	15.951	2148	2153	2164	rBV4	1455003	3923555	3.73%	0.238%
58	16.098	2170	2178	2184	rVB	4911929	8297943	7.88%	0.503%
59	16.309	2209	2214	2217	rBV2	4429764	7232242	6.87%	0.438%
60	16.762	2286	2291	2297	rBV	3029950	4214175	4.00%	0.255%
61	17.162	2355	2359	2369	rVB3	1680595	3919445	3.72%	0.237%
62	17.398	2395	2399	2405	rVB	7831946	11151946	10.59%	0.676%
63	17.762	2454	2461	2464	rBV2	1941987	3915597	3.72%	0.237%
64	18.303	2538	2553	2560	rVV2	27173359	79150371	75.18%	4.795%
65	18.545	2590	2594	2598	rBV	4113759	4940489	4.69%	0.299%
66	18.992	2662	2670	2674	rVV	34118900	68461916	65.03%	4.148%
67	19.174	2695	2701	2710	rBV2	8031507	12792989	12.15%	0.775%
68	19.297	2718	2722	2726	rBV	4543761	6692107	6.36%	0.405%
69	19.427	2735	2744	2746	rBV	28786896	55863633	53.06%	3.384%
70	19.574	2761	2769	2779	rVB2	25772185	59878307	56.88%	3.628%
71	19.750	2795	2799	2802	rBV2	10862410	14307399	13.59%	0.867%
72	19.786	2802	2805	2812	rVB	15586618	22114661	21.01%	1.340%
73	19.856	2813	2817	2821	rVB3	2890026	4656302	4.42%	0.282%
74	19.980	2835	2838	2841	rVB	6679431	7626020	7.24%	0.462%
75	20.103	2854	2859	2867	rBV4	3815743	12129238	11.52%	0.735%
76	20.192	2871	2874	2878	rVB	6737323	8257719	7.84%	0.500%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.256	2878	2885	2887	rBV3	5304925	11714872	11.13%	0.710%
78	20.286	2887	2890	2895	rVB	9106245	10653710	10.12%	0.645%
79	20.333	2895	2898	2902	rBV2	3596203	4908164	4.66%	0.297%
80	20.415	2908	2912	2919	rBV4	9613626	17988858	17.09%	1.090%
81	20.721	2961	2964	2969	rVB	5201627	7298633	6.93%	0.442%
82	20.780	2970	2974	2976	rBV	9382516	11583725	11.00%	0.702%
83	20.809	2977	2979	2985	rVB4	6650889	8734737	8.30%	0.529%
84	20.962	3002	3005	3011	rVB	4577459	6515265	6.19%	0.395%
85	21.027	3012	3016	3020	rBV	5498010	7580491	7.20%	0.459%
86	21.092	3023	3027	3030	rVV	5670193	10637943	10.10%	0.644%
87	21.133	3031	3034	3038	rVB2	8663912	11774832	11.18%	0.713%
88	21.244	3046	3053	3055	rBV2	15293732	29301415	27.83%	1.775%
89	21.327	3064	3067	3073	rVB	5040826	6989339	6.64%	0.423%
90	21.509	3094	3098	3099	rBV	8158814	9219705	8.76%	0.559%
91	21.539	3100	3103	3106	rVV2	13092189	21781702	20.69%	1.320%
92	21.591	3110	3112	3122	rVB	12568670	16185669	15.37%	0.981%
93	21.686	3124	3128	3131	rBV	8326039	10080820	9.58%	0.611%
94	21.880	3157	3161	3166	rBV3	2850469	4493914	4.27%	0.272%
95	22.150	3201	3207	3211	rBV2	6321762	11618987	11.04%	0.704%
96	22.656	3289	3293	3308	rVB3	7812044	15492734	14.72%	0.939%
97	23.221	3385	3389	3391	rBV	5633361	8699962	8.26%	0.527%
98	23.268	3392	3397	3402	rVV	11019440	26061960	24.75%	1.579%
99	23.791	3480	3486	3492	rVB	9456111	19871092	18.87%	1.204%
100	23.897	3500	3504	3511	rVB	9929320	19028556	18.07%	1.153%

Sum of corrected areas: 1650669357

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
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Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
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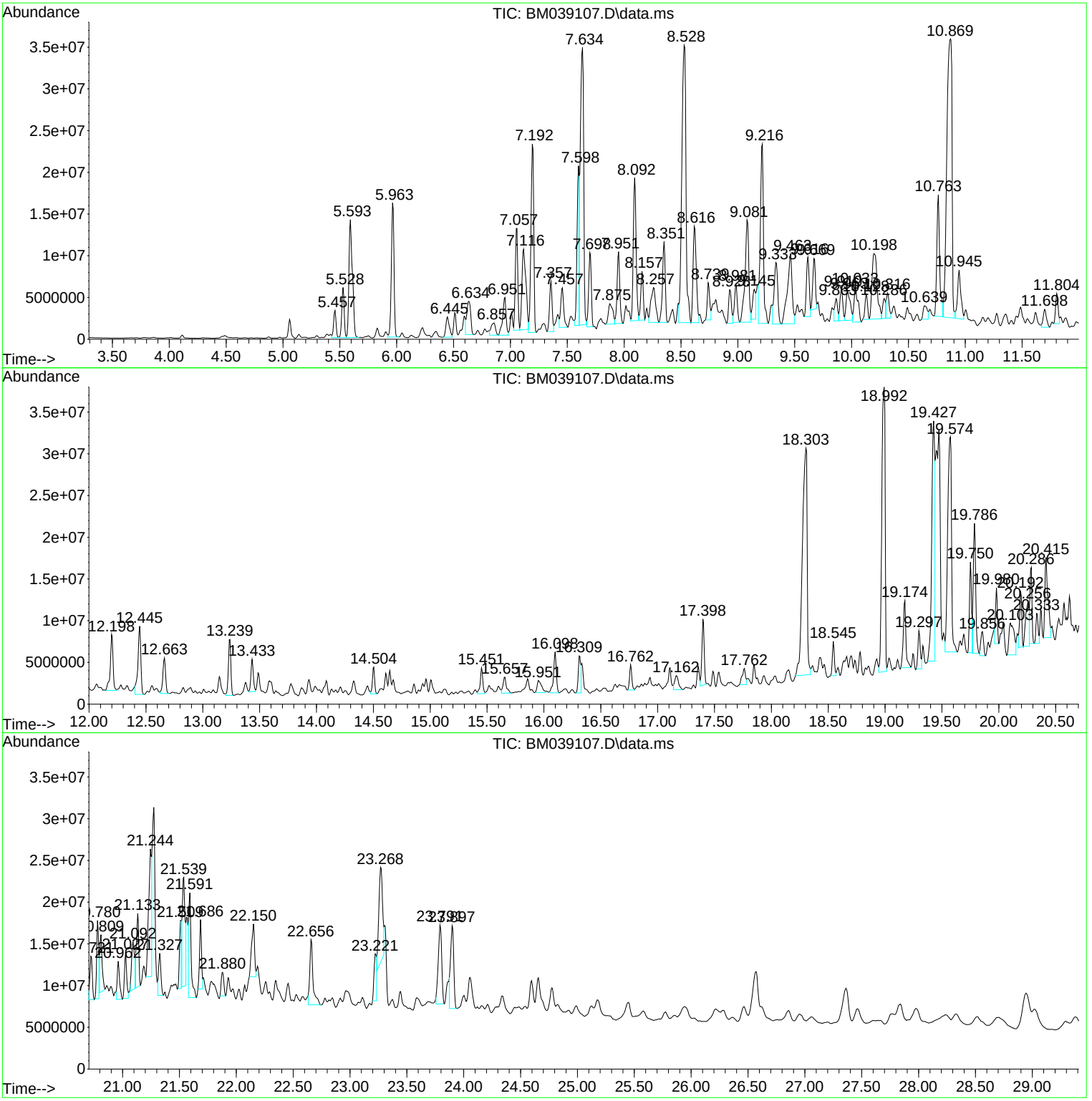
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

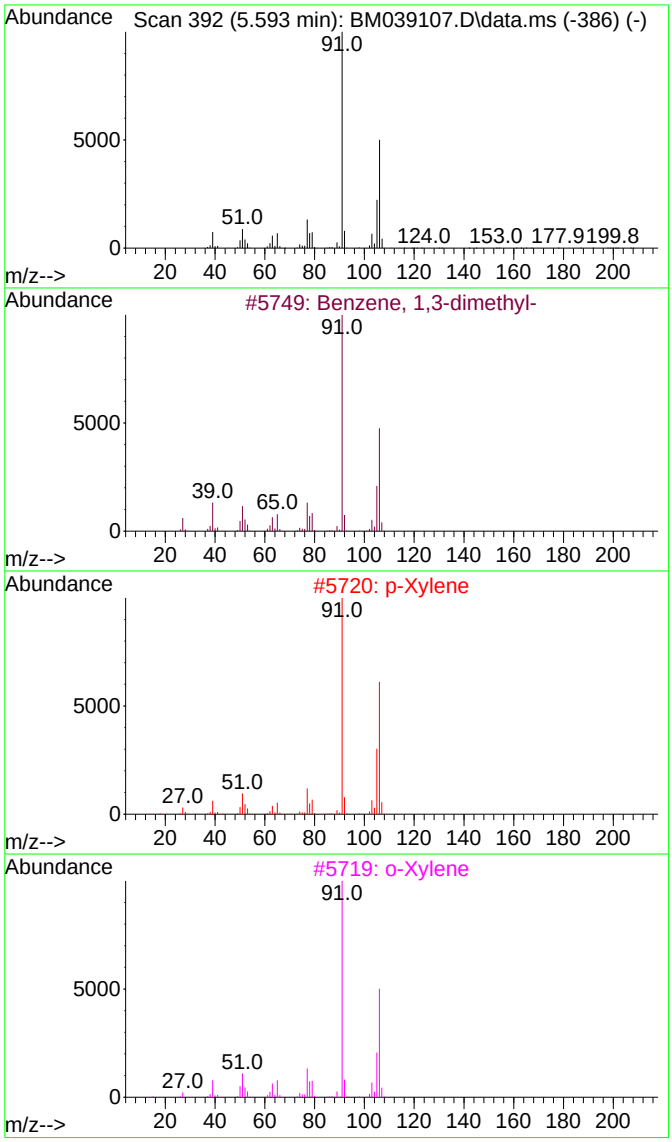
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

