LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.951	294	300	308	rBV	279472	406242	3.06%	0.289%
2	5.440	377	383	405	rBV	2334745	3649428	27.45%	2.599%
3	6.387	539	544	558	rBV	62540	153239	1.15%	0.109%
4	7.069	653	660	683	rBV	2210634	3843149	28.91%	2.737%
5	7.857	785	794	810	rBV	736642	1219570	9.17%	0.869%
6	9.028	986	993	1016	rBV	1290404	2363102	17.78%	1.683%
7	10.669	1259	1272	1278	rBV	923515	1683734	12.67%	1.199%
8	10.716	1278	1280	1286	rVB	98439	150523	1.13%	0.107%
9	10.851	1296	1303	1322	rBV	2059715	3721304	28.00%	2.651%
10	13.133	1684	1691	1712	rVB	3512095	5193218	39.07%	3.699%
11	14.068	1844	1850	1854	rBV2	100929	161581	1.22%	0.115%
12	14.239	1873	1879	1892	rBV	354447	614187	4.62%	0.437%
13	14.445	1910	1914	1919	rBV	84950	181955	1.37%	0.130%
14	14.515	1920	1926	1932	rVV	1361205	2163737	16.28%	1.541%
15	14.574	1932	1936	1944	rVB	269693	430512	3.24%	0.307%
16	14.910	1988	1993	2003	rBV	135494	223740	1.68%	0.159%
17	15.562	2098	2104	2115	rVB	234488	405740	3.05%	0.289%
18	15.874	2150	2157	2169	rVB2	186751	423381	3.19%	0.302%
19	16.009	2171	2180	2192	rBV	2689539	4072386	30.64%	2.901%
20	16.245	2212	2220	2231	rVB4	114446	282469	2.13%	0.201%
21	16.568	2268	2275	2278	rBV4	82004	191969	1.44%	0.137%
22	16.833	2317	2320	2330	rVB3	83969	146707	1.10%	0.104%
23	16.921	2331	2335	2342	rVV3	146933	266849	2.01%	0.190%
24	17.009	2344	2350	2355	rVV5	122699	295956	2.23%	0.211%
25	17.080	2358	2362	2372	rVB	179586	322692	2.43%	0.230%
26	17.262	2388	2393	2397	rBV	1606865	2446303	18.40%	1.742%
27	17.304	2397	2400	2409	rVV	3438086	5031431	37.85%	3.584%
28	17.398	2411	2416	2421	rVV	1132351	1612652	12.13%	1.149%
29	17.456	2422	2426	2432	rVB2	99913	204204	1.54%	0.145%
30	17.680	2456	2464	2471	rBV	326618	690645	5.20%	0.492%
31	17.786	2479	2482	2488	rVB2	139415	181037	1.36%	0.129%
32	17.845	2489	2492	2501	rVB3	93311	173353	1.30%	0.123%
33	18.145	2538	2543	2544	rBV	511676	678817	5.11%	0.484%
34	18.168	2544	2547	2549	rBV	545088	647095	4.87%	0.461%
35	18.274	2561	2565	2570	rVB	325865	460825	3.47%	0.328%
36	18.339	2570	2576	2580	rBV2	947522	1788366	13.45%	1.274%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JPP-1-040723

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.374	2580	2582	2588	rVB	443156	545025	4.10%	0.388%
38	18.451	2592	2595	2600	rBV3	119872	185832	1.40%	0.132%
39	18.645	2624	2628	2632	rVB	417910	537604	4.04%	0.383%
40	18.692	2632	2636	2641	rVB	263957	341443	2.57%	0.243%
41	18.892	2666	2670	2674	rVB3	169751	226982	1.71%	0.162%
42	18.939	2675	2678	2681	rVV	144687	173430	1.30%	0.124%
43	18.980	2682	2685	2689	rVB2	147587	184575	1.39%	0.131%
44	19.062	2694	2699	2705	rBV	409699	871721	6.56%	0.621%
45	19.203	2719	2723	2731	rBV3	342949	640897	4.82%	0.457%
46	19.327	2738	2744	2751	rBV	8421767	11731521	88.26%	8.356%
47	19.445	2758	2764	2767	rBV3	488988	842498	6.34%	0.600%
48	19.568	2782	2785	2789	rBV	229301	274761	2.07%	0.196%
49	19.692	2796	2806	2814	rBV	7885601	13292604	100.00%	9.468%
50	19.762	2814	2818	2825	rVB2	389699	646680	4.86%	0.461%
51	19.892	2833	2840	2845	rBV	5318695	6975404	52.48%	4.969%
52	19.933	2845	2847	2853	rVB	379688	518405	3.90%	0.369%
53	20.015	2856	2861	2868	rBV2	484134	1214650	9.14%	0.865%
54	20.186	2880	2890	2895	rVB	1139565	2465459	18.55%	1.756%
55	20.286	2903	2907	2911	rBV	778832	991232	7.46%	0.706%
56	20.345	2912	2917	2921	rVV3	665319	1076505	8.10%	0.767%
57	20.486	2937	2941	2944	rBV	505421	652689	4.91%	0.465%
58	20.533	2945	2949	2953	rVV	472702	642103	4.83%	0.457%
59	20.939	3015	3018	3024	rVB	562047	776036	5.84%	0.553%
60	21.103	3043	3046	3049	rBV	448321	501491	3.77%	0.357%
61	21.139	3049	3052	3054	rBV	636684	783619	5.90%	0.558%
62	21.239	3066	3069	3079	rVB	630001	962764	7.24%	0.686%
63	21.444	3099	3104	3110	rBV2	5061085	10201600	76.75%	7.267%
64	21.497	3110	3113	3123	rVB	4106848	5569008	41.90%	3.967%
65	21.615	3129	3133	3140	rBV	811075	1280049	9.63%	0.912%
66	23.127	3383	3390	3395	rBV	3672135	9318620	70.10%	6.638%
67	23.303	3417	3420	3427	rVB	786686	1287445	9.69%	0.917%
68	23.638	3472	3477	3486	rVB	2441014	4850395	36.49%	3.455%
69	23.744	3489	3495	3502	rVB	3468630	6855194	51.57%	4.883%
70	23.850	3509	3513	3517	rVB2	852111	1342321	10.10%	0.956%
71	26.326	3928	3934	3947	rVB2	1710114	5149539	38.74%	3.668%

