LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038781.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	296	302	312	rBV	258911	359478	4.38%	0.393%
2	5.440	377	383	393	rBV	769547	1098053	13.37%	1.201%
3	5.846	446	452	471	rBV	307370	556979	6.78%	0.609%
4	7.063	647	659	665	rBV	769677	1199385	14.60%	1.312%
5	7.540	732	740	748	rBV	475263	957052	11.65%	1.047%
6	7.616	748	753	761	rVB	238805	390702	4.76%	0.427%
7	7.881	789	798	805	rBV	221130	336513	4.10%	0.368%
8	8.422	882	890	903	rBV	528422	900377	10.96%	0.985%
9	8.916	963	974	980	rVB3	70947	131987	1.61%	0.144%
10	9.063	992	999	1009	rVB	521639	884171	10.77%	0.967%
11	9.157	1009	1015	1026	rBV	177734	410416	5.00%	0.449%
12	9.263	1027	1033	1039	rVB	144507	214337	2.61%	0.234%
13	9.657	1094	1100	1104	rBV	169427	268740	3.27%	0.294%
14	9.716	1104	1110	1117	rVB	629055	969369	11.80%	1.060%
15	10.122	1169	1179	1185	rBV	262417	507717	6.18%	0.555%
16	10.192	1185	1191	1193	rVV	144296	239924	2.92%	0.262%
17	10.228	1193	1197	1203	rVV	344667	591063	7.20%	0.646%
18	10.398	1218	1226	1234	rVB5	54806	122037	1.49%	0.133%
19	10.698	1269	1277	1281	rBV	277057	457288	5.57%	0.500%
20	10.745	1281	1285	1293	rVB	175766	275365	3.35%	0.301%
21	11.210	1349	1364	1372	rBV	602882	1019320	12.41%	1.115%
22	11.345	1380	1387	1397	rBV	655453	1090183	13.27%	1.192%
23	12.351	1549	1558	1576	rBV2	460701	928558	11.31%	1.015%
24	12.504	1577	1584	1591	rBV	218551	339849	4.14%	0.372%
25	12.586	1591	1598	1605	rVB2	154190	336151	4.09%	0.368%
26	12.751	1620	1626	1630	rBV	147743	216245	2.63%	0.236%
27	12.986	1661	1666	1676	rVB	262481	369227	4.50%	0.404%
28	13.157	1690	1695	1701	rVB	1626623	2326678	28.33%	2.544%
29	13.421	1735	1740	1746	rBV	269305	466619	5.68%	0.510%
30	13.774	1795	1800	1808	rVB2	123553	202168	2.46%	0.221%
31	13.857	1808	1814	1819	rBV2	112810	210869	2.57%	0.231%
32	13.986	1828	1836	1845	rVB3	129417	271737	3.31%	0.297%
33	14.263	1877	1883	1896	rVB	434773	705967	8.60%	0.772%
34	14.427	1906	1911	1914	rBV	87455	144661	1.76%	0.158%
35	14.539	1925	1930	1935	rVB	457836	653704	7.96%	0.715%
36	14.604	1936	1941	1948	rVB2	164301	255632	3.11%	0.280%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.933	1993	1997	2003	rVV	141742	198971	2.42%	0.218%
38	15.586	2102	2108	2116	rVB	404987	610820	7.44%	0.668%
39	16.033	2178	2184	2190	rVB	1687842	2221373	27.05%	2.429%
40	16.268	2219	2224	2229	rVB3	74958	142754	1.74%	0.156%
41	16.451	2250	2255	2260	rVB	104458	151125	1.84%	0.165%
42	16.586	2271	2278	2283	rVB4	94922	196072	2.39%	0.214%
43	16.945	2334	2339	2346	rVB2	224538	335159	4.08%	0.366%
44	17.104	2362	2366	2374	rVB	318760	425616	5.18%	0.465%
45	17.286	2392	2397	2400	rBV	554500	789530	9.61%	0.863%
46	17.339	2400	2406	2412	rVV	5478386	7242064	88.18%	7.919%
47	17.421	2415	2420	2425	rVB	759745	981973	11.96%	1.074%
48	17.698	2463	2467	2474	rVB	274632	371542	4.52%	0.406%
49	17.868	2492	2496	2503	rVB4	124268	204505	2.49%	0.224%
50	18.004	2516	2519	2528	rVB2	66298	133869	1.63%	0.146%
51	18.168	2541	2547	2551	rVV2	762552	1306663	15.91%	1.429%
52	18.215	2551	2555	2560	rVV	811826	1110911	13.53%	1.215%
53	18.292	2564	2568	2573	rVB	205623	271128	3.30%	0.296%
54	18.362	2573	2580	2583	rBV2	770230	1385596	16.87%	1.515%
55	18.392	2583	2585	2590	rVB	379531	479769	5.84%	0.525%
56	18.662	2627	2631	2635	rBV	400962	489701	5.96%	0.535%
57	18.715	2635	2640	2647	rVB	504320	638431	7.77%	0.698%
58	18.909	2669	2673	2677	rVV	115414	142083	1.73%	0.155%
59	18.956	2678	2681	2685	rVV	180377	222331	2.71%	0.243%
60	18.998	2685	2688	2691	rVB	131638	150509	1.83%	0.165%
61	19.080	2697	2702	2706	rBV	351850	552678	6.73%	0.604%
62	19.174	2716	2718	2721	rVB	129926	123359	1.50%	0.135%
63	19.233	2722	2728	2734	rBV3	227272	444938	5.42%	0.487%
64	19.356	2742	2749	2753	rVB	6584222	8212418	100.00%	8.980%
65	19.445	2761	2764	2769	rBV2	218753	279938	3.41%	0.306%
66	19.498	2769	2773	2777	rBV	279572	338309	4.12%	0.370%
67	19.592	2785	2789	2792	rBV	132970	161543	1.97%	0.177%
68	19.680	2799	2804	2805	rBV	520498	647714	7.89%	0.708%
69	19.715	2805	2810	2817	rVV	6243433	8035837	97.85%	8.787%
70	19.780	2817	2821	2826	rVB2	245714	347171	4.23%	0.380%
71	19.909	2836	2843	2847	rBV	3606830	4005405	48.77%	4.380%
72	19.950	2847	2850	2857	rVB	164250	276615	3.37%	0.302%
73	20.033	2858	2864	2871	rBV2	291651	740944	9.02%	0.810%
74	20.098	2872	2875	2881	rBV4	72746	128058	1.56%	0.140%
75	20.168	2882	2887	2889	rVV4	256697	451889	5.50%	0.494%
76	20.203	2890	2893	2898	rVB	656713	815179	9.93%	0.891%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-4.0-6.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.303	2906	2910	2914	rBV	362631	448560	5.46%	0.490%
78	20.362	2914	2920	2924	rVV2	505860	749040	9.12%	0.819%
79	20.503	2940	2944	2948	rBV	310290	401168	4.88%	0.439%
80	20.545	2948	2951	2955	rVV	278875	343636	4.18%	0.376%
81	20.950	3017	3020	3026	rVB	400663	533080	6.49%	0.583%
82	21.115	3044	3048	3052	rBV2	395195	532929	6.49%	0.583%
83	21.156	3052	3055	3059	rVV2	534727	668227	8.14%	0.731%
84	21.197	3059	3062	3066	rVV2	338481	482549	5.88%	0.528%
85	21.250	3068	3071	3076	rVB	419142	532361	6.48%	0.582%
86	21.462	3102	3107	3112	rBV3	2776152	4643142	56.54%	5.077%
87	21.515	3112	3116	3125	rVB	2439492	3014138	36.70%	3.296%
88	21.633	3133	3136	3142	rVB	164442	208667	2.54%	0.228%
89	21.692	3143	3146	3150	rBV2	188766	248883	3.03%	0.272%
90	22.044	3203	3206	3210	rVB	373059	474406	5.78%	0.519%
91	22.097	3213	3215	3223	rVB2	226239	311943	3.80%	0.341%
92	22.256	3239	3242	3245	rBV	145949	194718	2.37%	0.213%
93	23.144	3386	3393	3398	rBV	1382975	3302151	40.21%	3.611%
94	23.321	3420	3423	3430	rVB	256371	380052	4.63%	0.416%
95	23.656	3475	3480	3491	rVB	827711	1598223	19.46%	1.748%
96	23.762	3492	3498	3505	rVB	1294167	2298834	27.99%	2.514%
97	23.868	3511	3516	3520	rBV	309914	568658	6.92%	0.622%
98	23.915	3521	3524	3533	rVB2	310689	638897	7.78%	0.699%
99	26.356	3932	3939	3949	rVB	551168	1559989	19.00%	1.706%
100	27.126	4064	4070	4079	rVB2	406056	1142458	13.91%	1.249%