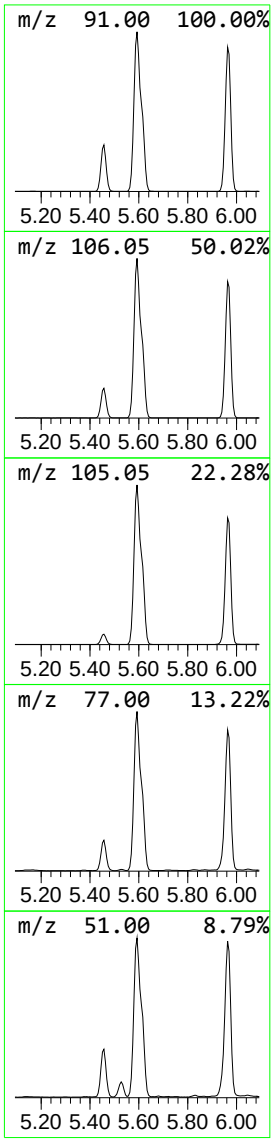
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.593	42.89 ng	29865500	1,4-Dichlorobenzene-d4	7.975

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	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

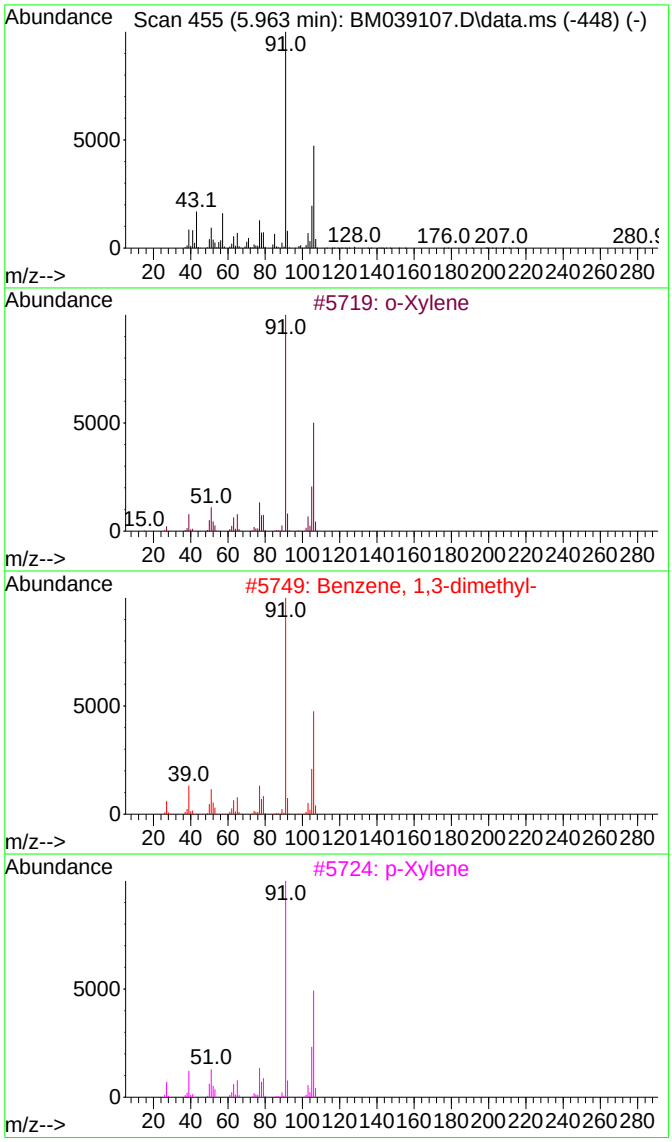
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

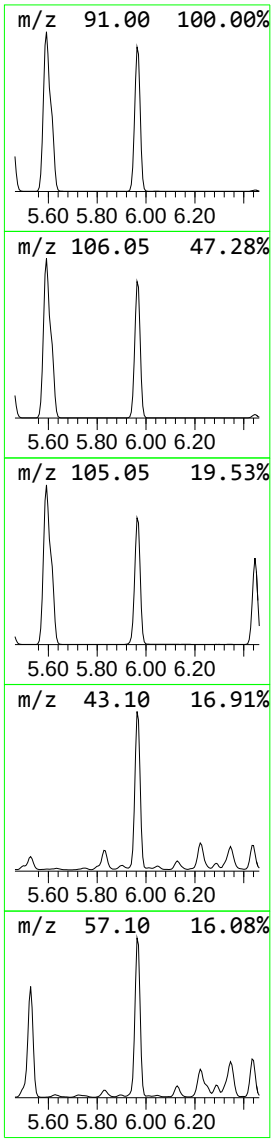
****

Peak Number 2 o-Xylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	36.96 ng	25732800	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	76
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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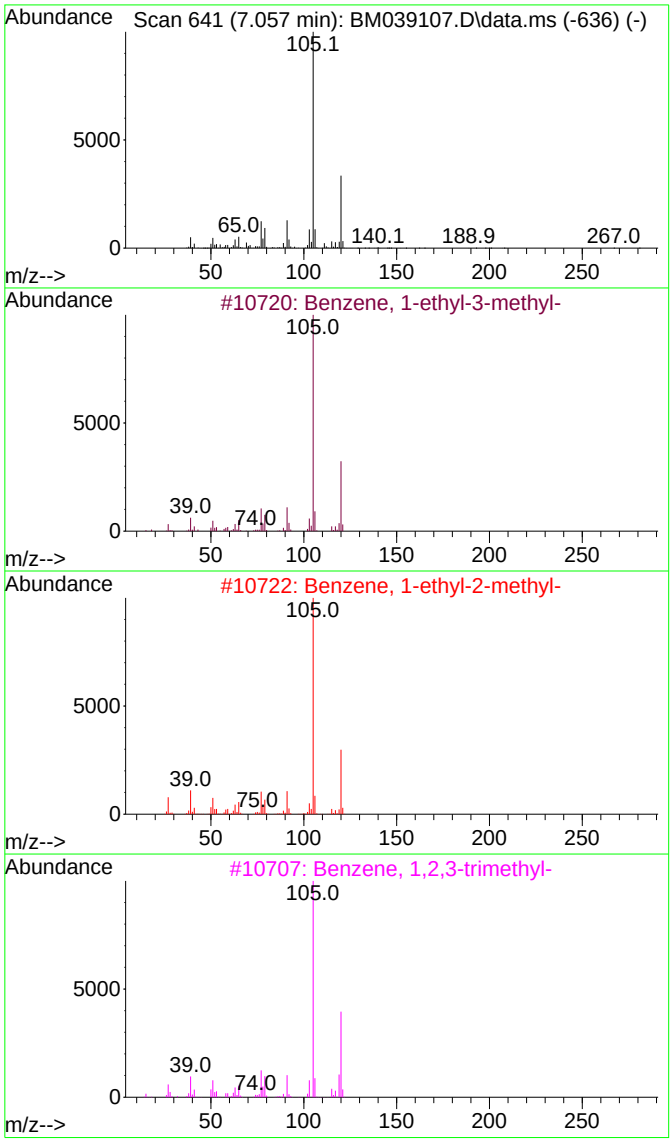
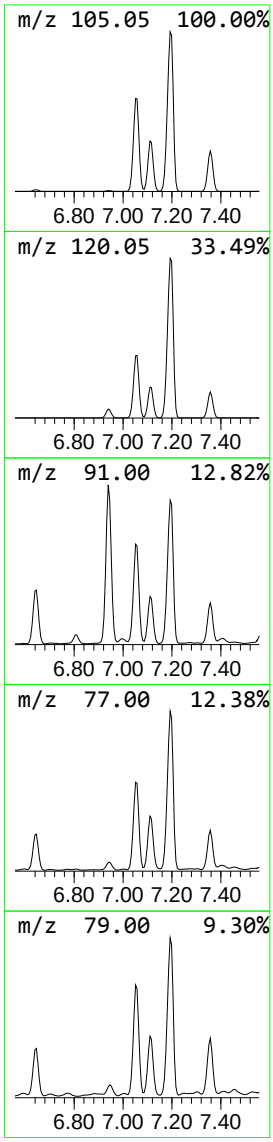
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	26.81 ng	18669400	1,4-Dichlorobenzene-d4	7.975

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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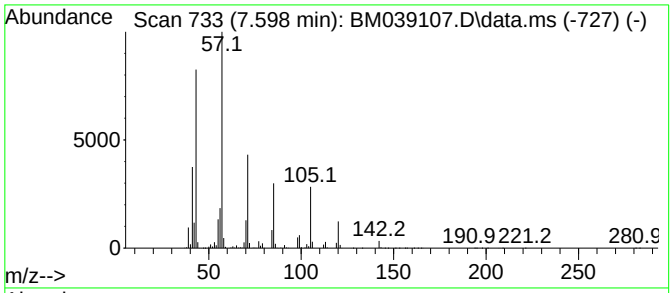
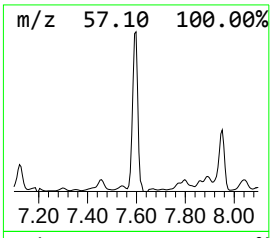
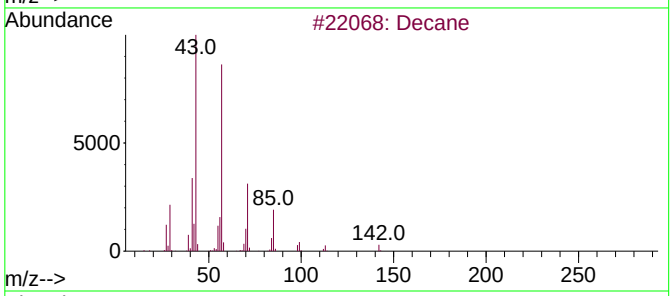
Peak Number 4 Decane Concentration Rank 9

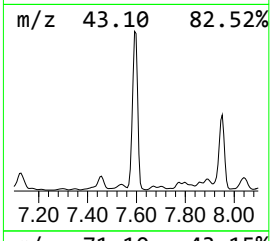
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	37.17 ng	25879900	1,4-Dichlorobenzene-d4	7.975