Sum of corrected areas: 140392199

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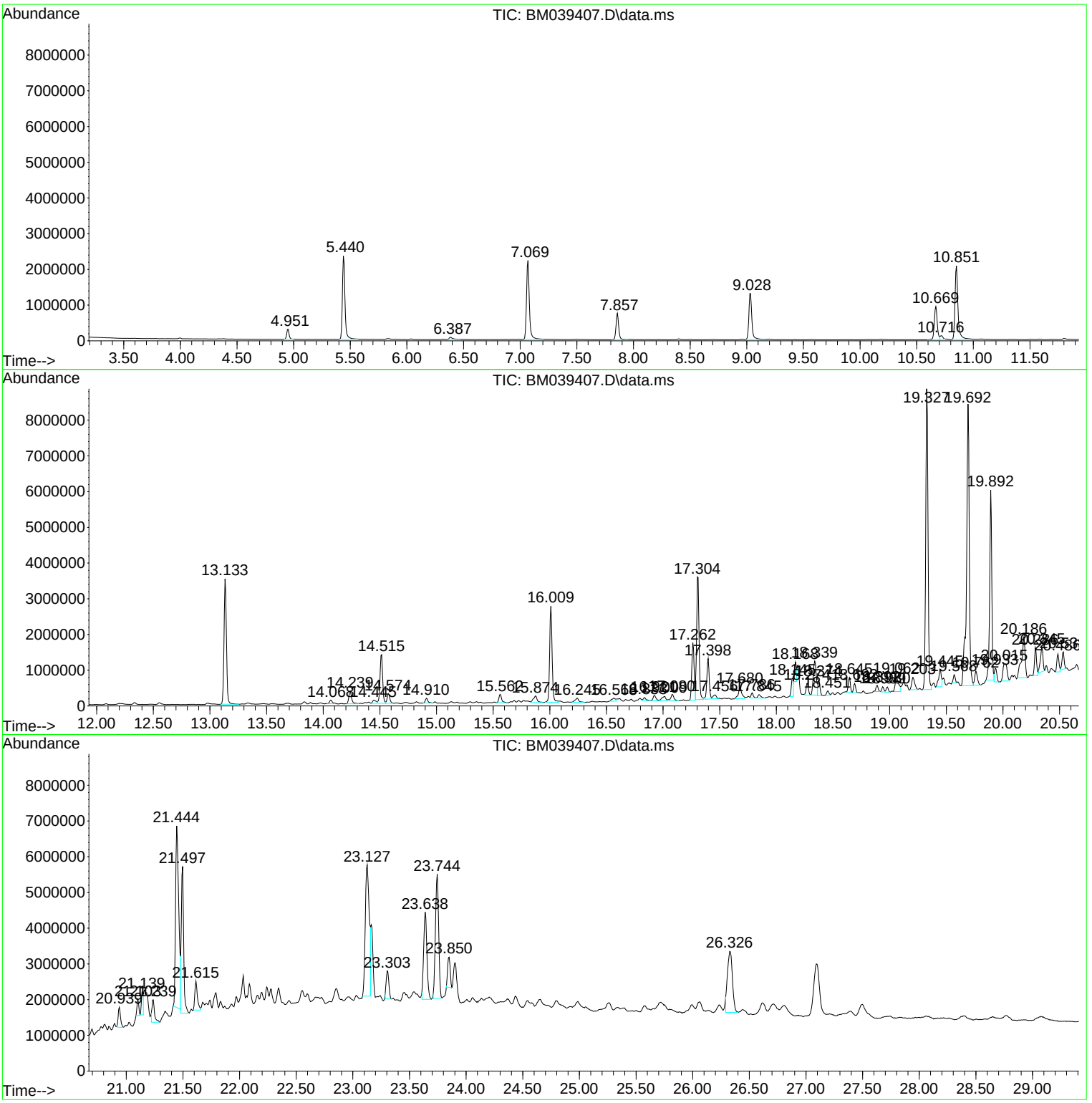
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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\BM041223\
Data File : BM039407.D
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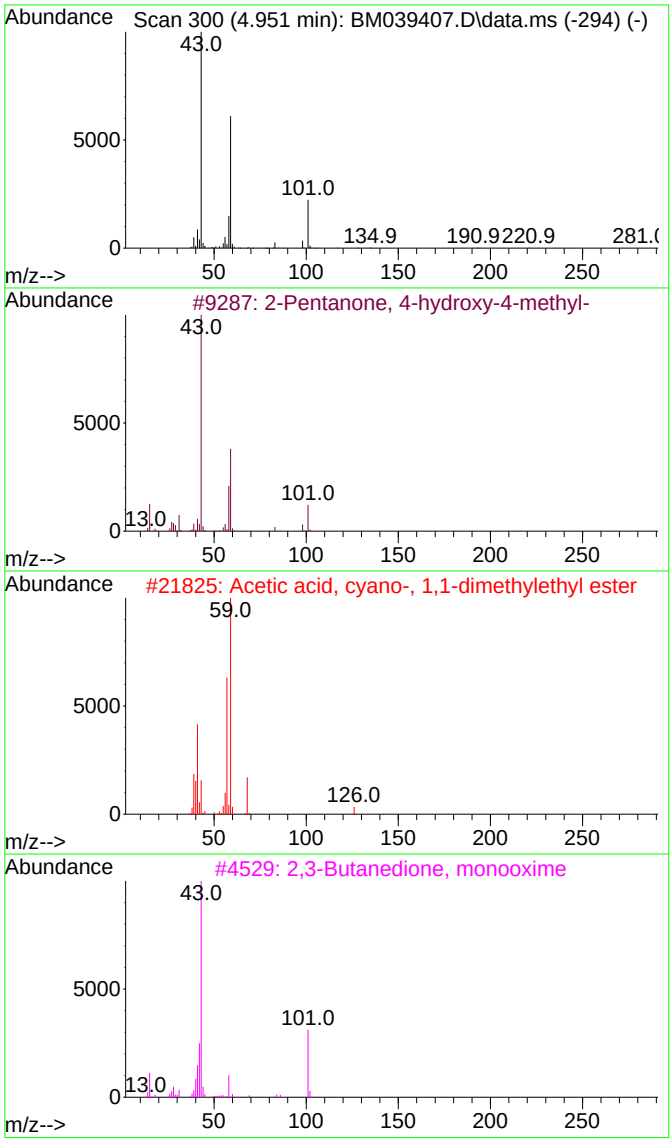
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