Sum of corrected areas: 91449720

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
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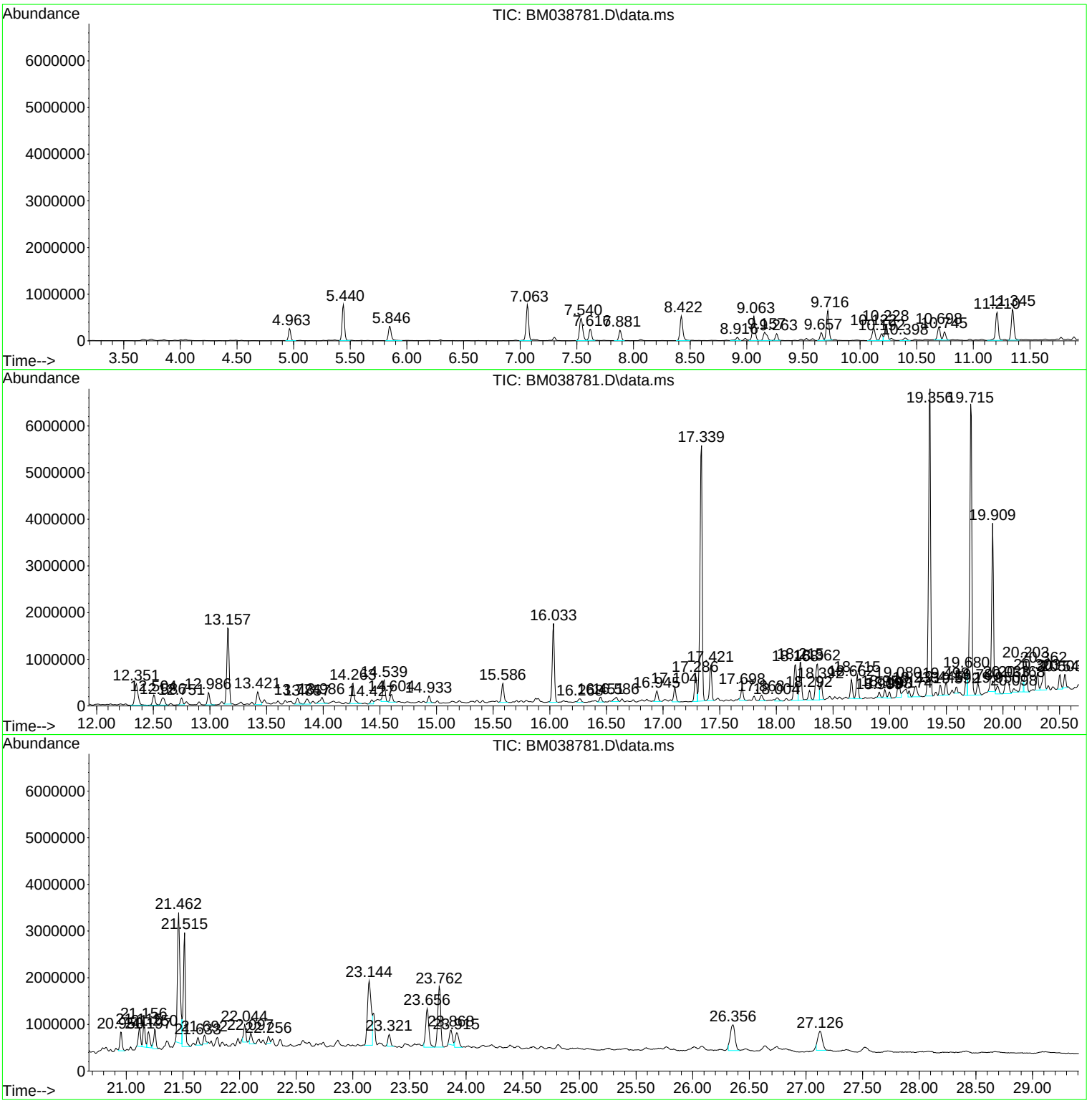
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
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Sample : 01552-02
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Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

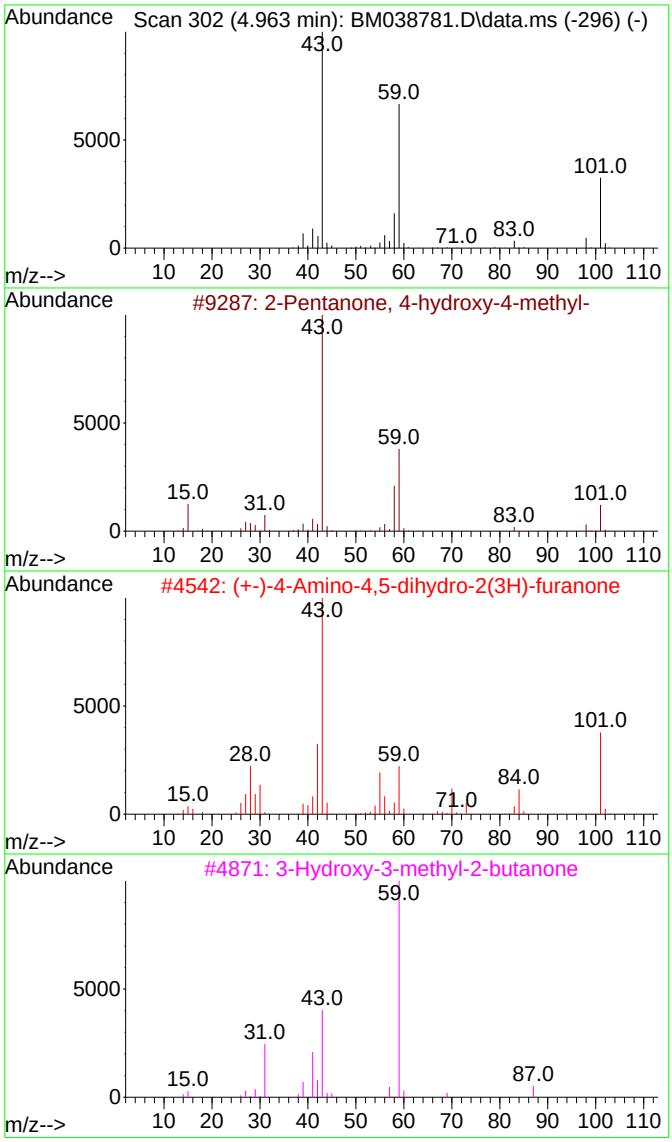
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

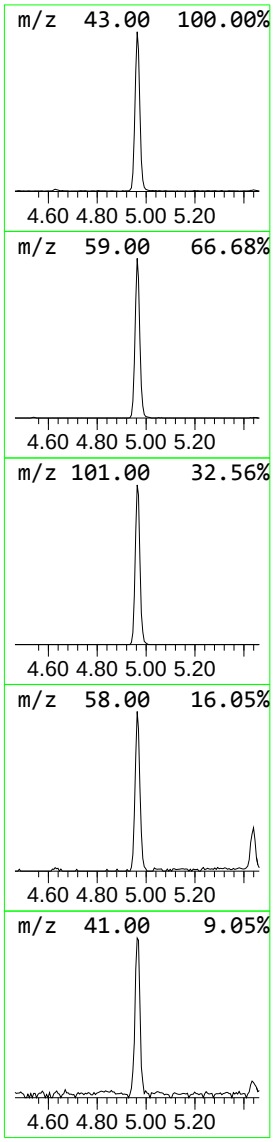
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	21.36 ng	359478	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
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Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

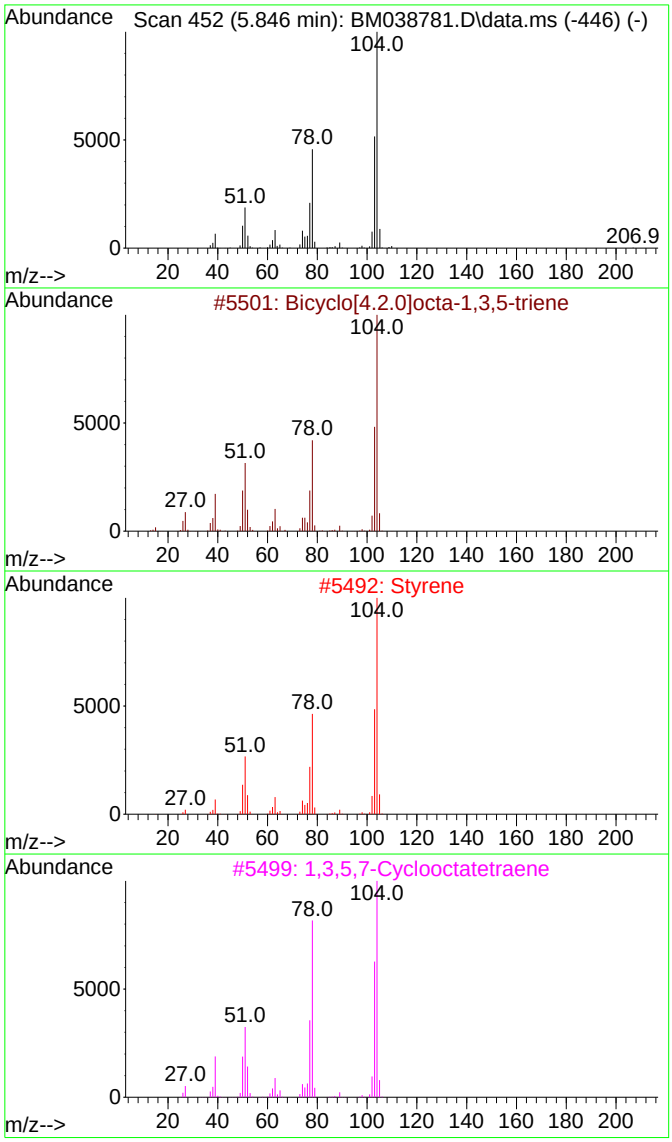
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

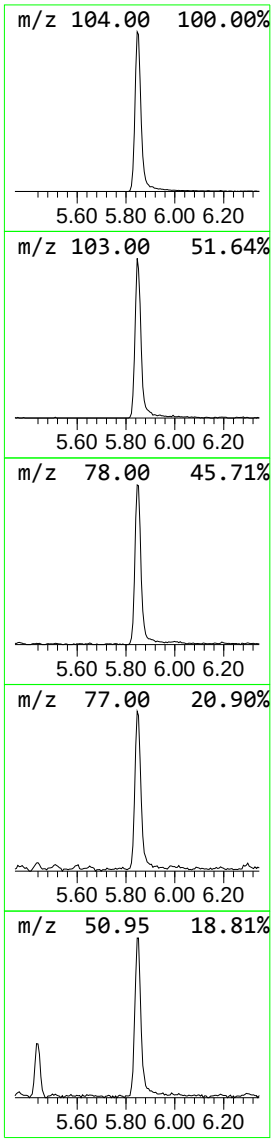
****

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.846	33.10 ng	556979	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	95
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

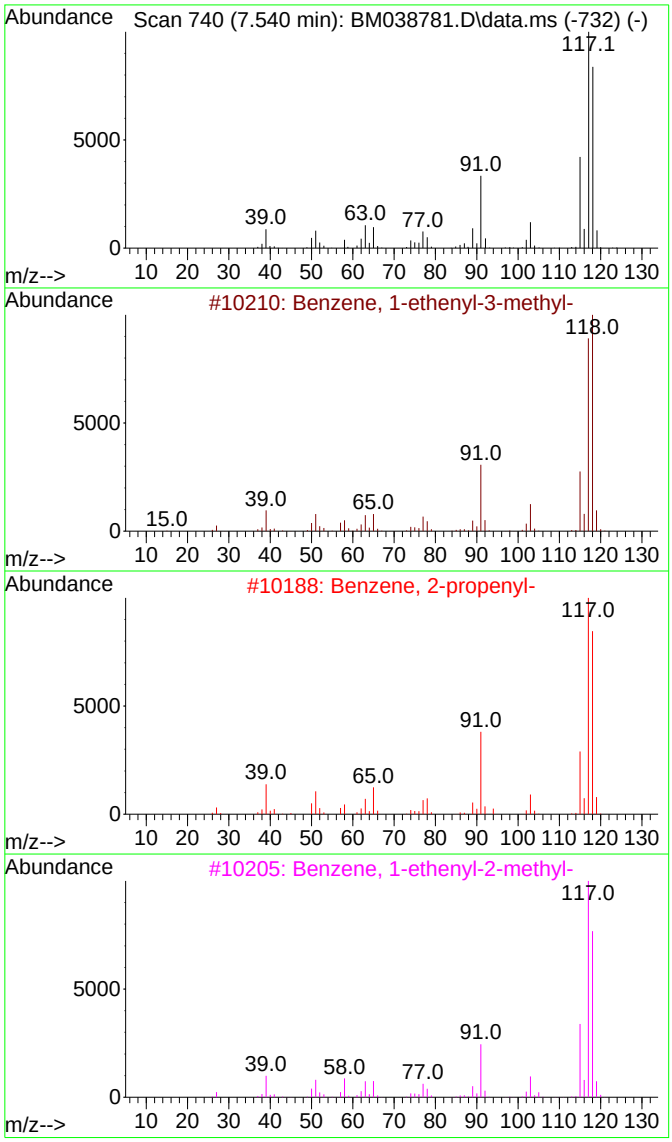
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