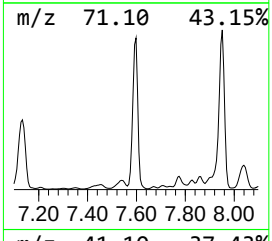
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Tetradecane	198	C14H30	000629-59-4	64
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Hexadecane	226	C16H34	000544-76-3	59

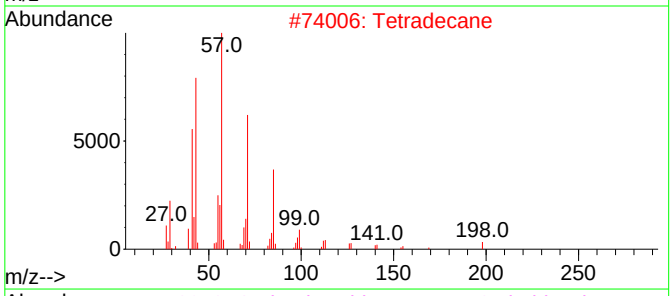


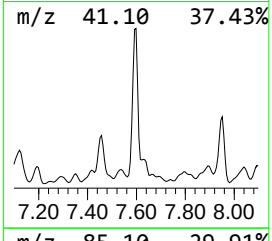


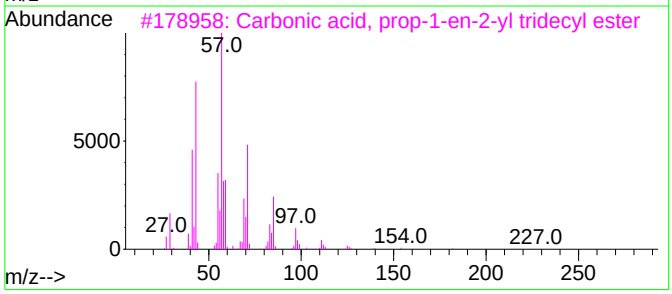


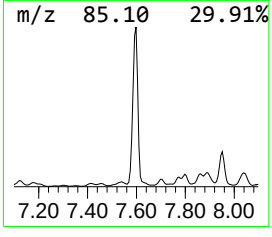












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Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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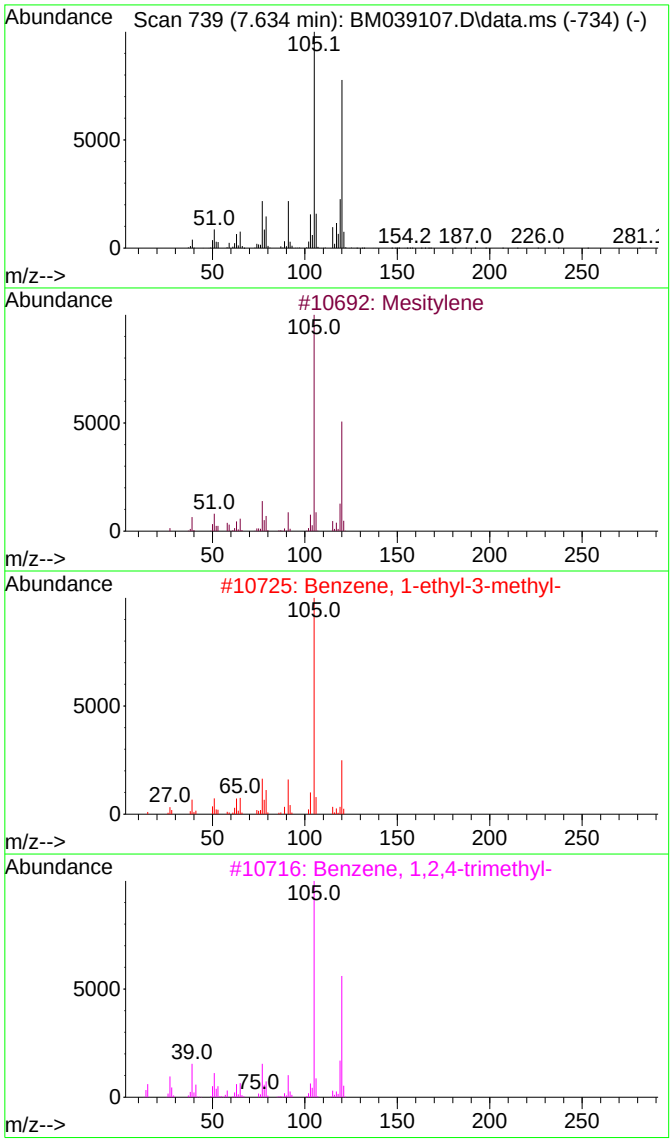
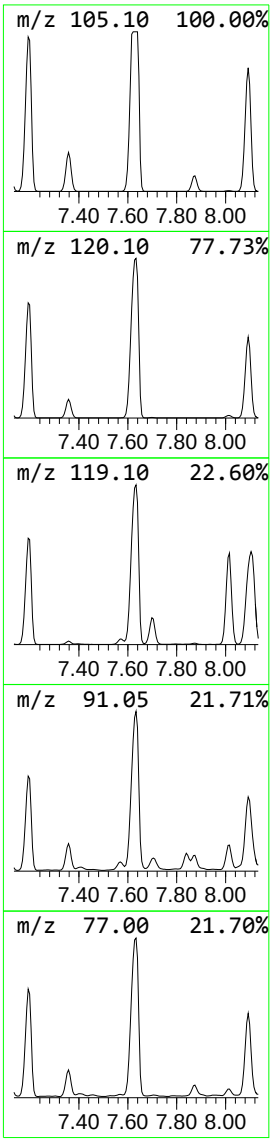
Peak Number 5 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	96.97 ng	67516300	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
4	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	80
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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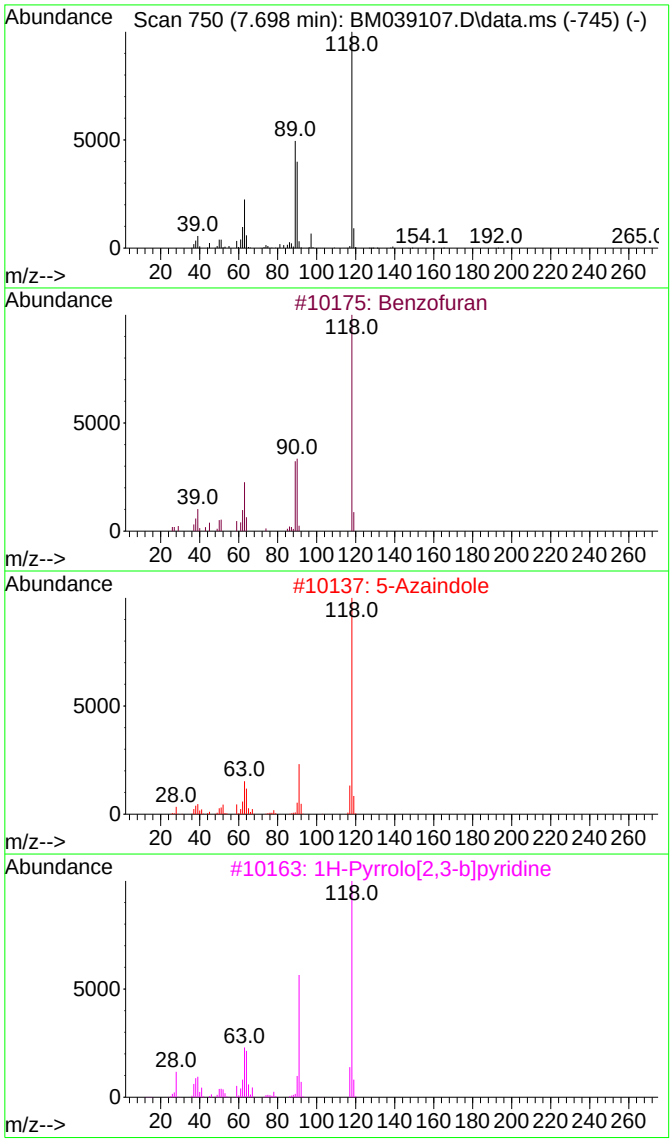
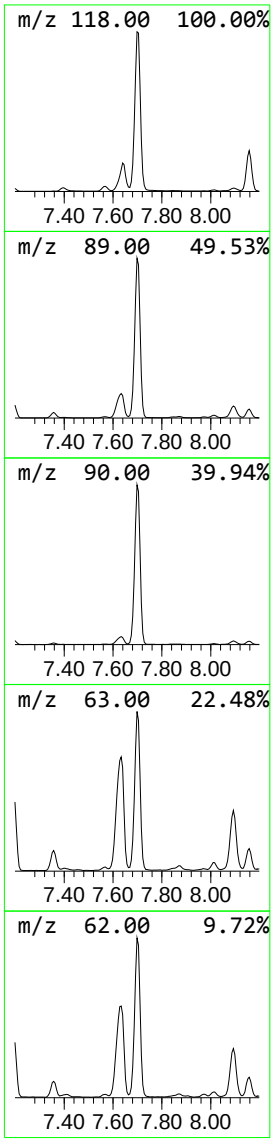
Peak Number 6 Benzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	20.13 ng	14018700	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	97
2	5-Azaindole	118	C7H6N2	000271-34-1	50
3	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	40
4	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40
5	Benzonitrile, 2-amino-	118	C7H6N2	001885-29-6	30