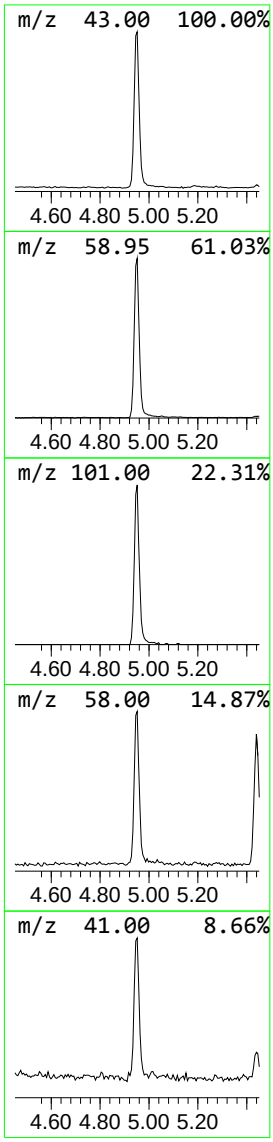
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.951	6.66 ng	406242	1,4-Dichlorobenzene-d4	7.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

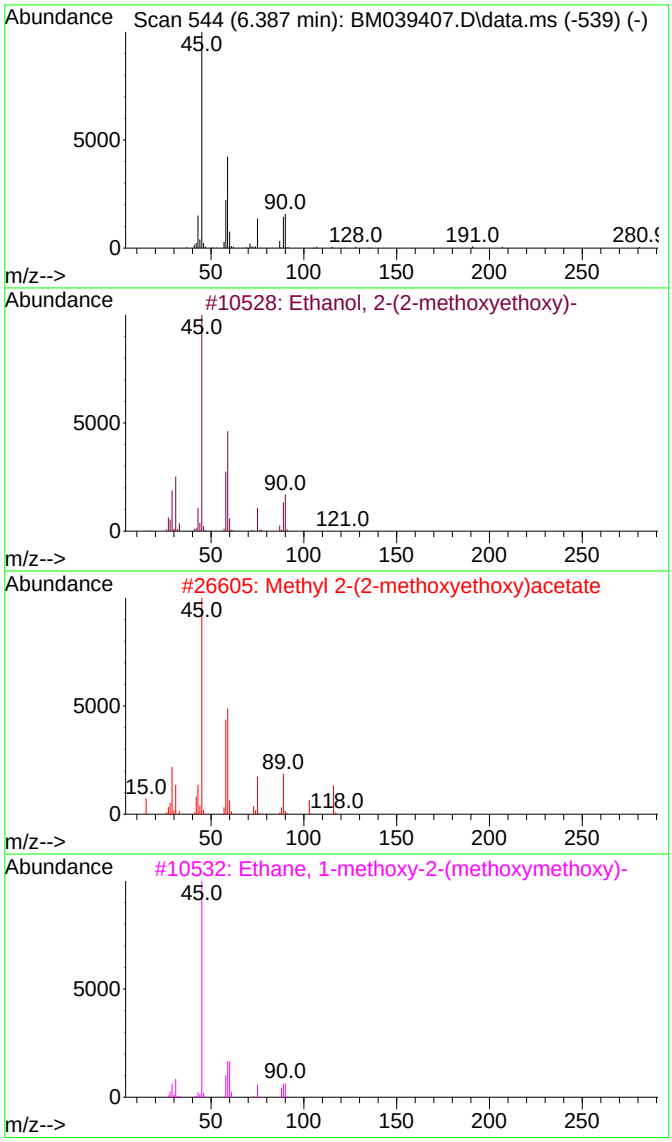
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