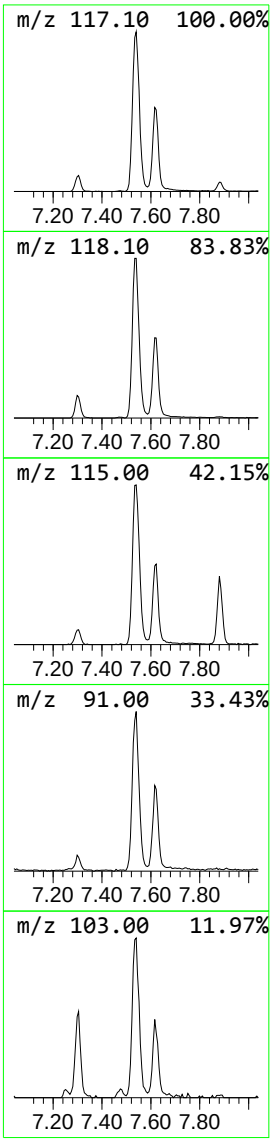
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.540	56.88 ng	957052	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94





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Data File : BM038781.D
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Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

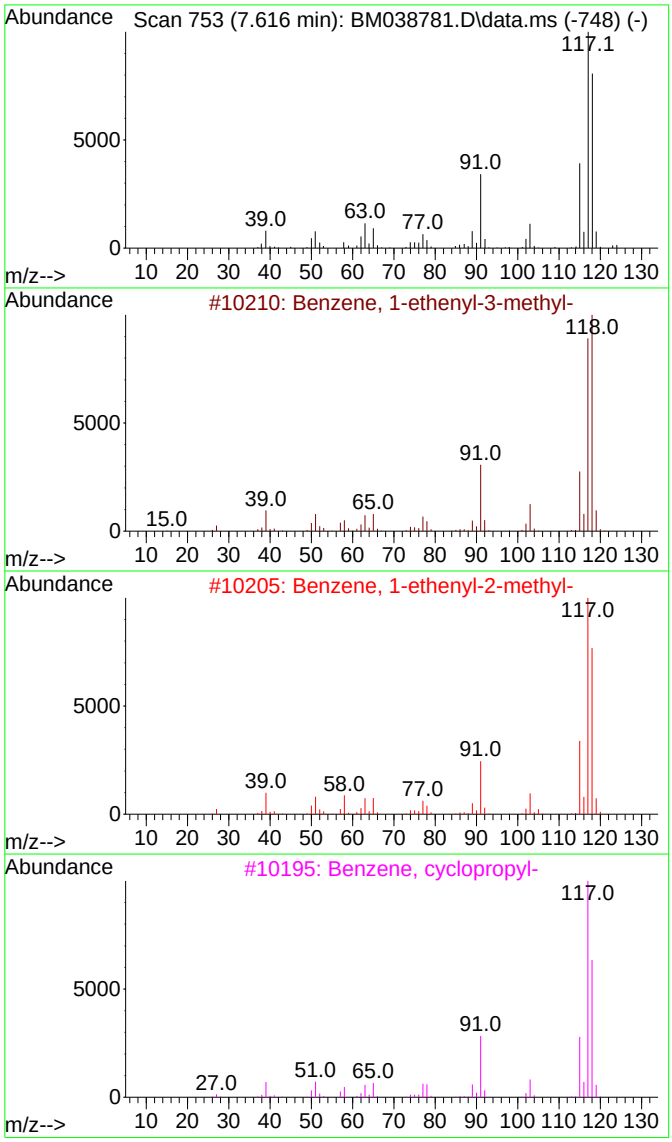
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

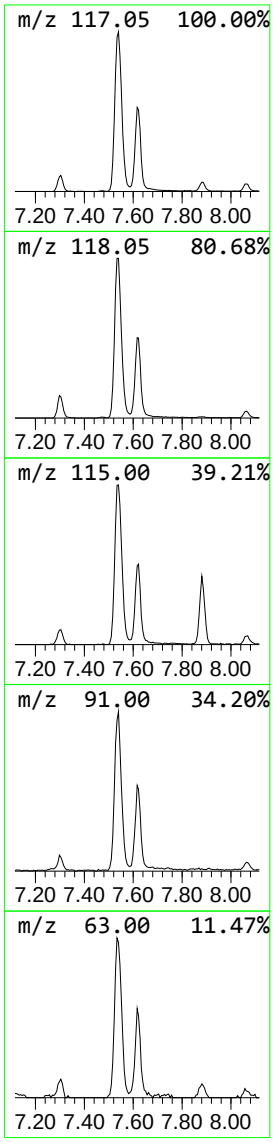
****

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	23.22 ng	390702	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

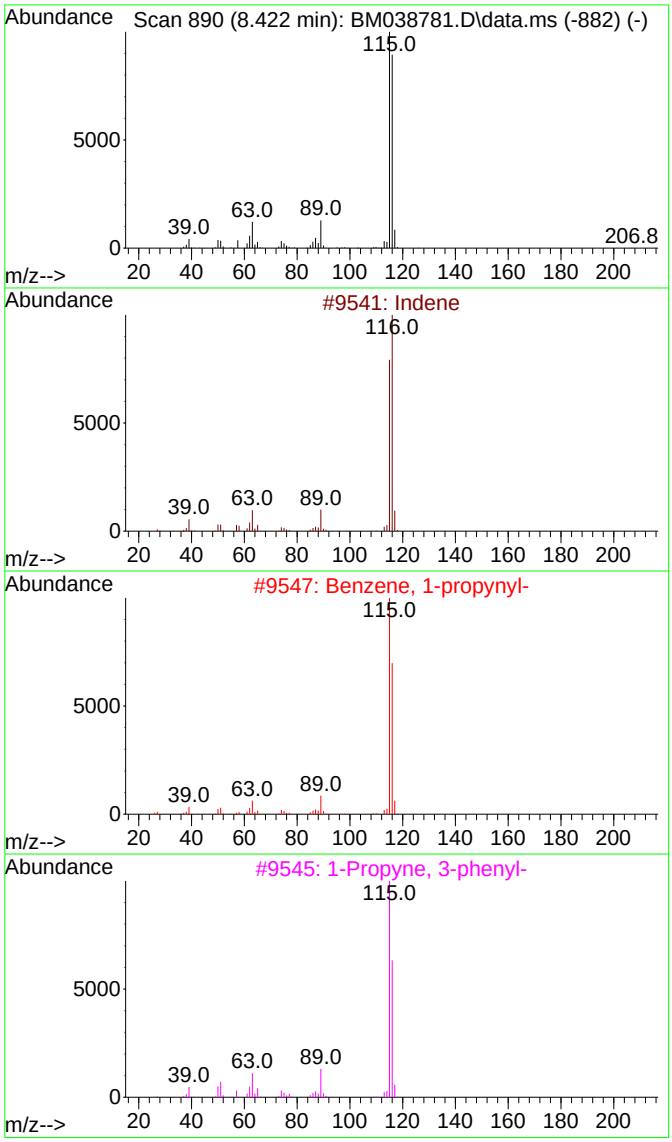
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

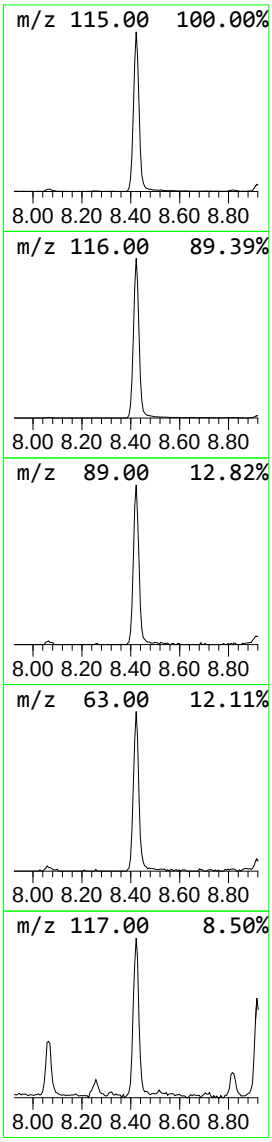
****

Peak Number 5 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	53.51 ng	900377	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-4.0-6.0

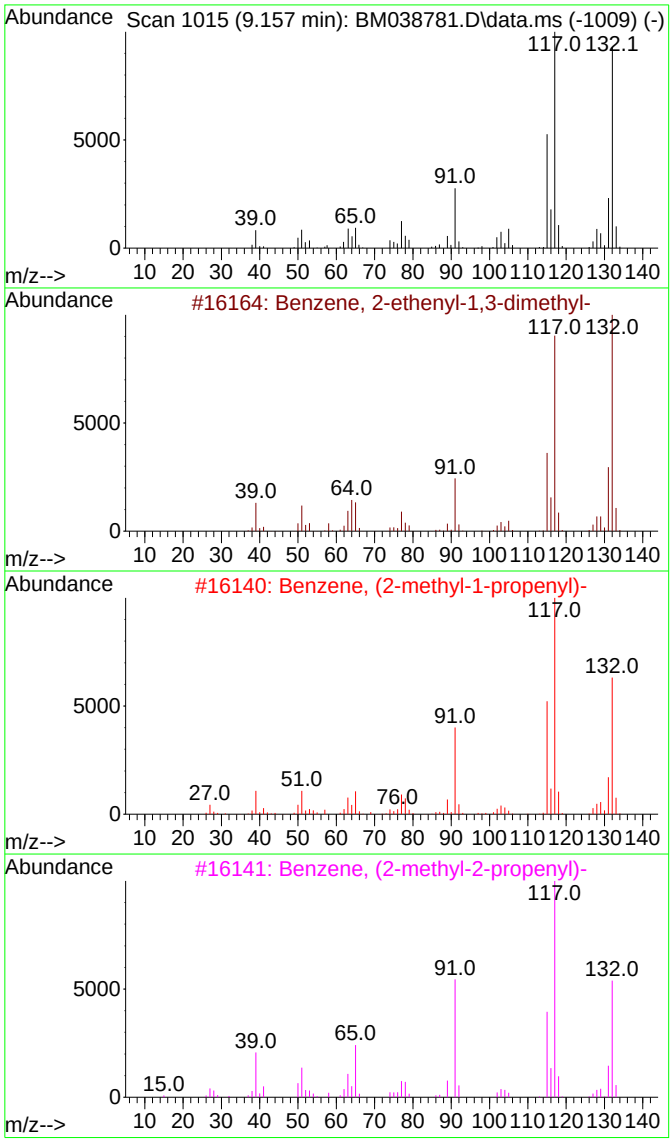
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