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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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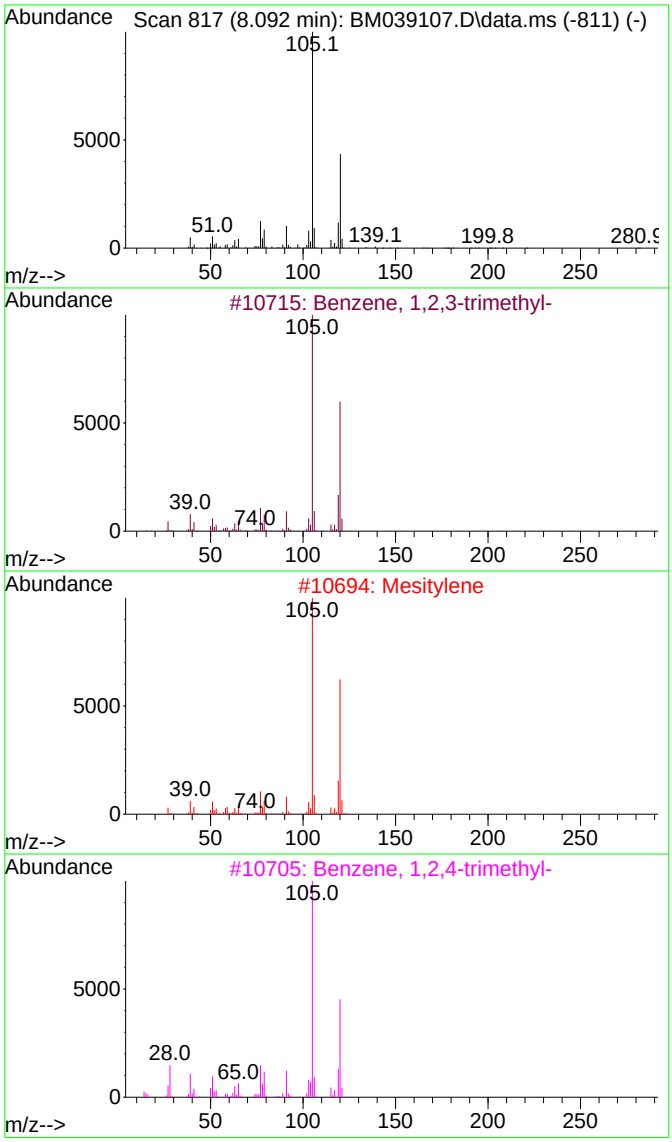
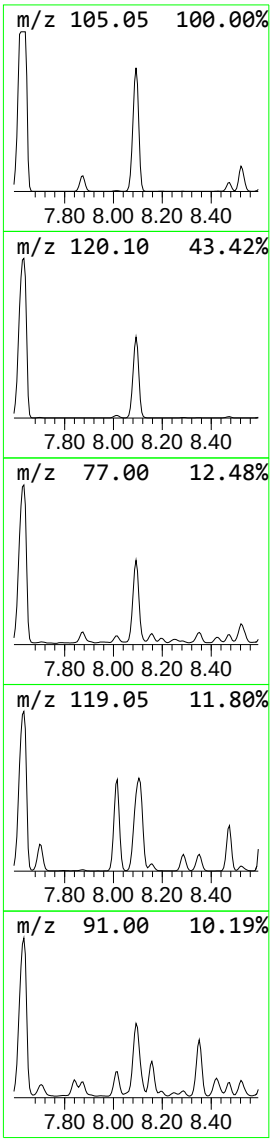
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	42.02 ng	29258500	1,4-Dichlorobenzene-d4	7.975

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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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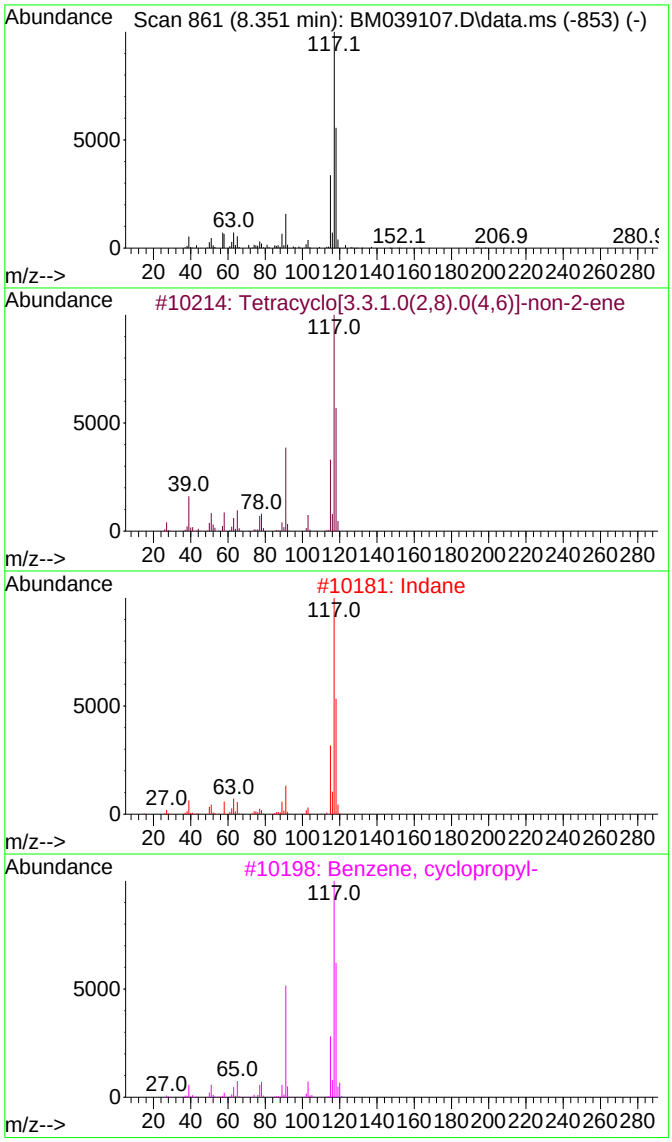
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

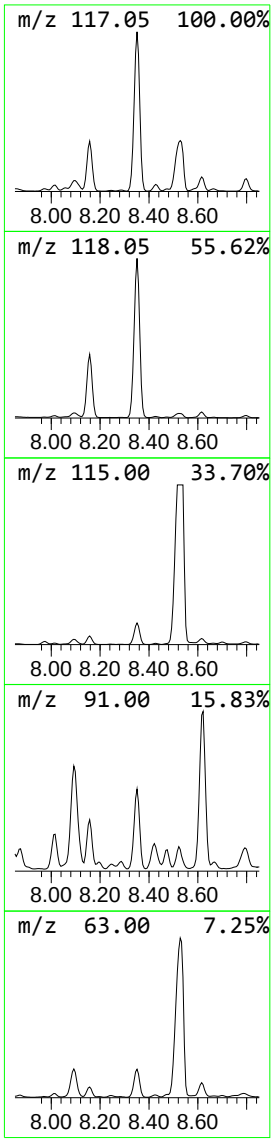
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	23.02 ng	16025600	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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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

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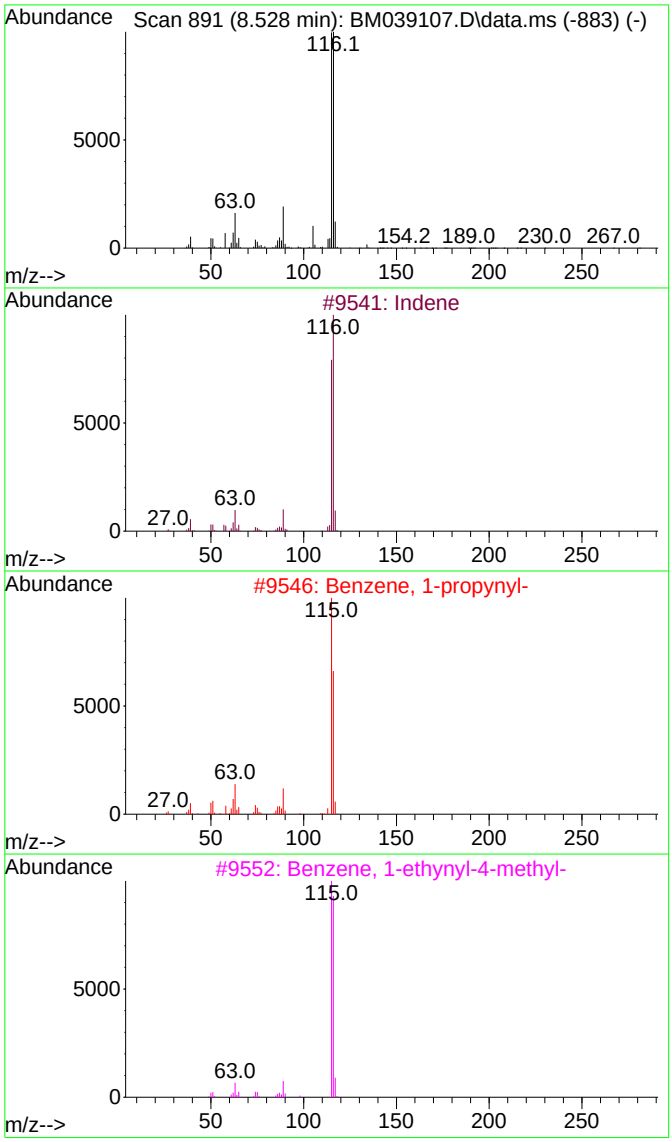
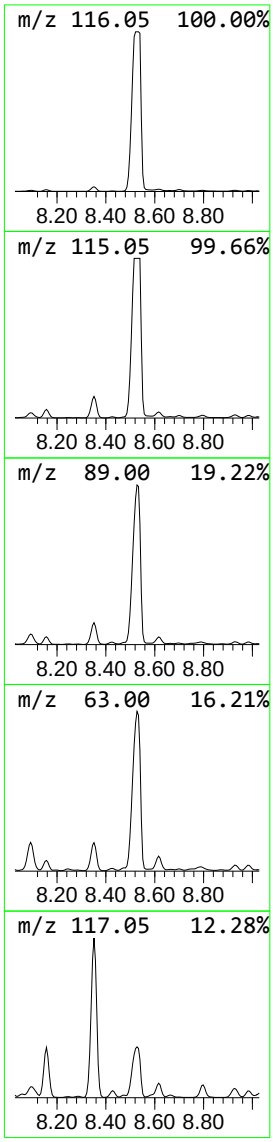
Peak Number 9 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	120.58 ng	83957600	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	72
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	53
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	49