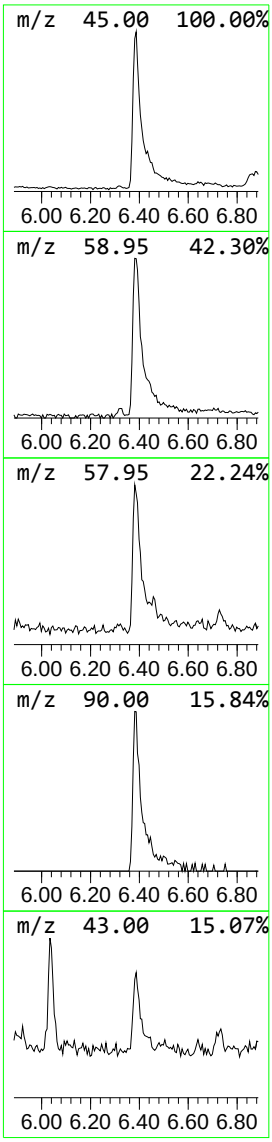
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	2.51 ng	153239	1,4-Dichlorobenzene-d4	7.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	90
2	Methyl 2-(2-methoxyethoxy)acetate	148	C6H12O4	1000366-88-1	50
3	Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	50
4	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	39
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
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Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

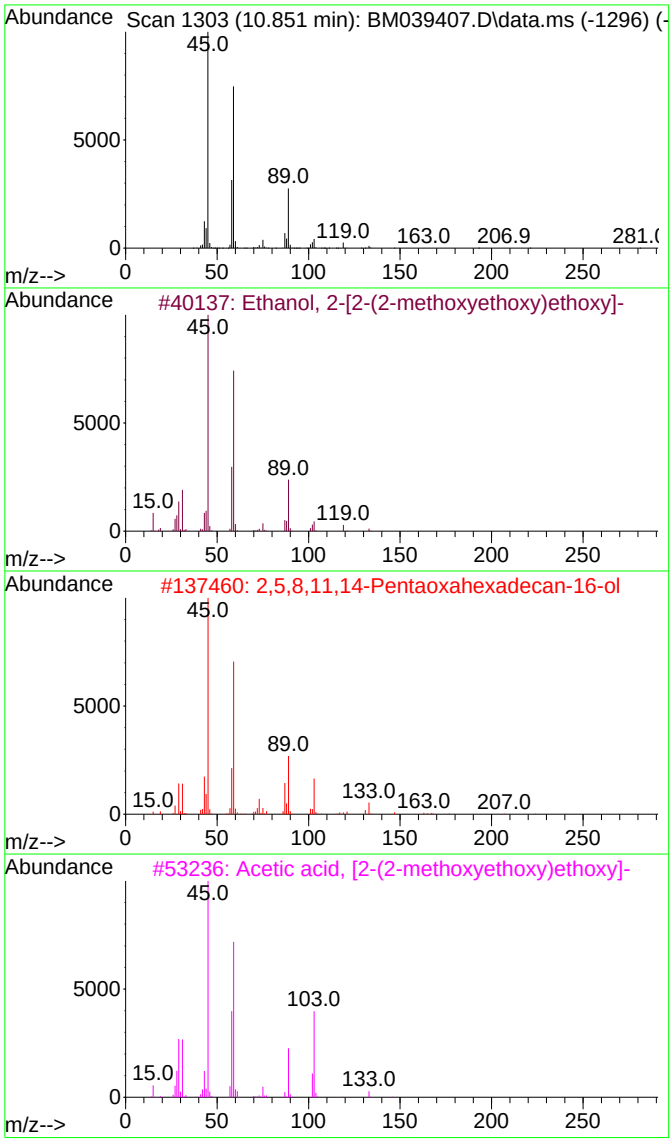
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

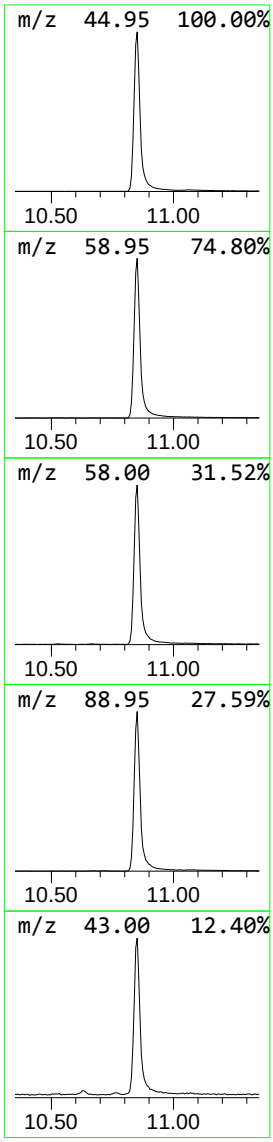
****

Peak Number 3 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	44.20 ng	3721300	Naphthalene-d8	10.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	90
2	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	74
3	Acetic acid, [2-(2-methoxyethoxy...	178	C7H14O5	016024-58-1	72
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	64
5	Propane, 1,2,3-trimethoxy-	134	C6H14O3	020637-49-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
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Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