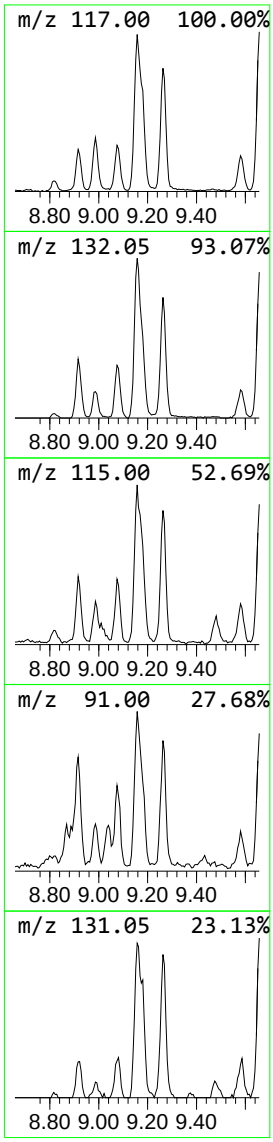
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	24.39 ng	410416	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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

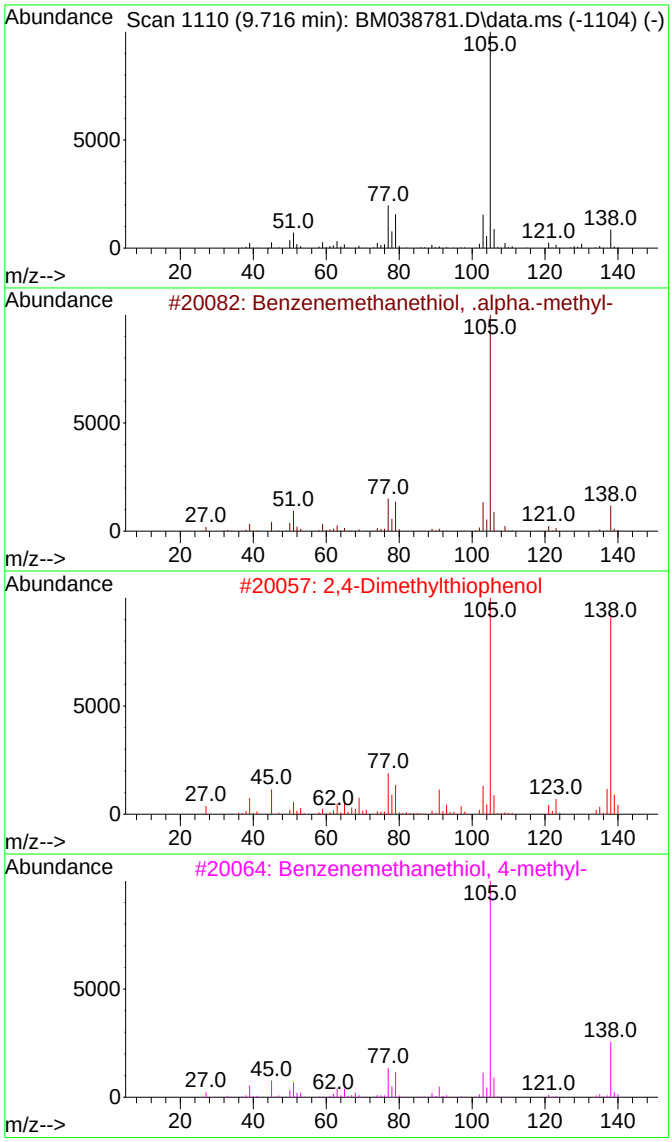
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

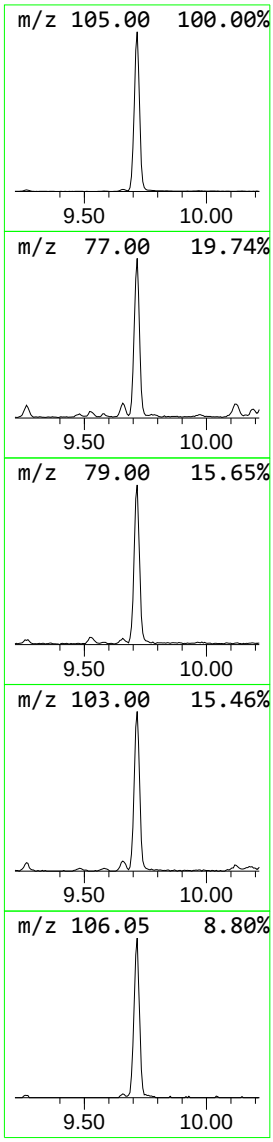
****

Peak Number 7 Benzenemethanethiol, .alpha... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	42.40 ng	969369	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
3	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72





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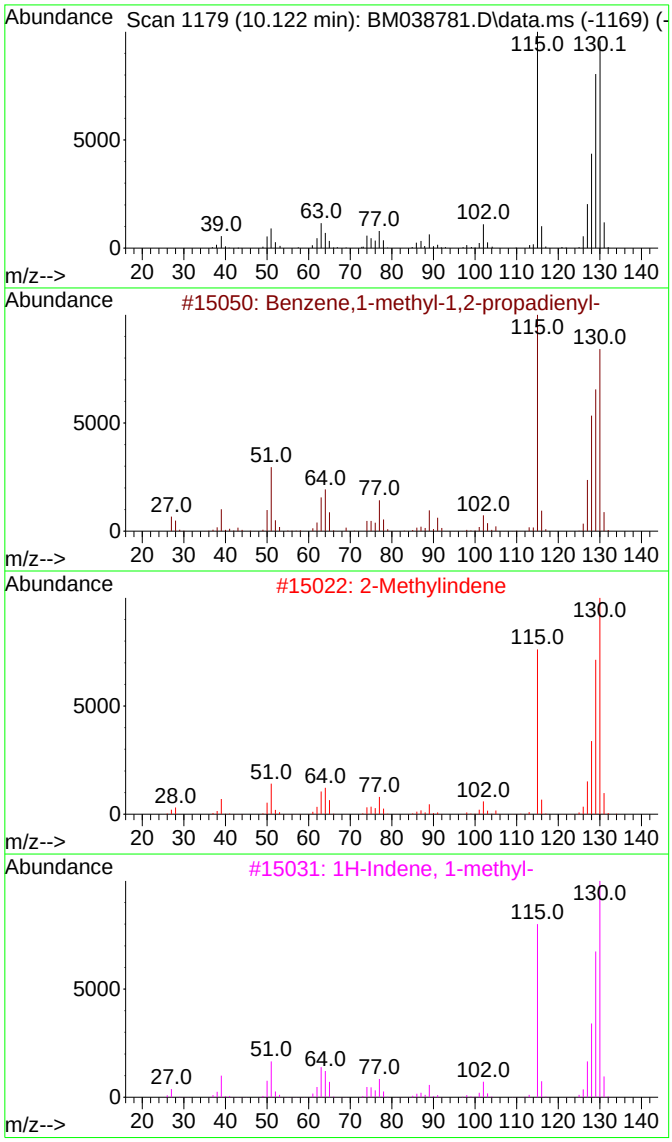
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

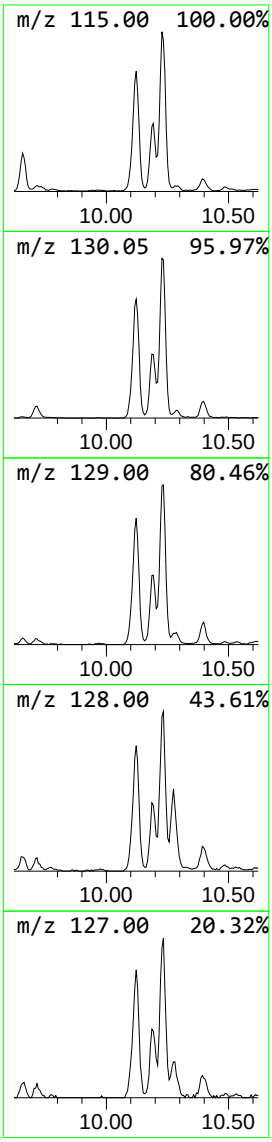
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene,1-methyl-1,2-propad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	22.21 ng	507717	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
2	2-Methylindene	130	C10H10	002177-47-1	91
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

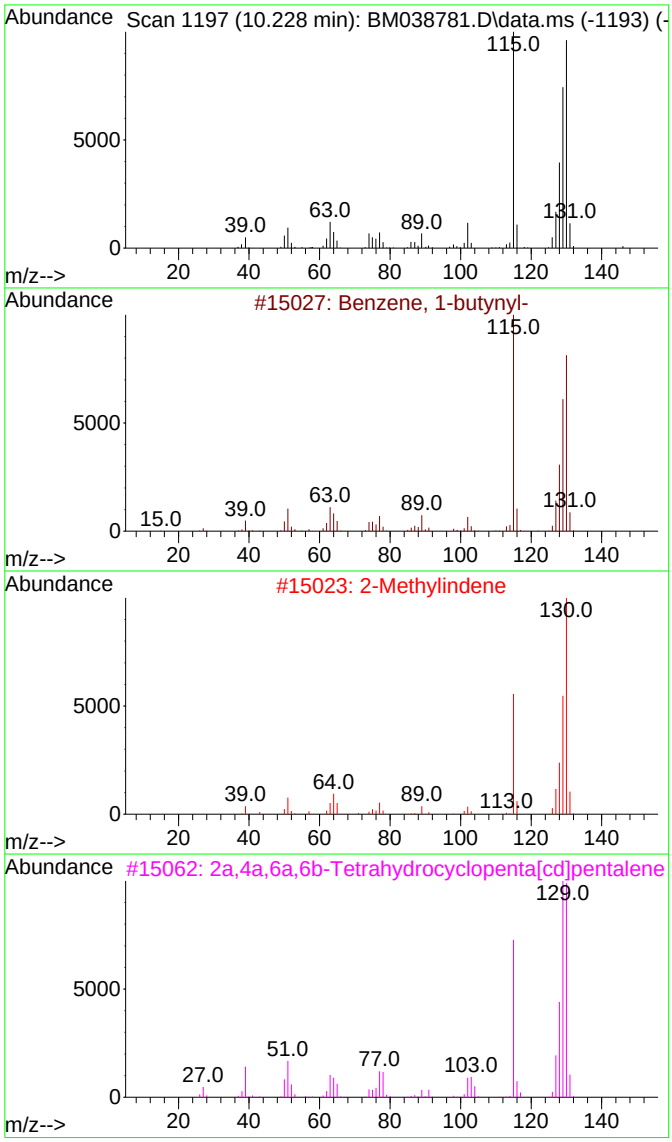
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