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Instrument :
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ClientSampleId :
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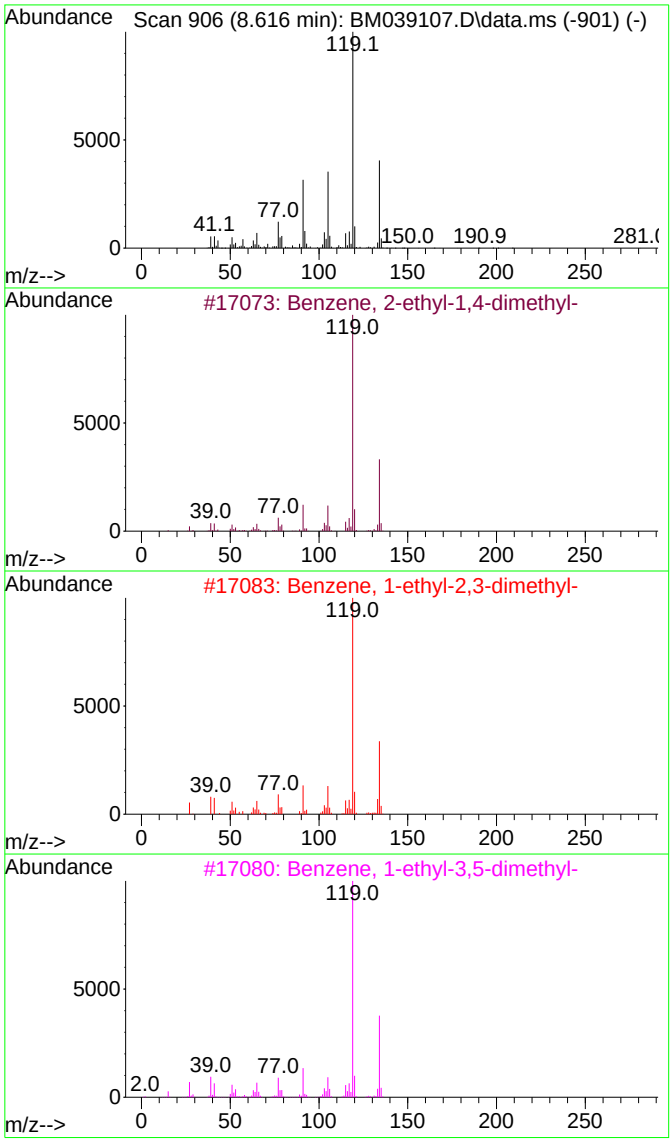
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

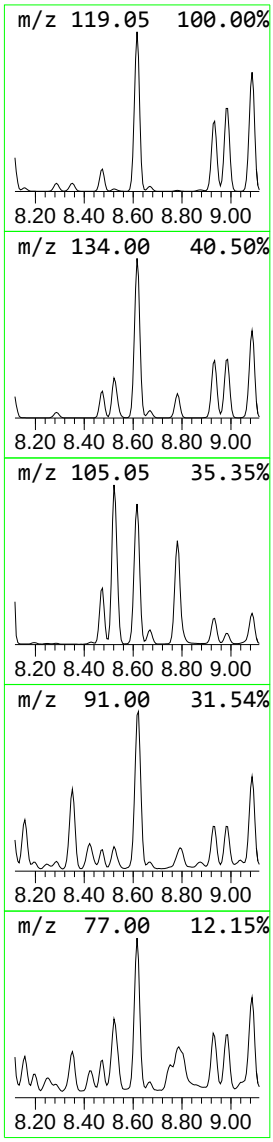
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	32.97 ng	22956000	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

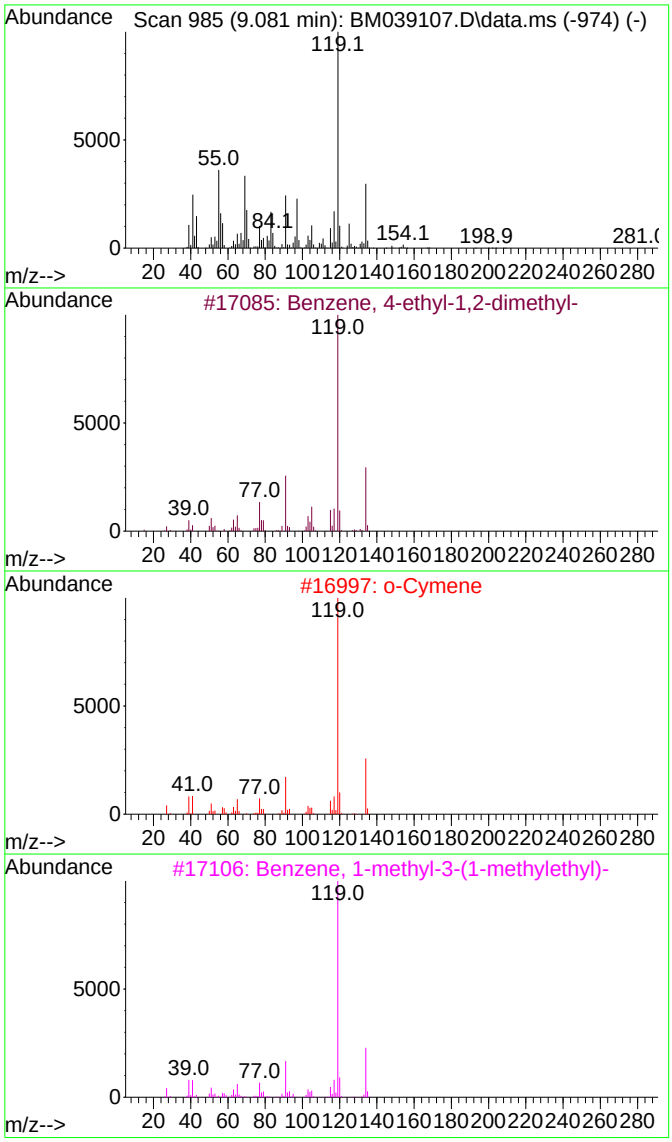
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

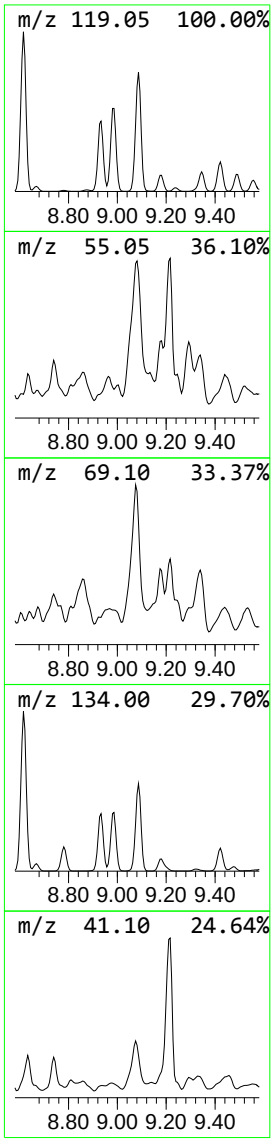
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	40.88 ng	28466400	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	p-Cymene	134	C10H14	000099-87-6	92
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
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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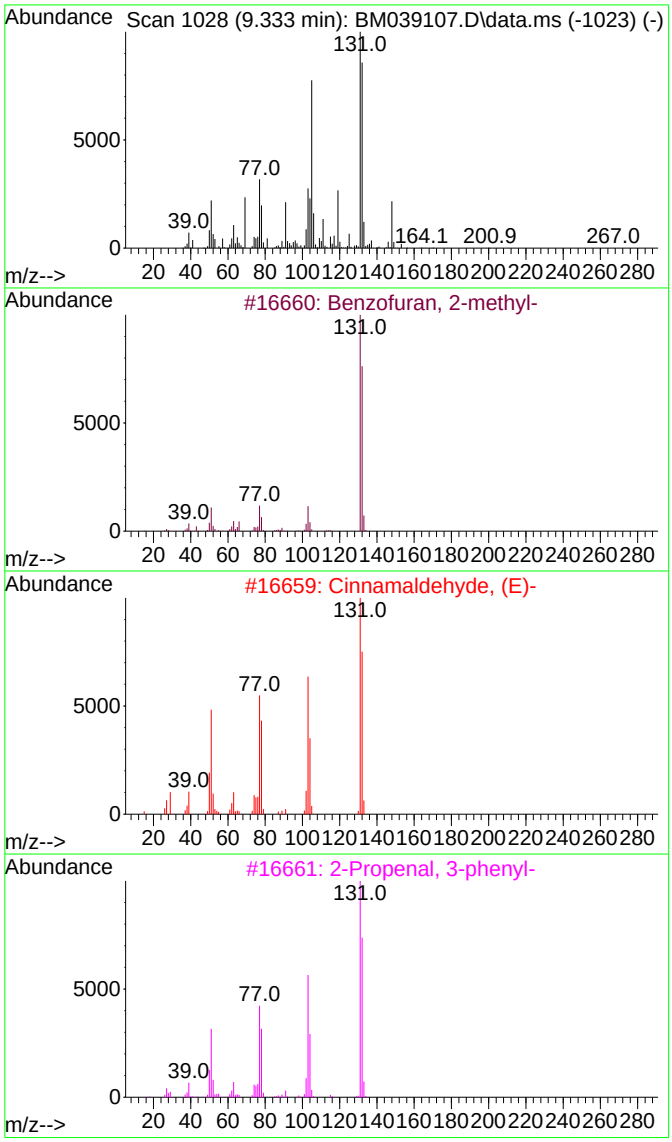
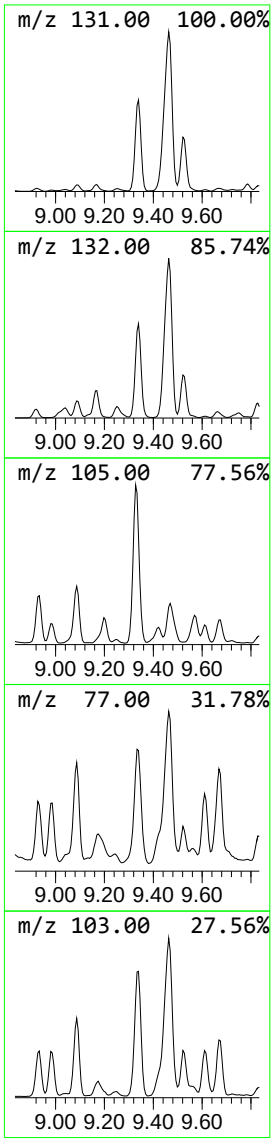
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	22.89 ng	15939700	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	70
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	64
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	64
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	62