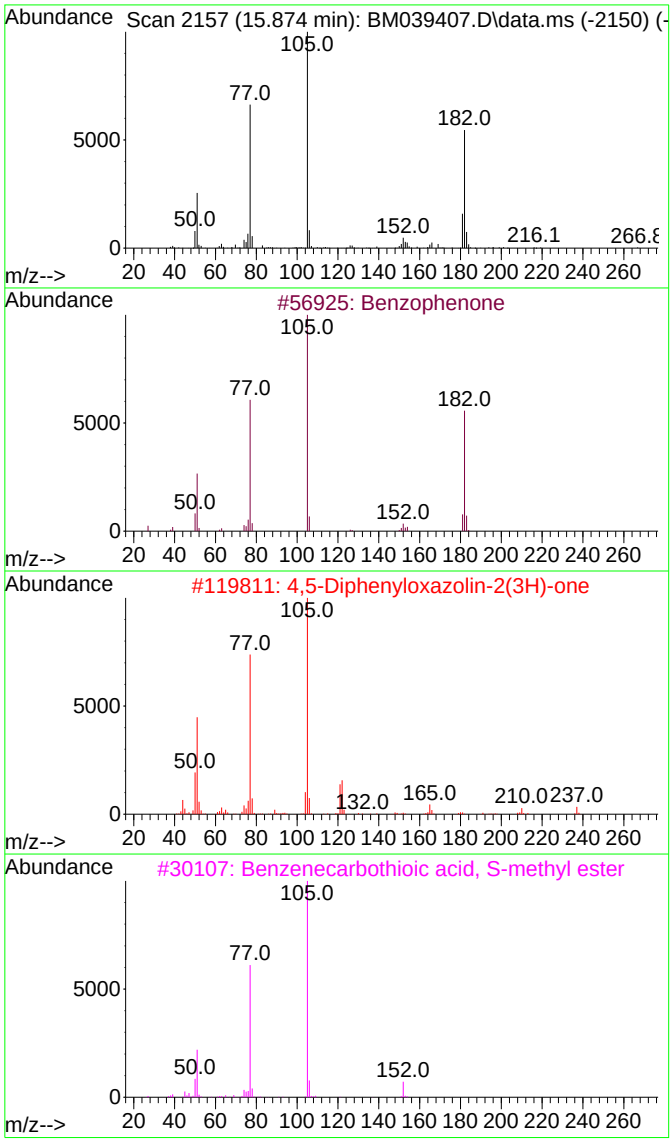
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

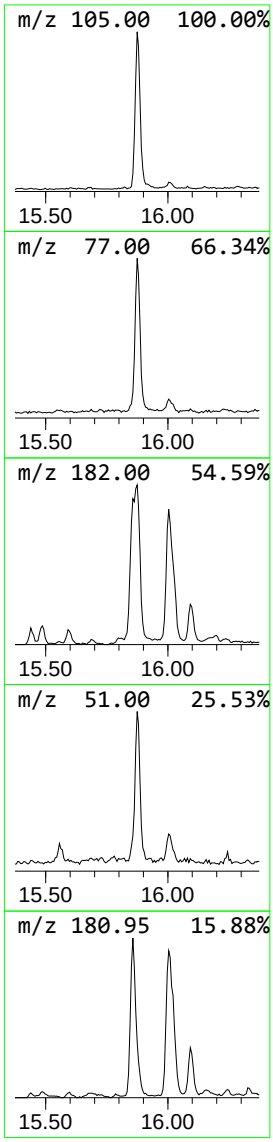
****

Peak Number 4 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	3.91 ng	423381	Acenaphthene-d10	14.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	4,5-Diphenyloxazolin-2(3H)-one	237	C15H11NO2	005014-83-5	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5	Thiophene, 2,3-dimethyl-4-cyano-...	256	C14H12N2OS	313533-21-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