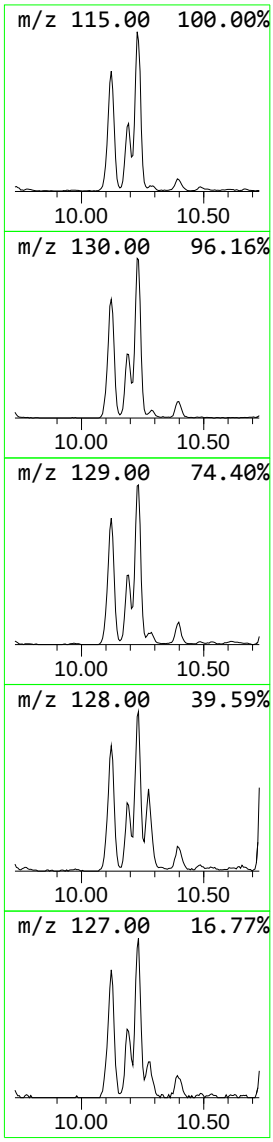
****

Peak Number 9 Benzene, 1-butynyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.228	25.85 ng	591063	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	2-Methylindene	130	C10H10	002177-47-1	93
3	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	91
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

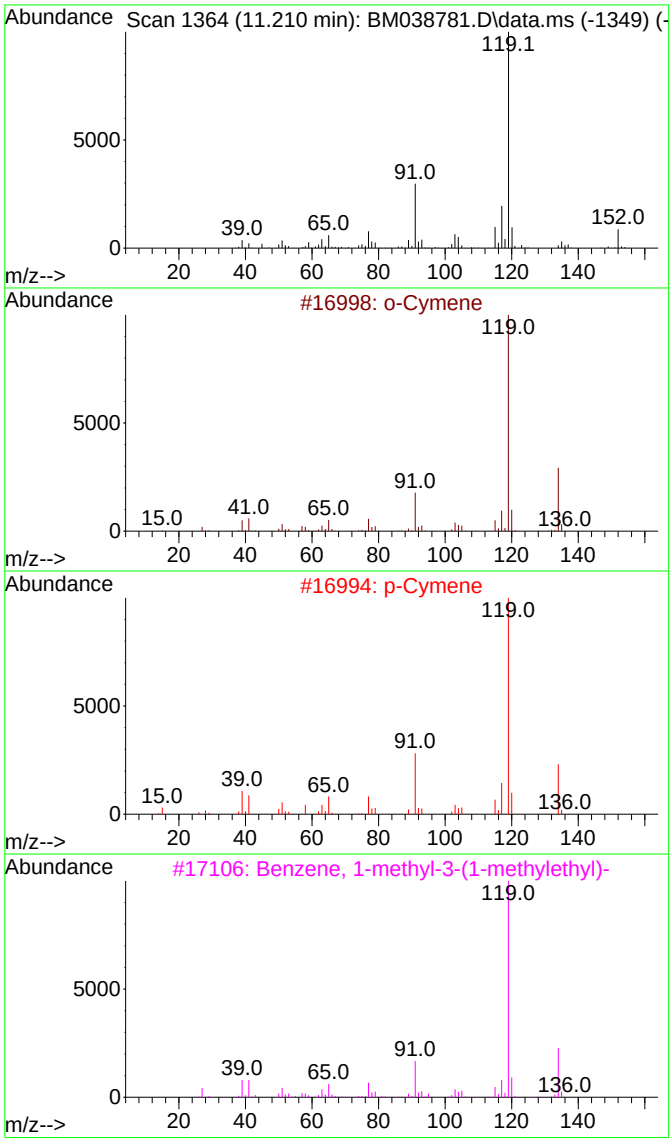
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

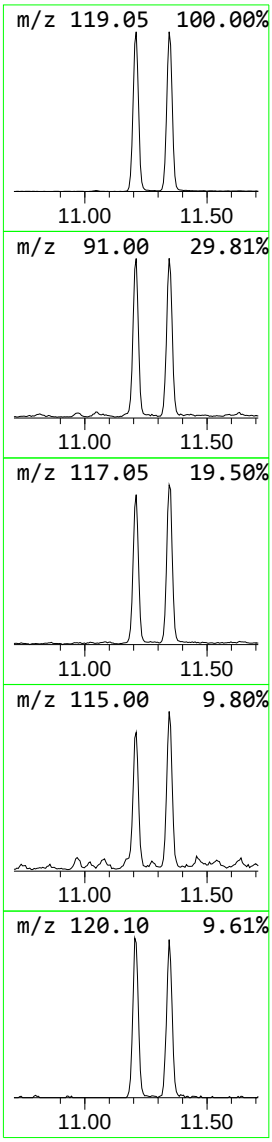
****

Peak Number 10 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	44.58 ng	1019320	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	p-Cymene	134	C10H14	000099-87-6	86
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	74
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





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

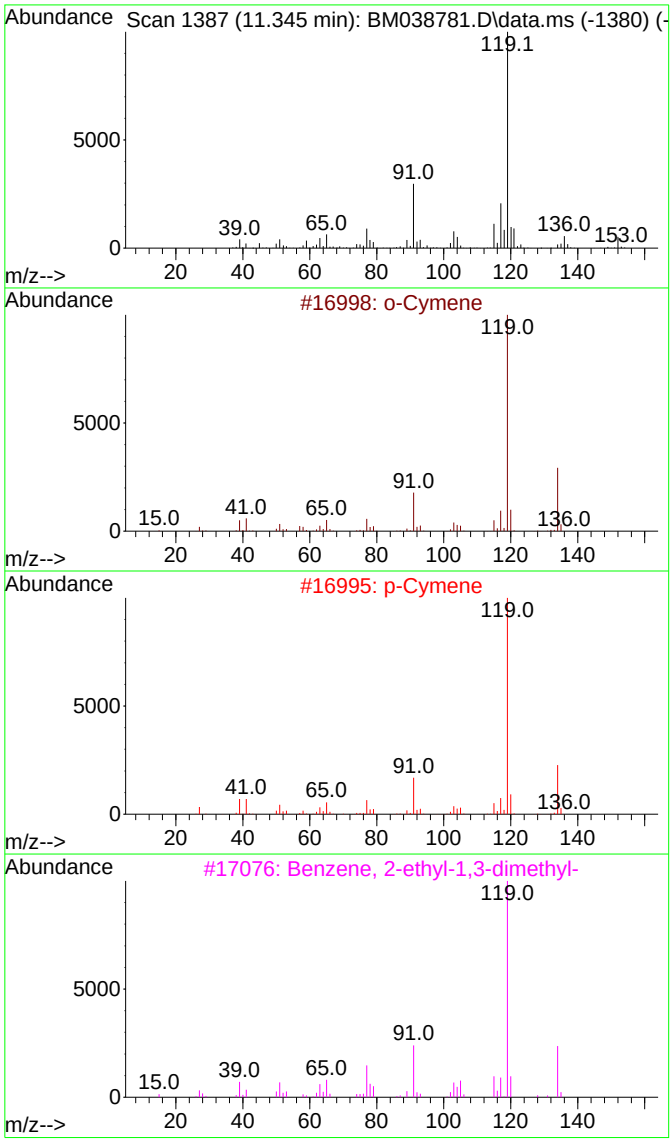
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

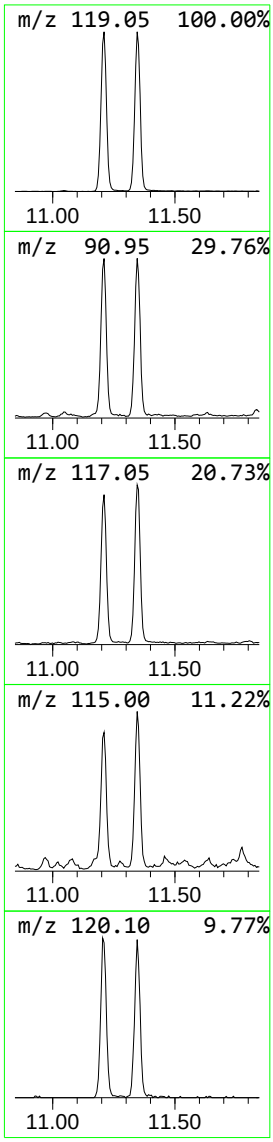
****

Peak Number 11 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	47.68 ng	1090180	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	p-Cymene	134	C10H14	000099-87-6	76
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58





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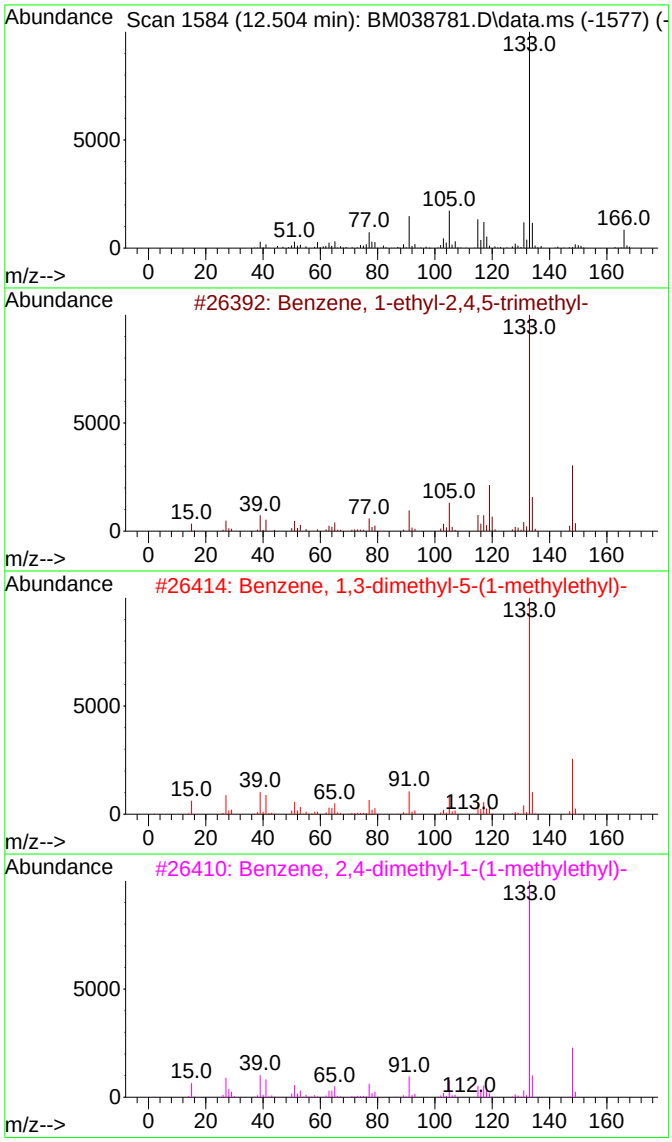
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