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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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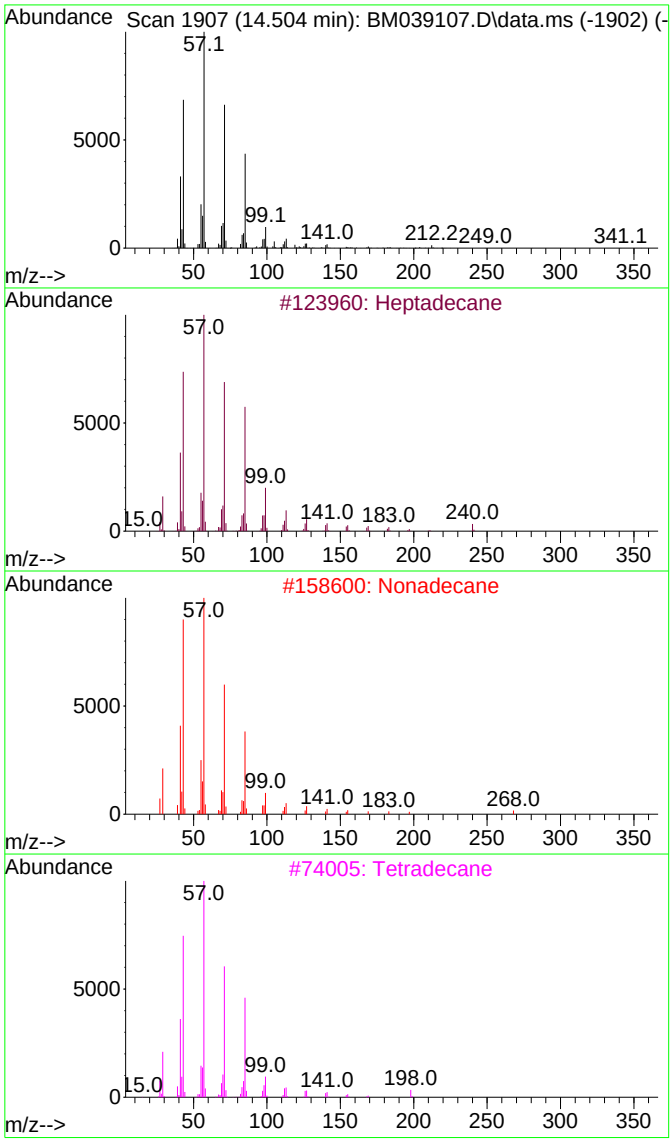
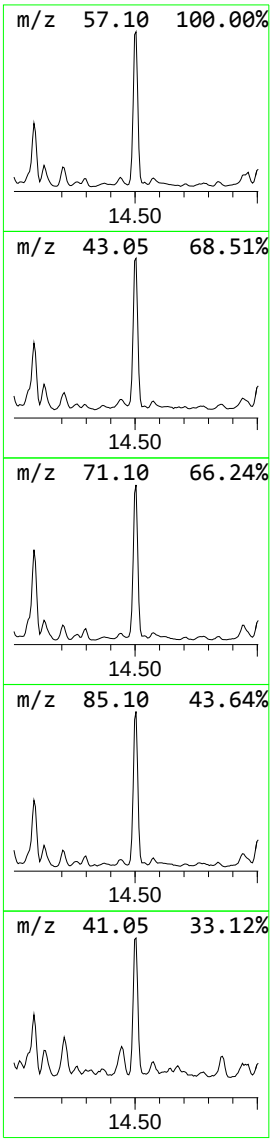
Peak Number 13 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	20.00 ng	4322460	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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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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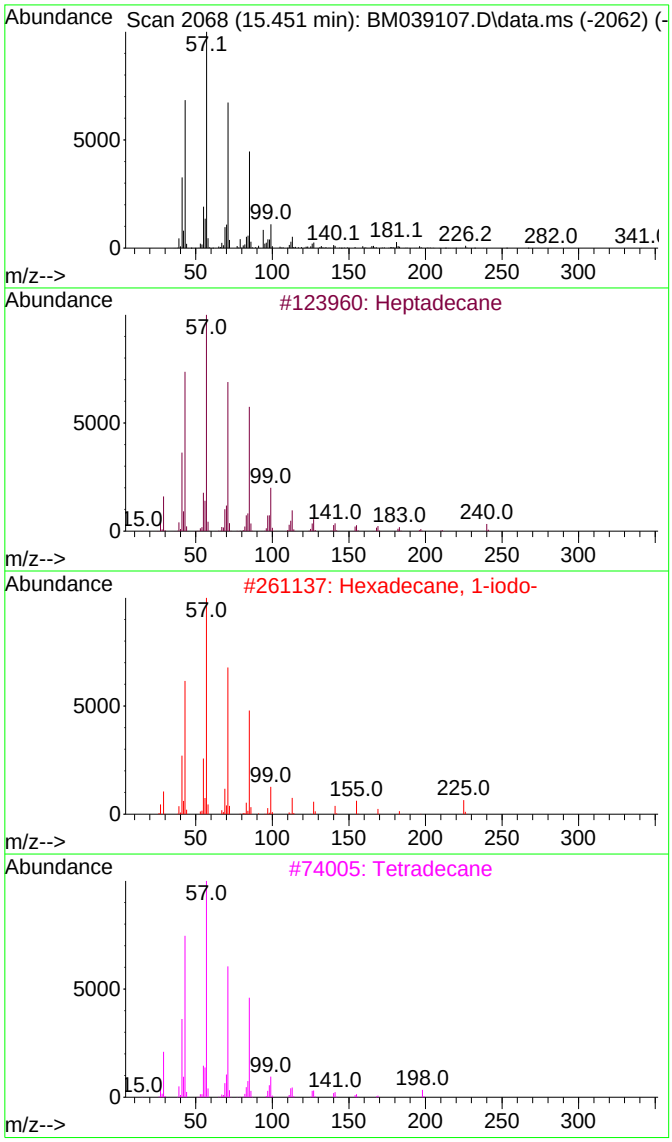
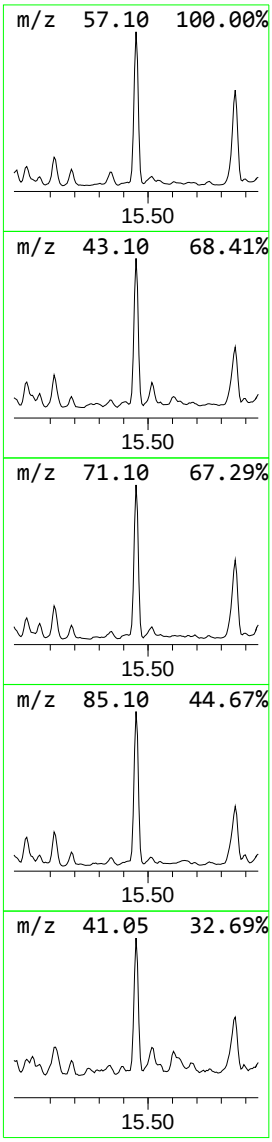
Peak Number 14 Hexadecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	21.92 ng	4737350	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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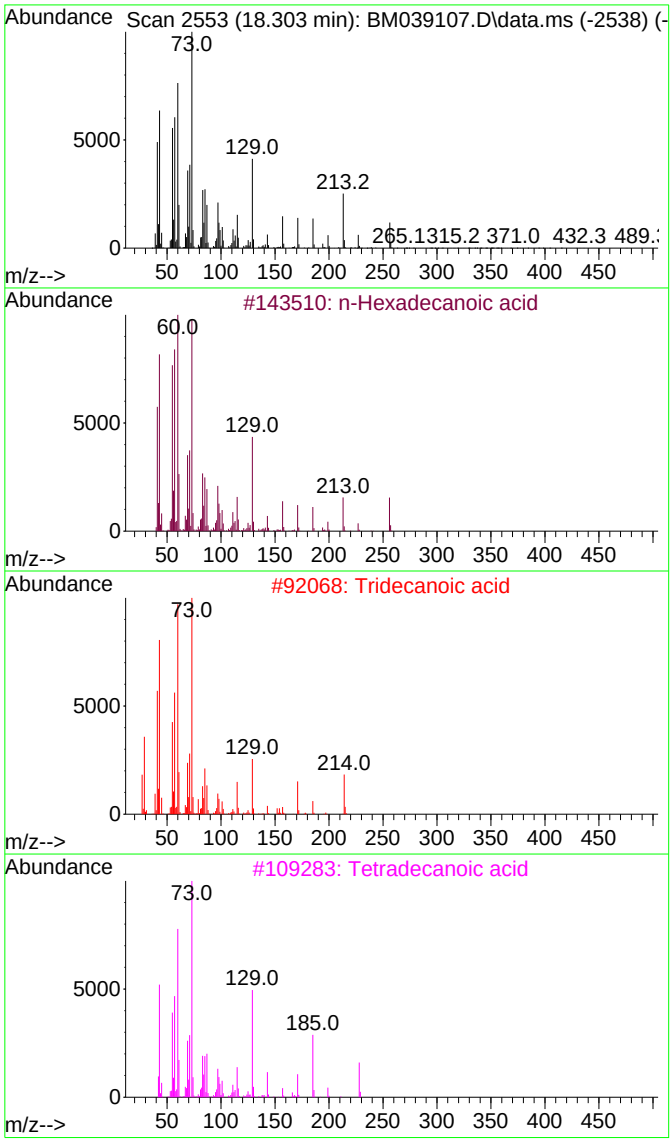
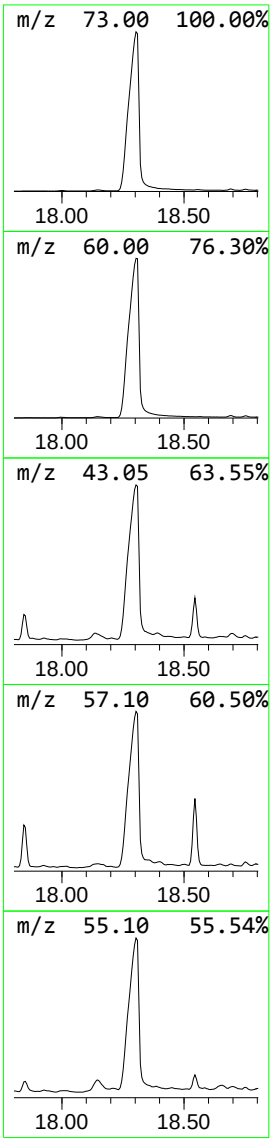
Peak Number 15 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	141.95 ng	79150400	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