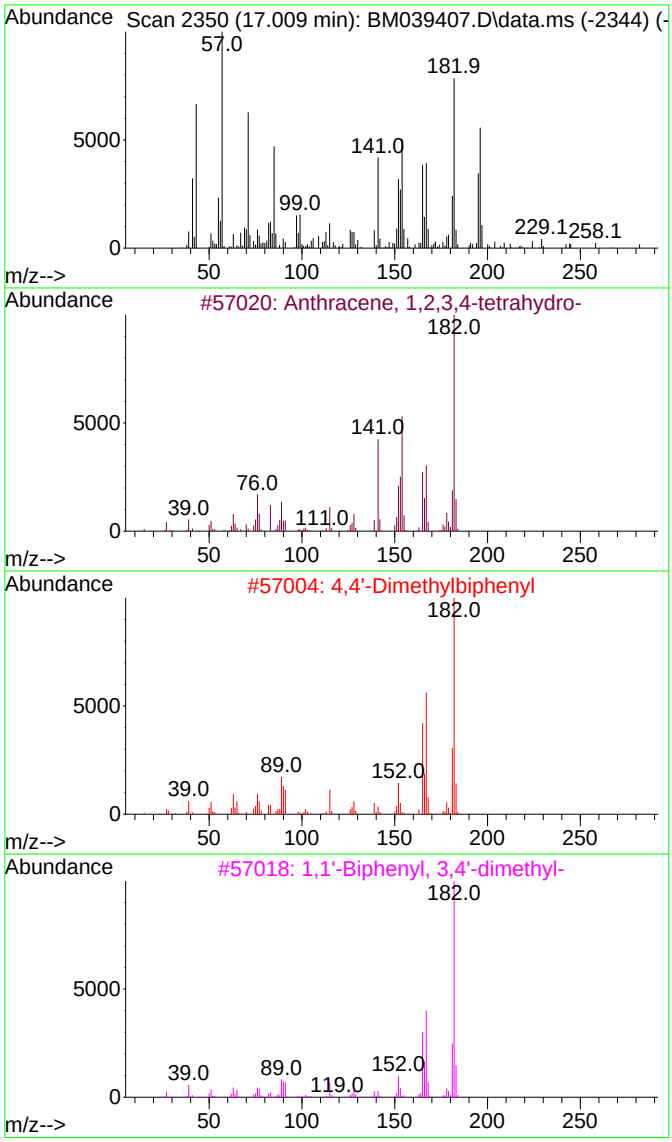
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

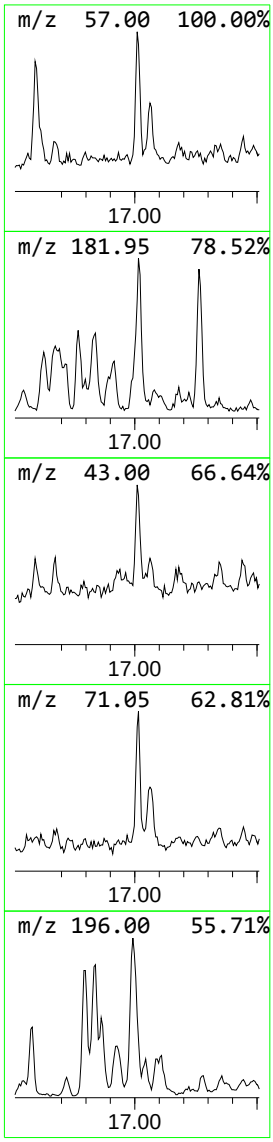
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.009	2.42 ng	295956	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	60
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	38
5	7-Phosphabicyclo[2.2.1]hept-2-en...	182	C11H19P	1000151-83-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

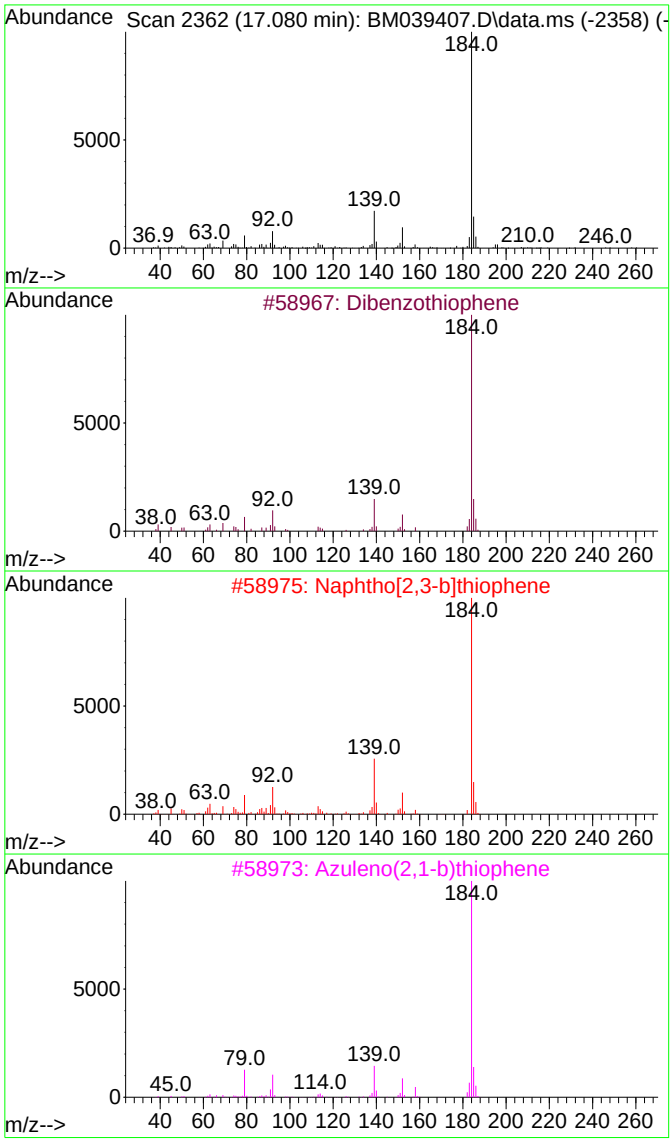
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