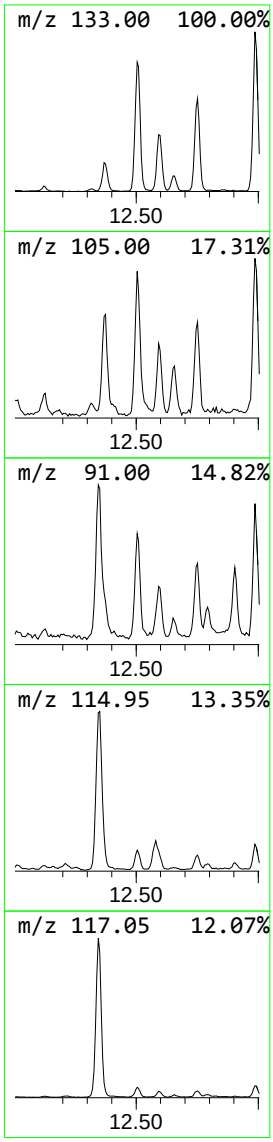
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	14.86 ng	339849	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	72
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	64





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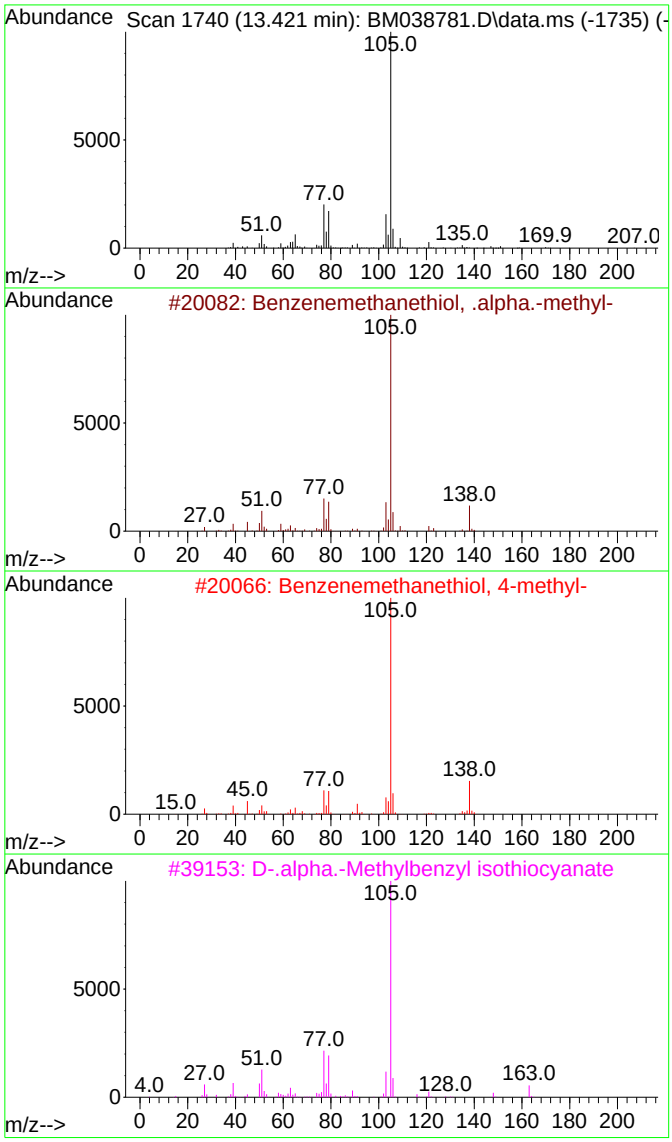
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

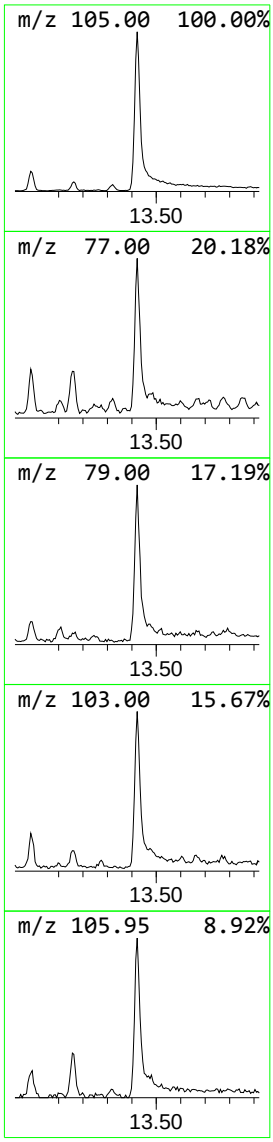
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzenemethanethiol, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	14.28 ng	466619	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	78
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
3	D-.alpha.-Methylbenzyl isothiocy...	163	C9H9NS	024277-44-9	64
4	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	59
5	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

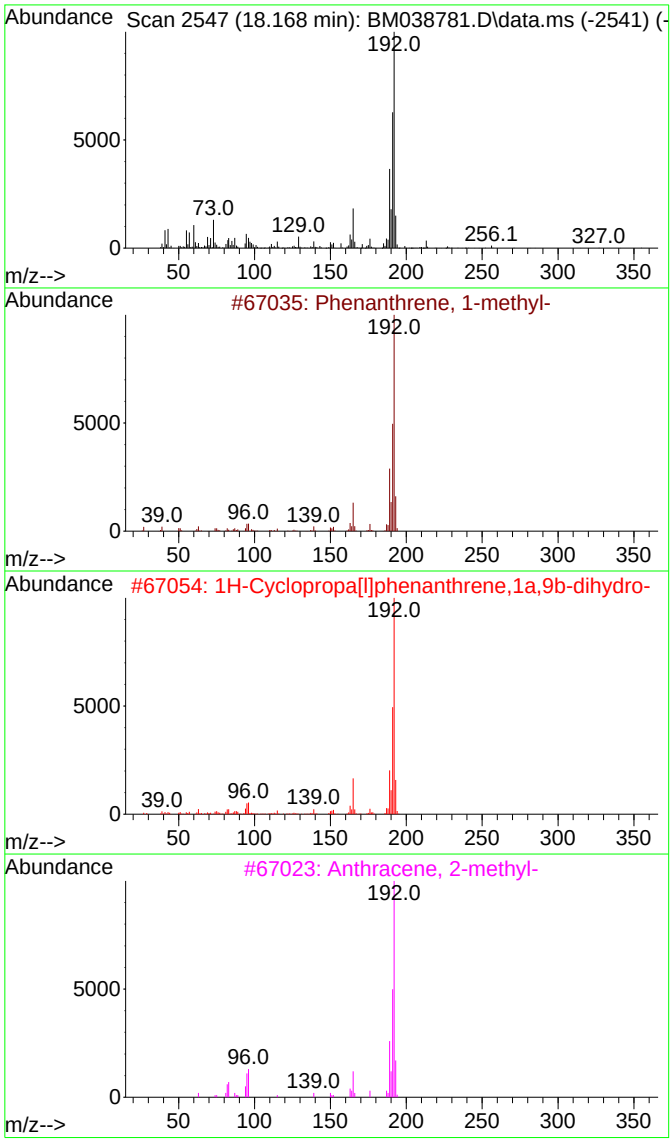
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

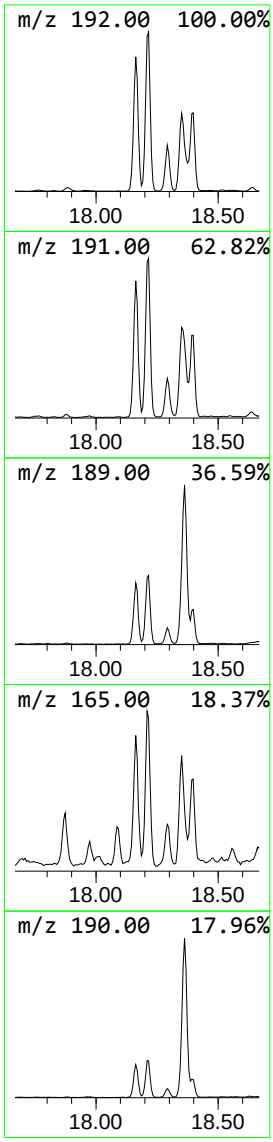
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	33.10 ng	1306660	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

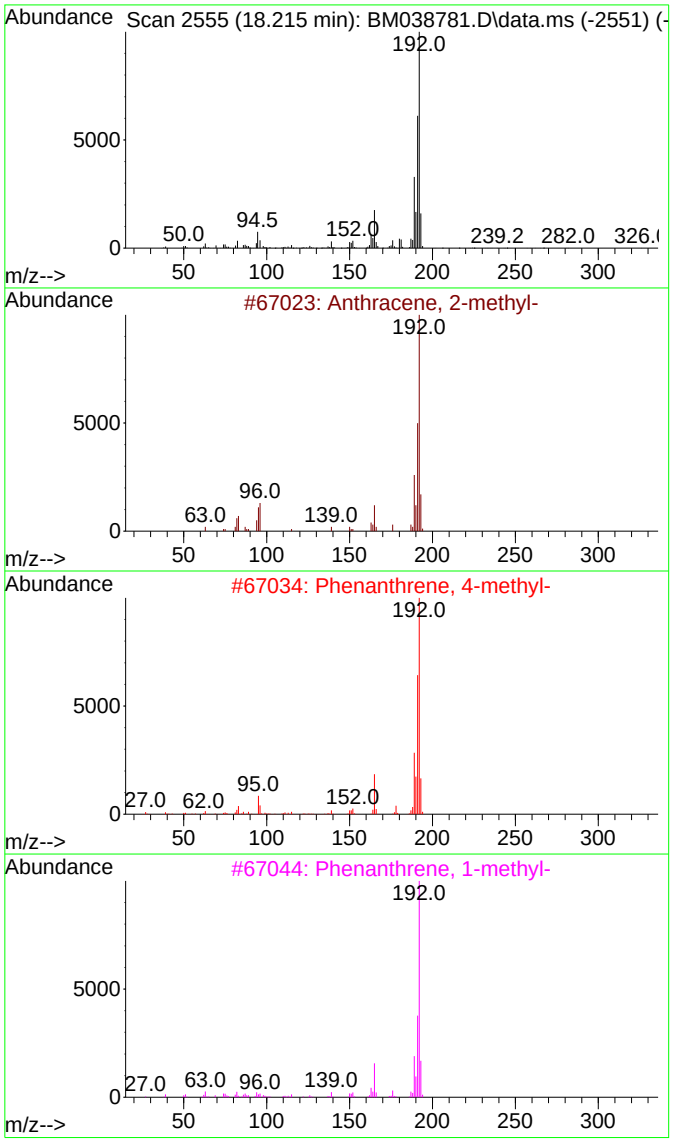
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