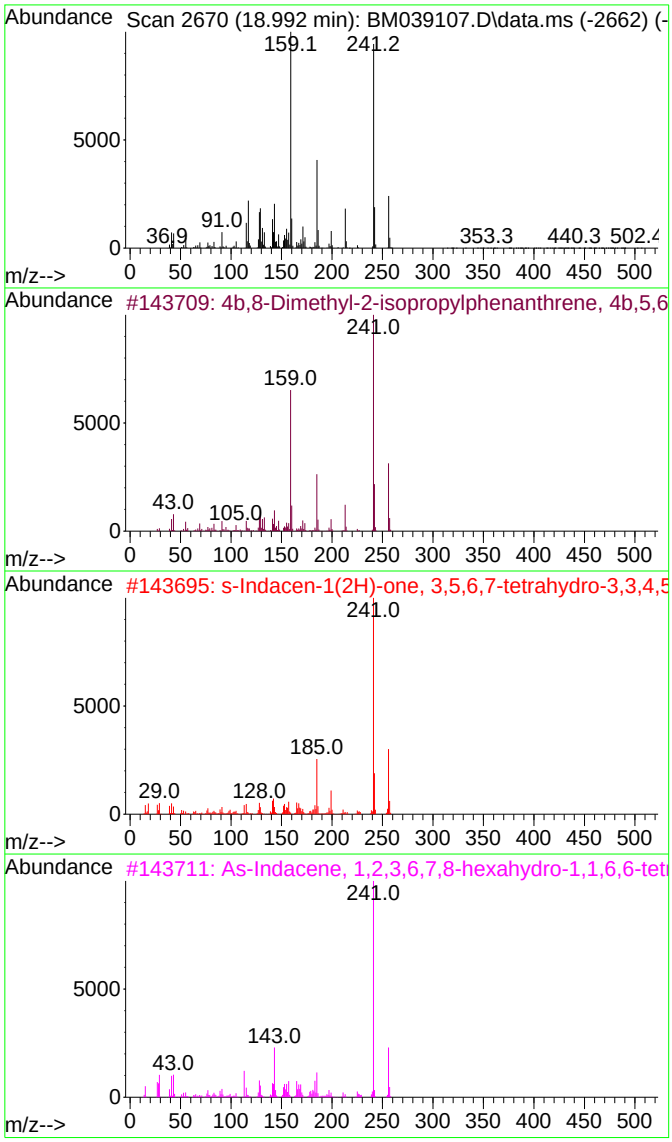
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

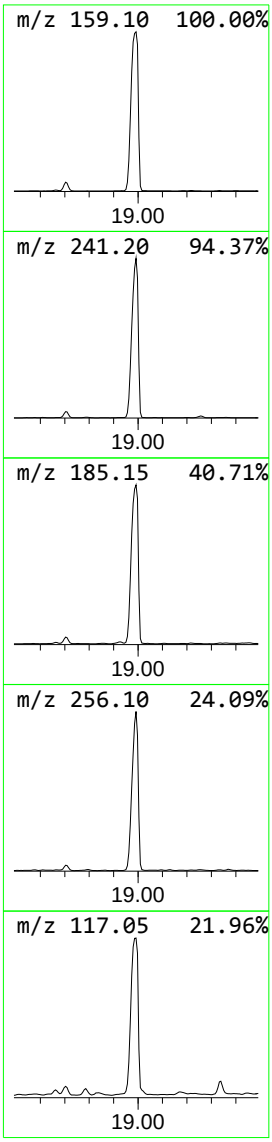
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4b,8-Dimethyl-2-isopropylph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	122.78 ng	68461900	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	45
3	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	35
5	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	25





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Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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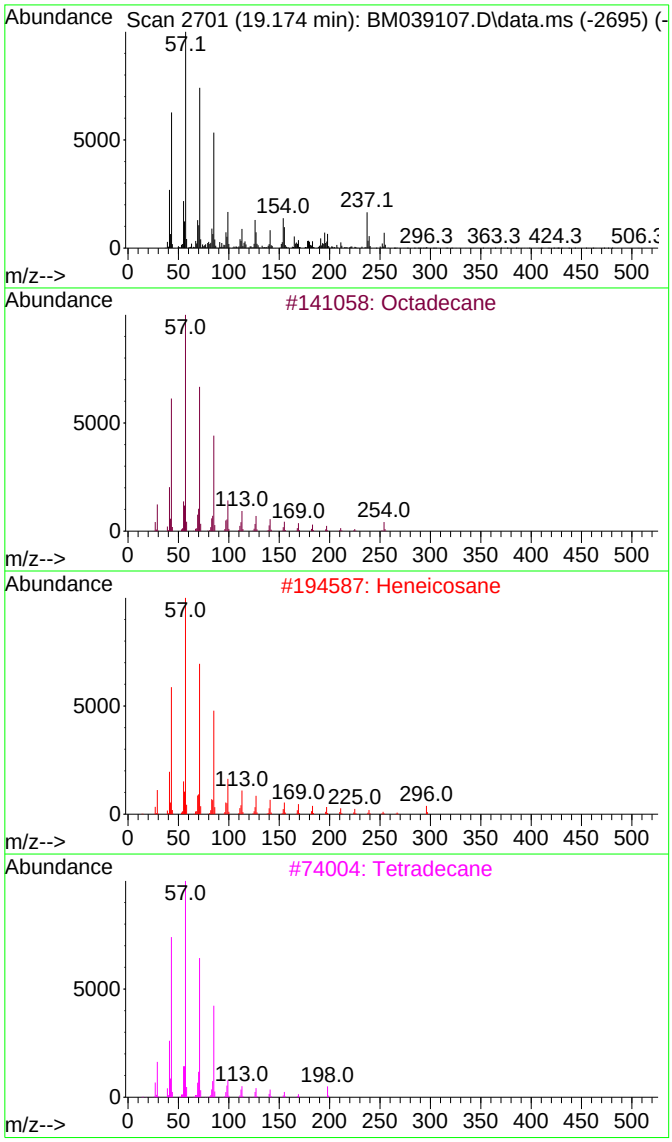
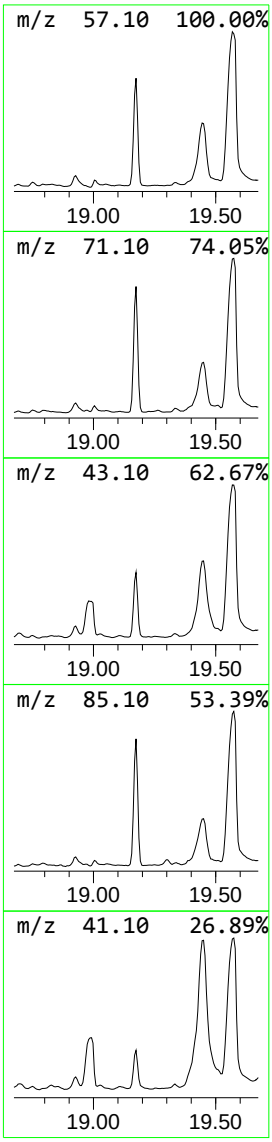
Peak Number 17 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	22.94 ng	12793000	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heneicosane	296	C21H44	000629-94-7	95
3	Tetradecane	198	C14H30	000629-59-4	94
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	93
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93