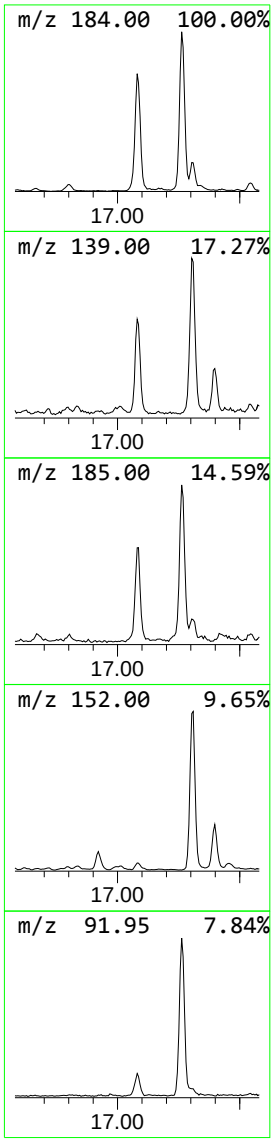
****

Peak Number 6 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	2.64 ng	322692	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	80
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

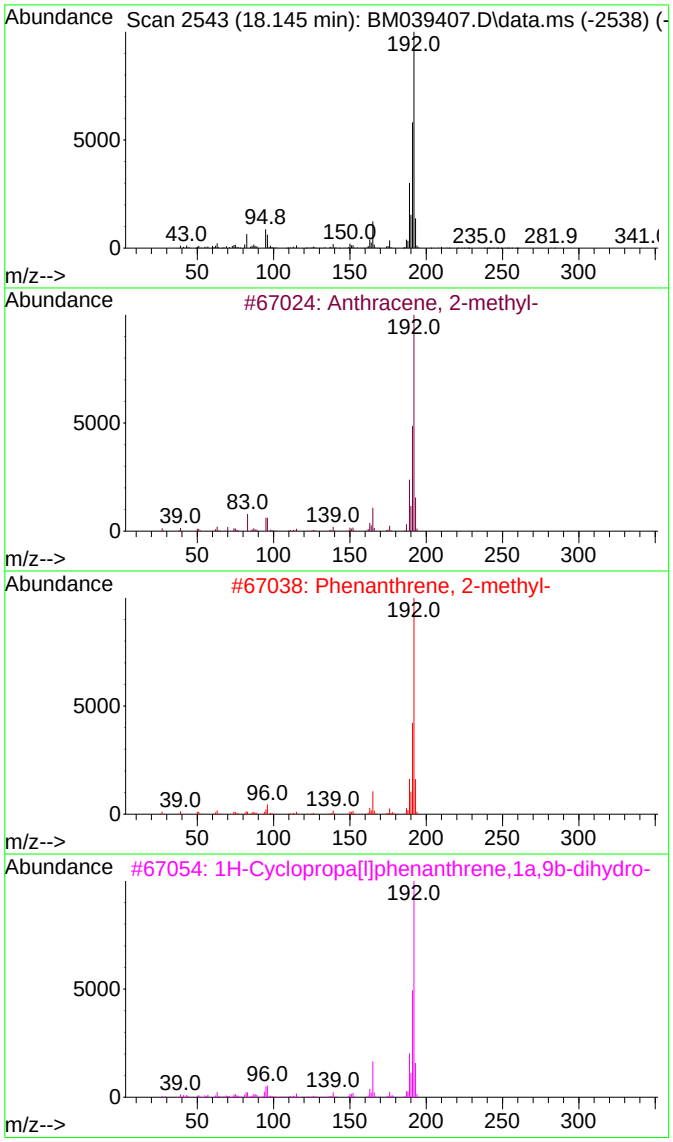
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