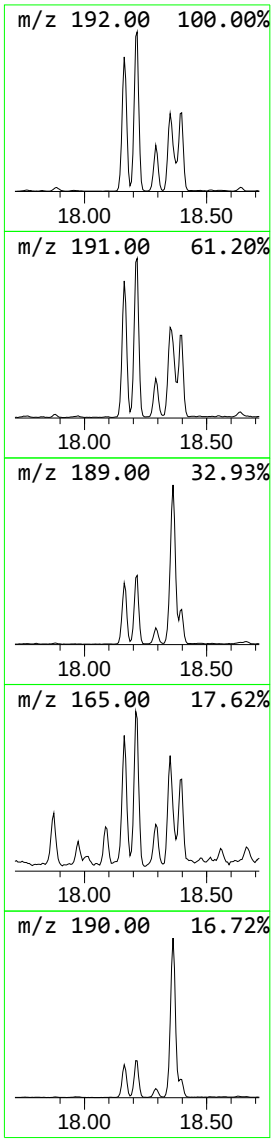
****

Peak Number 15 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	28.14 ng	1110910	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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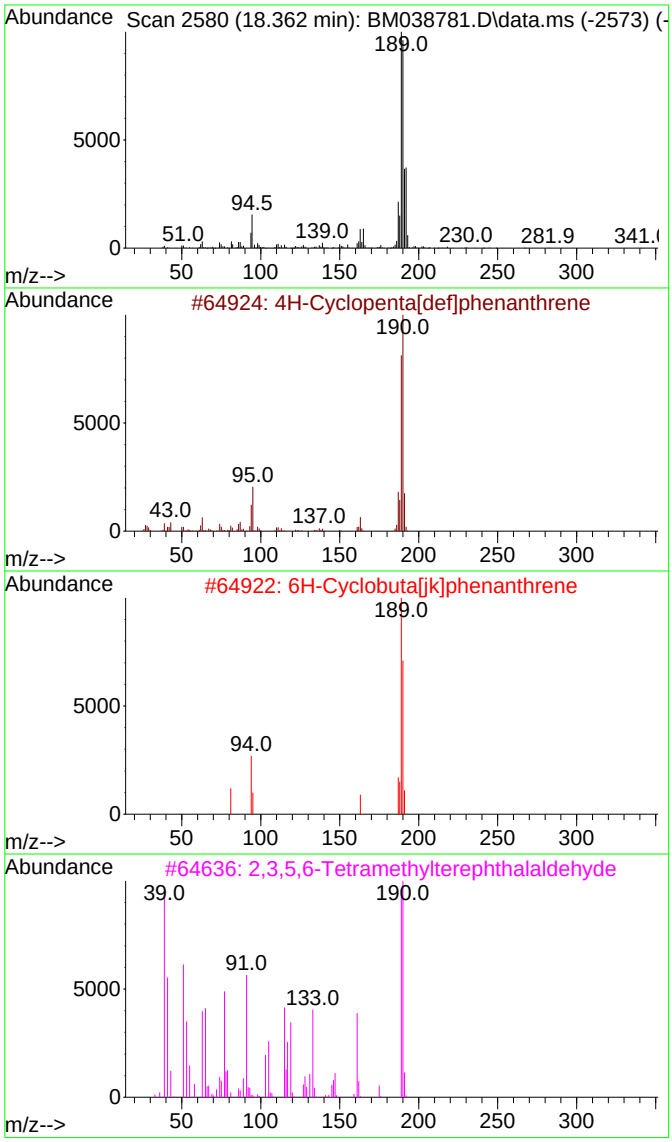
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

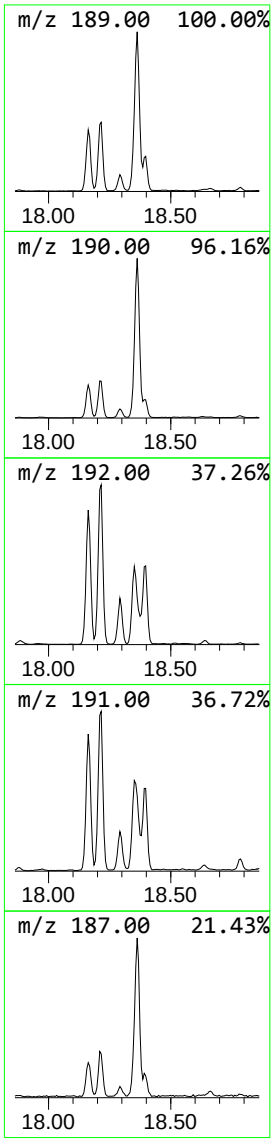
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	35.10 ng	1385600	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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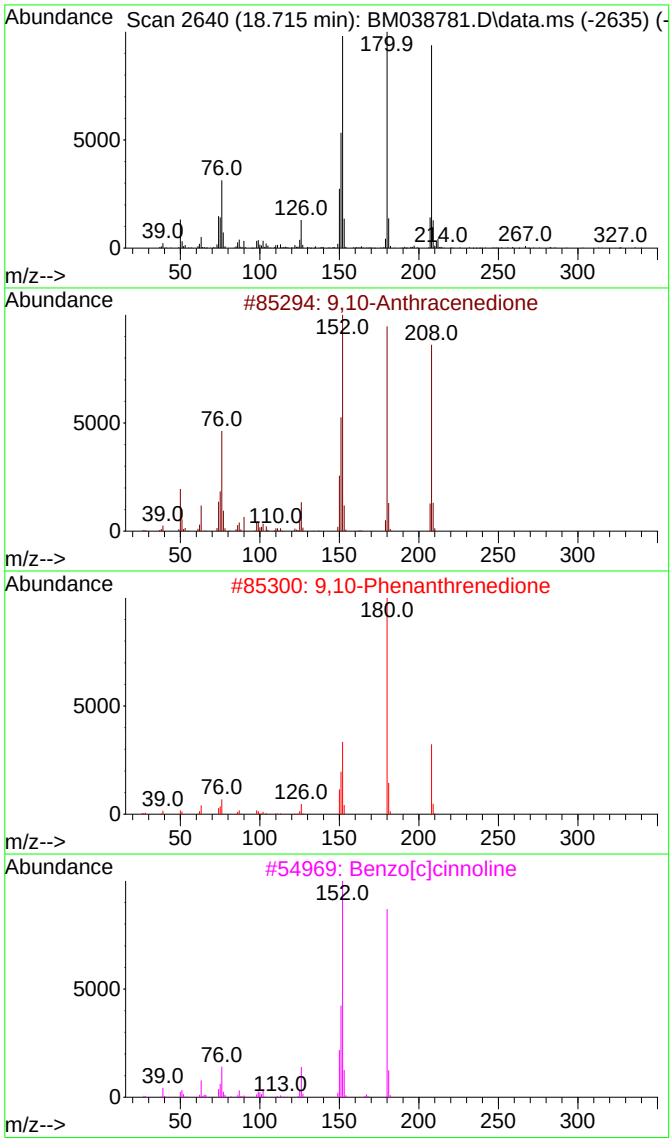
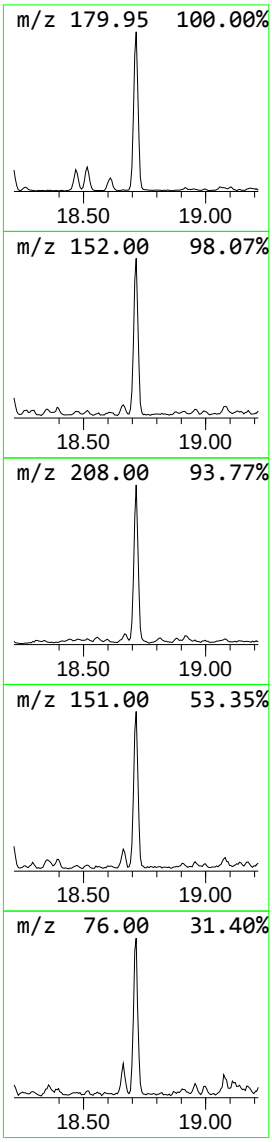
Peak Number 17 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	16.17 ng	638431	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	92
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Data File : BM038781.D
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Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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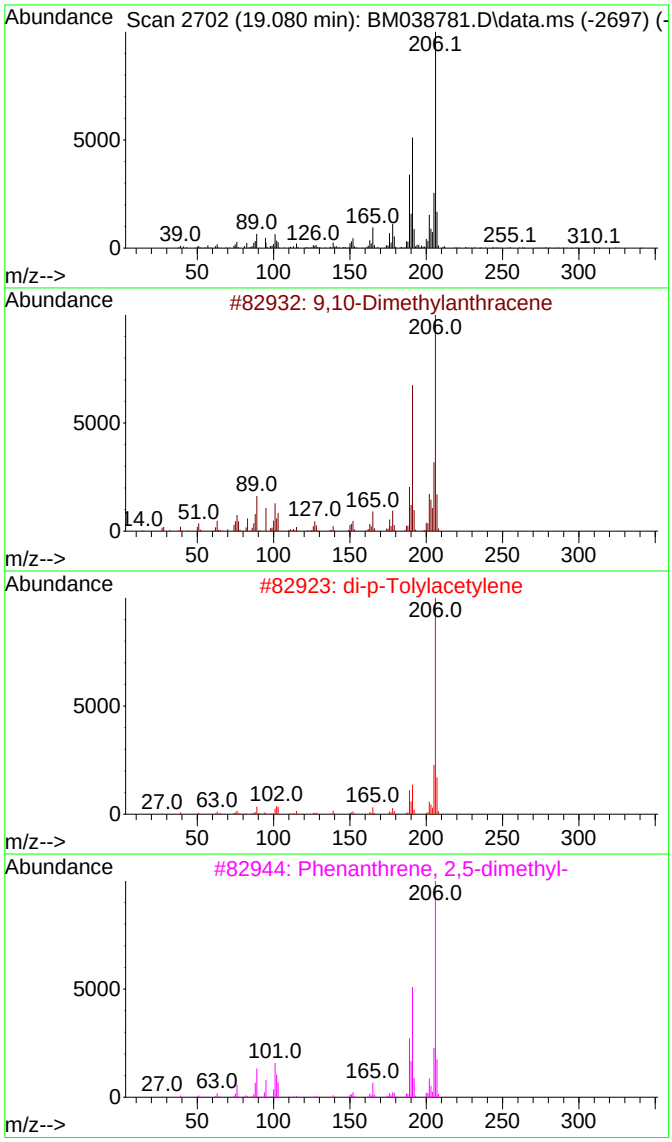
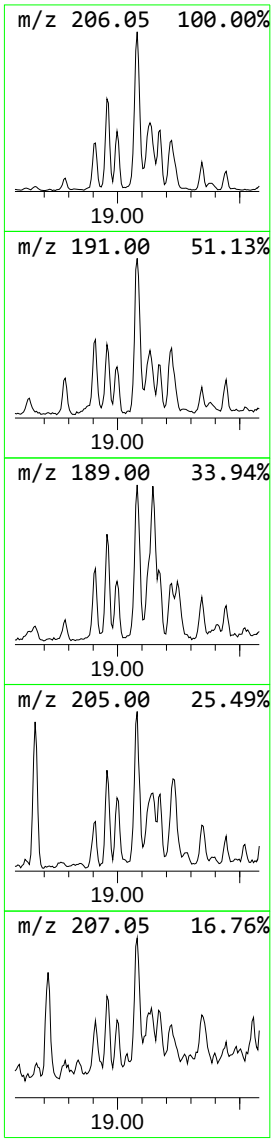
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	14.00 ng	552678	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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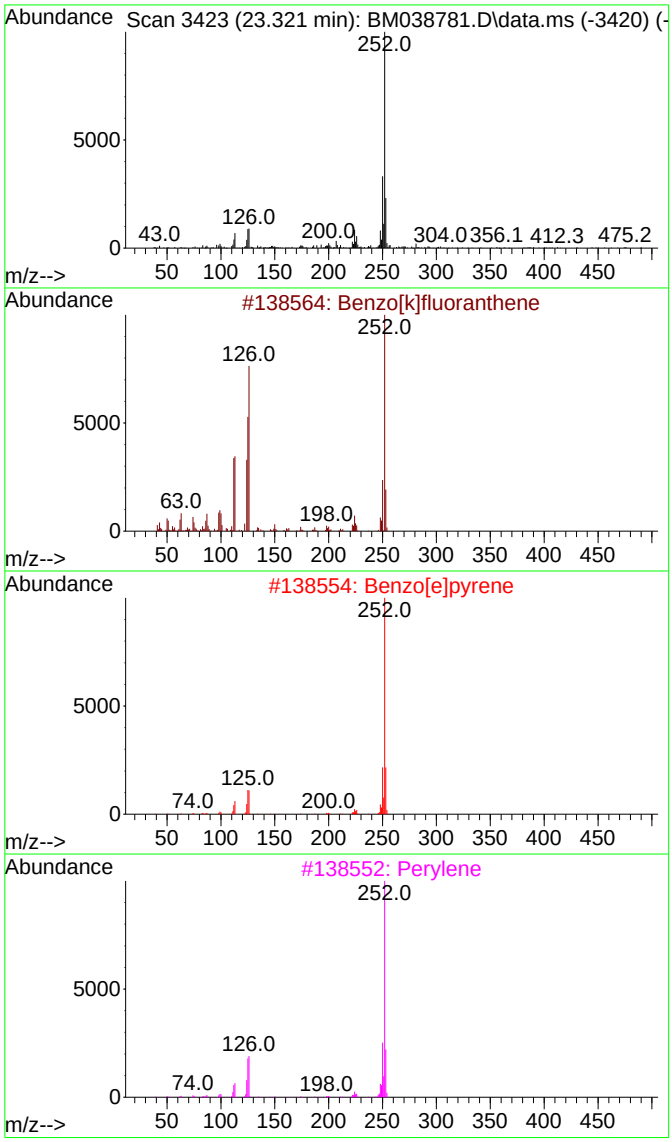
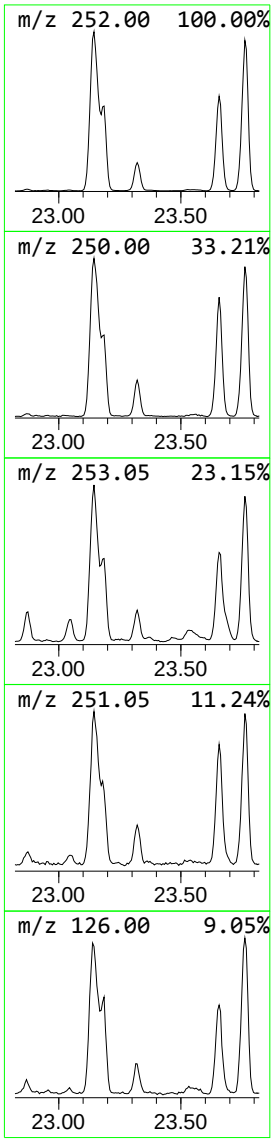
Peak Number 19 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.321	13.37 ng	380052	Perylene-d12	23.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