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Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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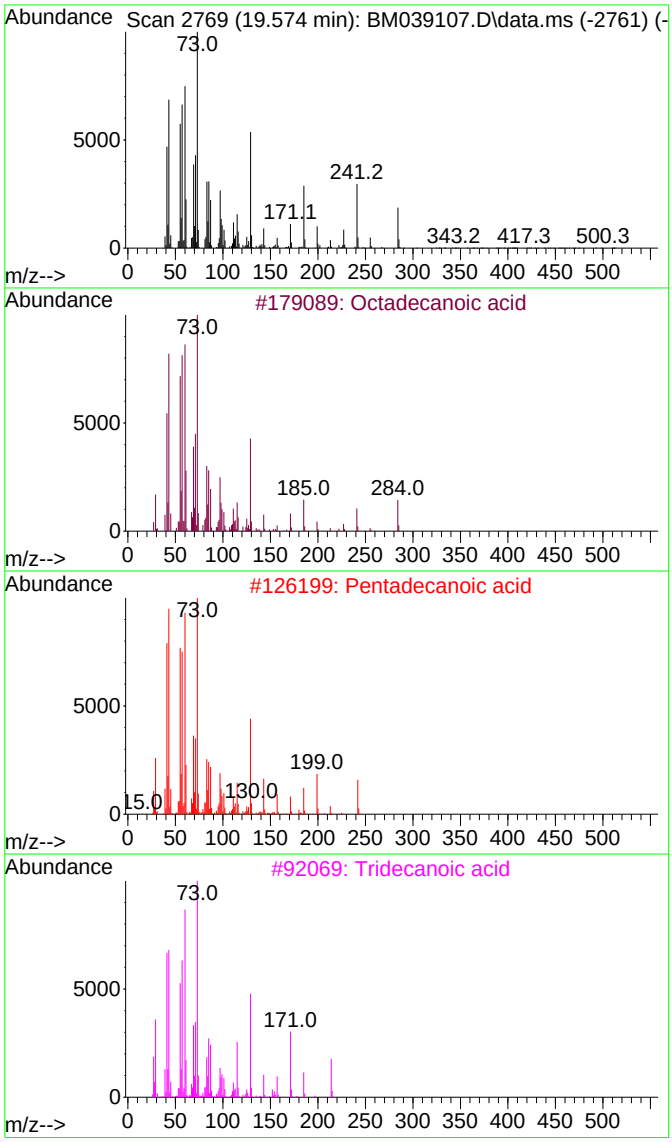
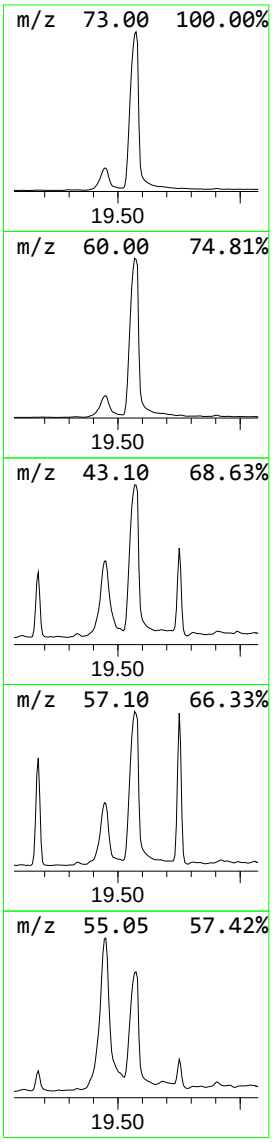
Peak Number 18 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.574	54.98 ng	59878300	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Data File : BM039107.D
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Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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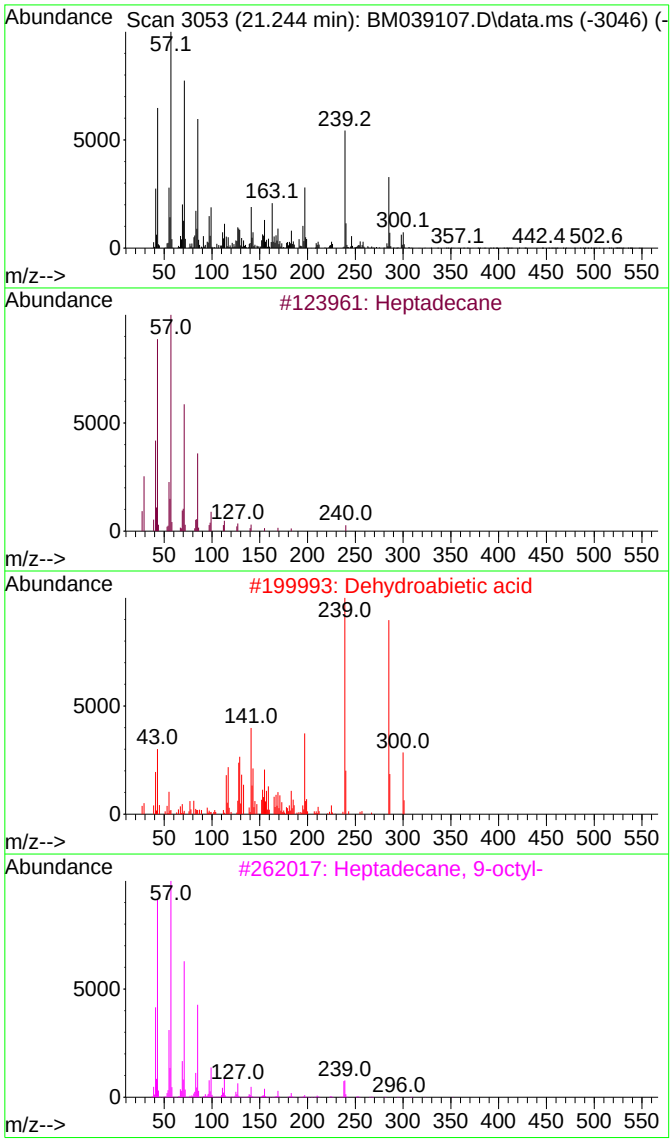
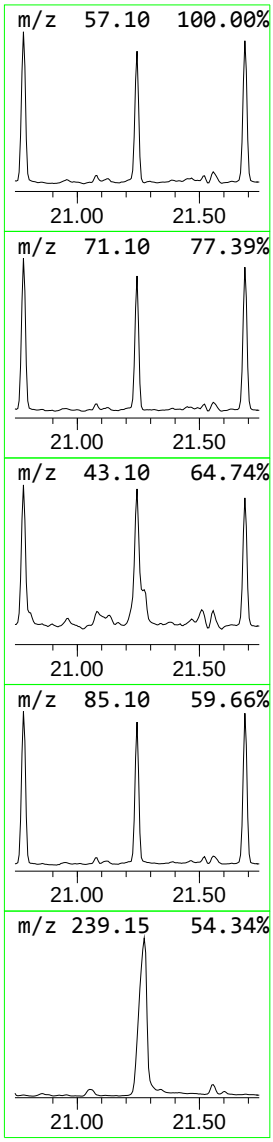
Peak Number 19 Dehydroabietic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.244	26.90 ng	29301400	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	76
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
4	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	56
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	55





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Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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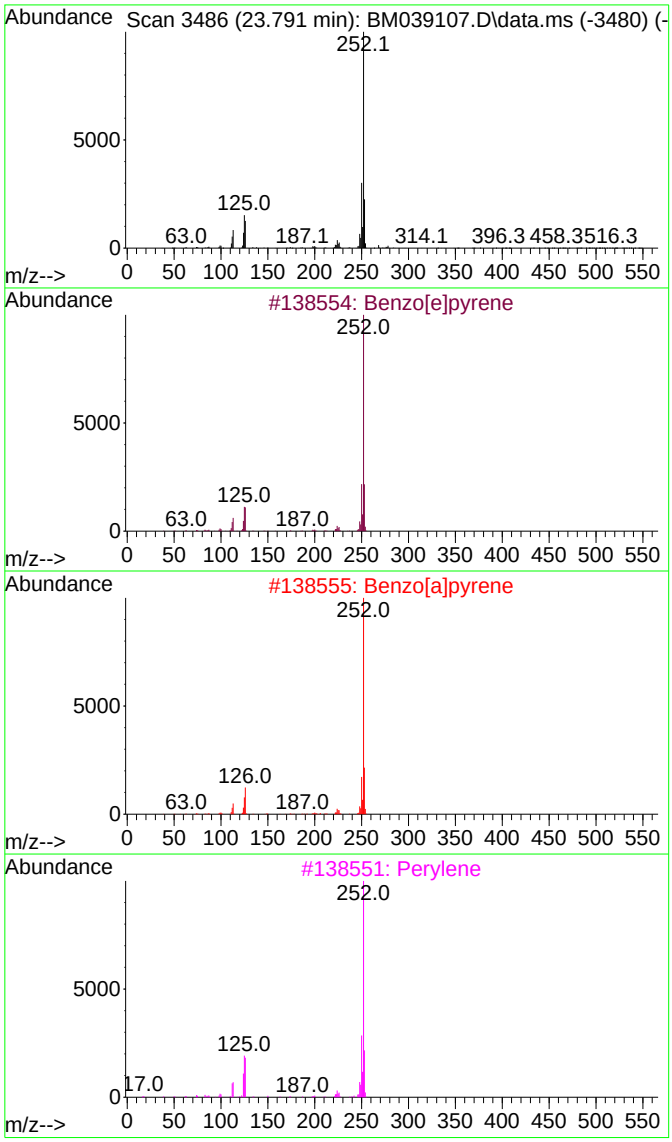
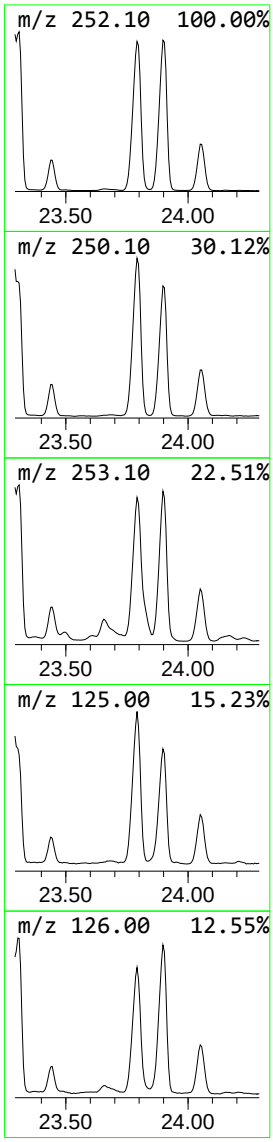
Peak Number 20 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.791	20.89 ng	19871100	Perylene-d12	23.997

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039107.D
Acq On : 23 Mar 2023 00:31
Operator : CG/JU
Sample : 02032-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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...	5.593	42.9	ng	29865500	1	7.975	13925200	20.0
o-Xylene	5.963	37.0	ng	25732800	1	7.975	13925200	20.0
Benzene, 1-ethy...	7.057	26.8	ng	18669400	1	7.975	13925200	20.0
Decane	7.598	37.2	ng	25879900	1	7.975	13925200	20.0
Mesitylene	7.634	97.0	ng	67516300	1	7.975	13925200	20.0
Benzofuran	7.698	20.1	ng	14018700	1	7.975	13925200	20.0
Benzene, 1,2,3-...	8.092	42.0	ng	29258500	1	7.975	13925200	20.0
Tetracyclo[3.3....	8.351	23.0	ng	16025600	1	7.975	13925200	20.0
Indene	8.528	120.6	ng	83957600	1	7.975	13925200	20.0
Benzene, 2-ethy...	8.616	33.0	ng	22956000	1	7.975	13925200	20.0
Benzene, 4-ethy...	9.081	40.9	ng	28466400	1	7.975	13925200	20.0
Benzofuran, 2-m...	9.333	22.9	ng	15939700	1	7.975	13925200	20.0
Heptadecane	14.504	20.0	ng	4322460	3	14.610	4322460	20.0
Hexadecane, 1-i...	15.451	21.9	ng	4737350	3	14.610	4322460	20.0
n-Hexadecanoic ...	18.304	141.9	ng	79150400	4	17.356	11151900	20.0
4b,8-Dimethyl-2...	18.992	122.8	ng	68461900	4	17.356	11151900	20.0
Octadecane	19.174	22.9	ng	12793000	4	17.356	11151900	20.0
Octadecanoic acid	19.574	55.0	ng	59878300	5	21.550	21781700	20.0
Dehydroabietic ...	21.244	26.9	ng	29301400	5	21.550	21781700	20.0
Benzo[e]pyrene	23.791	20.9	ng	19871100	6	23.997	19028600	20.0