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Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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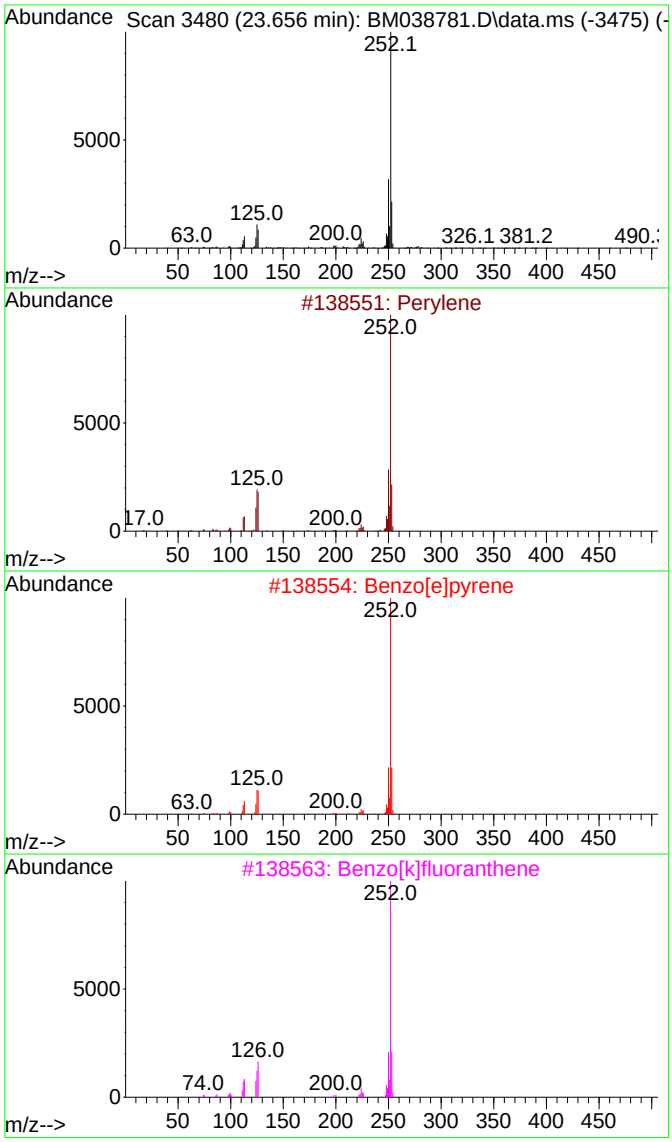
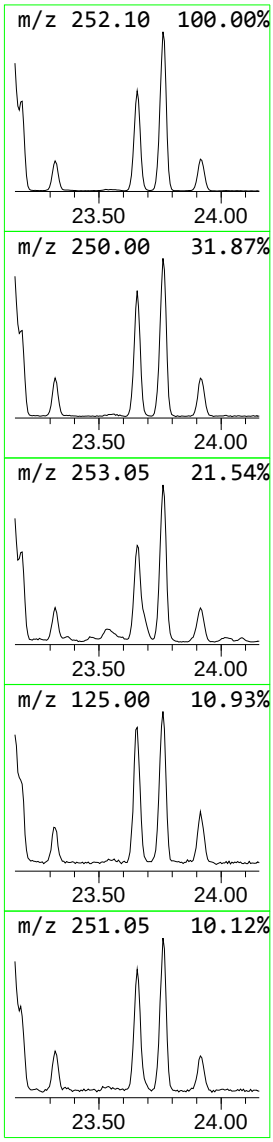
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.656	56.21 ng	1598220	Perylene-d12	23.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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-...	4.963	21.4	ng	359478	1	7.881	336513	20.0
Bicyclo[4.2.0]o...	5.846	33.1	ng	556979	1	7.881	336513	20.0
Benzene, 1-ethe...	7.540	56.9	ng	957052	1	7.881	336513	20.0
Benzene, 1-ethe...	7.616	23.2	ng	390702	1	7.881	336513	20.0
Indene	8.422	53.5	ng	900377	1	7.881	336513	20.0
Benzene, 2-ethe...	9.157	24.4	ng	410416	1	7.881	336513	20.0
Benzenemethanet...	9.716	42.4	ng	969369	2	10.698	457288	20.0
Benzene,1-methy...	10.122	22.2	ng	507717	2	10.698	457288	20.0
Benzene, 1-buty...	10.228	25.9	ng	591063	2	10.698	457288	20.0
o-Cymene	11.210	44.6	ng	1019320	2	10.698	457288	20.0
p-Cymene	11.345	47.7	ng	1090180	2	10.698	457288	20.0
Benzene, 1-ethy...	12.504	14.9	ng	339849	2	10.698	457288	20.0
Benzenemethanet...	13.422	14.3	ng	466619	3	14.539	653704	20.0
Phenanthrene, 1...	18.168	33.1	ng	1306660	4	17.286	789530	20.0
Anthracene, 2-m...	18.215	28.1	ng	1110910	4	17.286	789530	20.0
4H-Cyclopenta[d...	18.362	35.1	ng	1385600	4	17.286	789530	20.0
9,10-Anthracene...	18.715	16.2	ng	638431	4	17.286	789530	20.0
9,10-Dimethylan...	19.080	14.0	ng	552678	4	17.286	789530	20.0
Benzo[e]pyrene	23.321	13.4	ng	380052	6	23.868	568658	20.0
Perylene	23.656	56.2	ng	1598220	6	23.868	568658	20.0