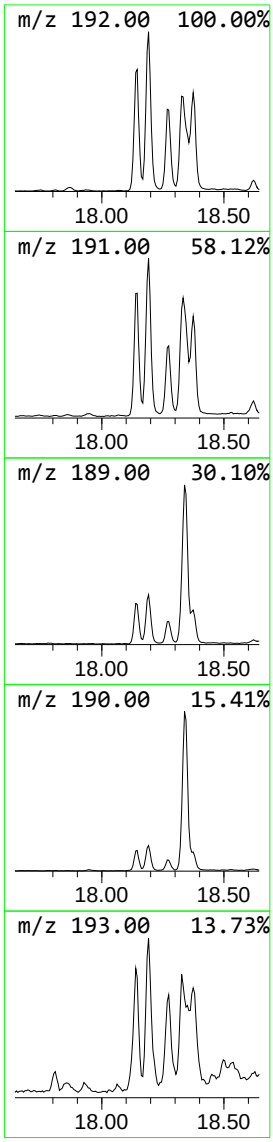
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	5.55 ng	678817	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG/JU
Sample : 02262-07
Misc :
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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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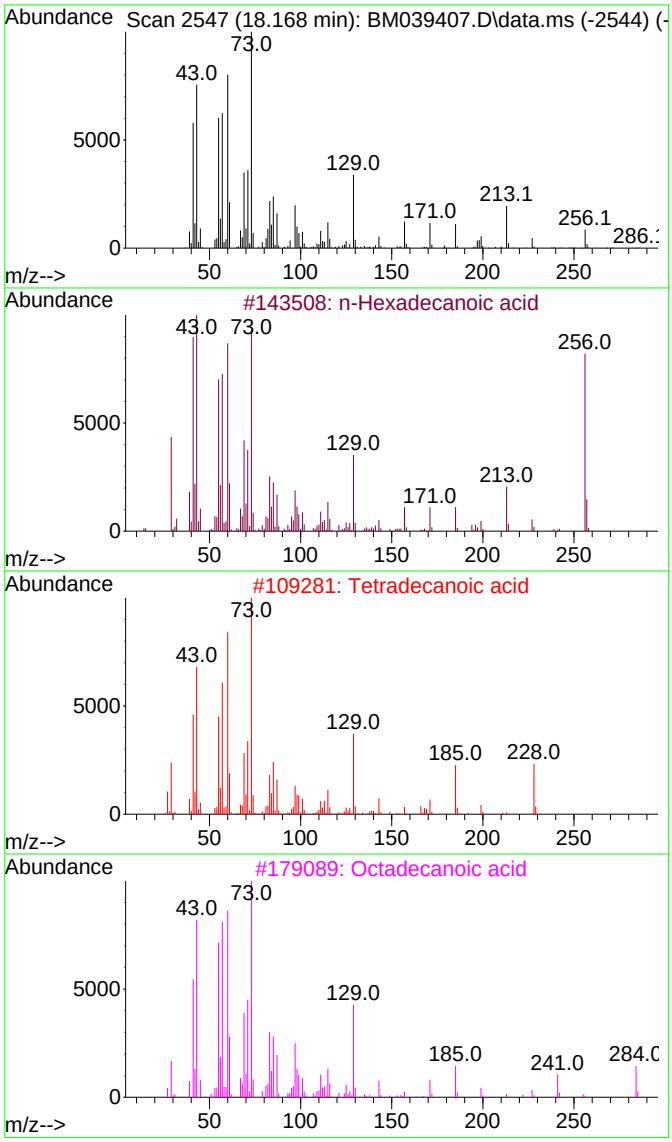
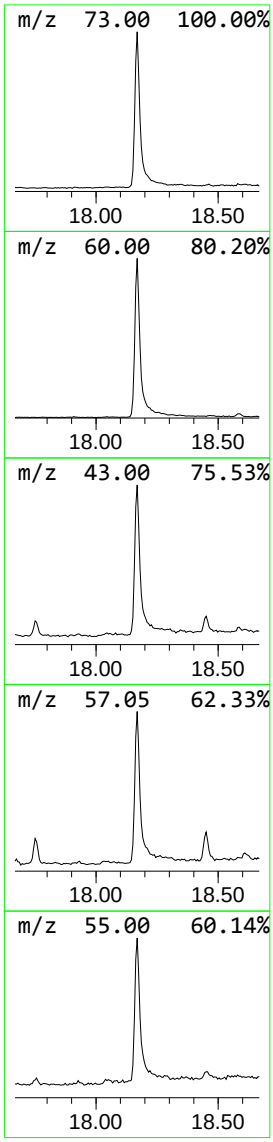
Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	5.29 ng	647095	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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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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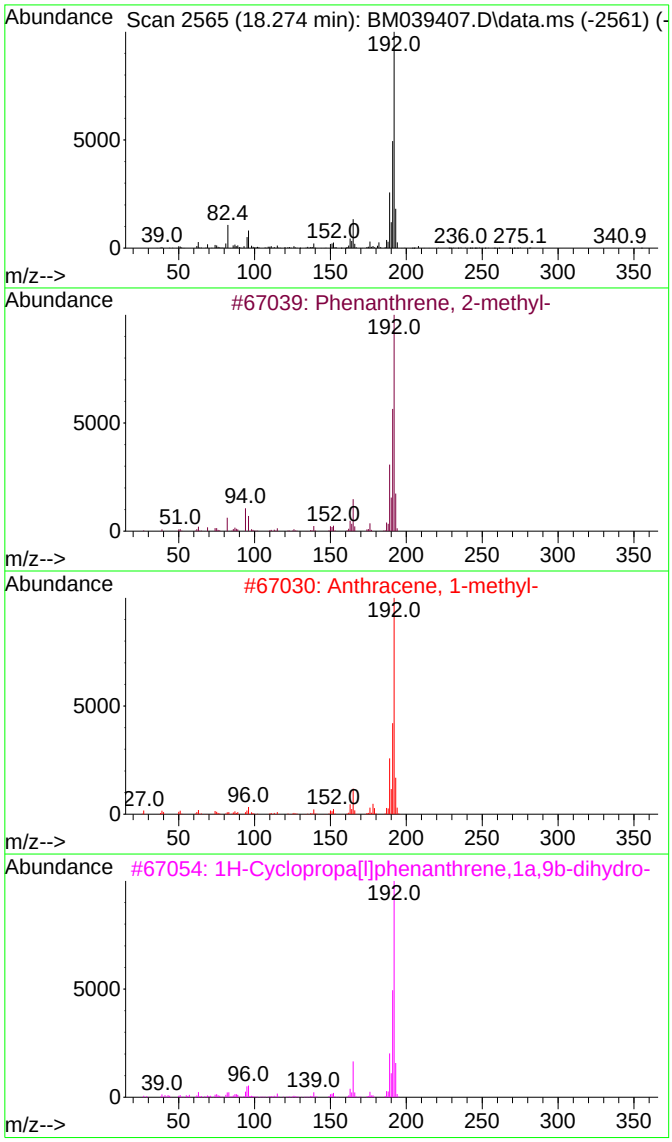
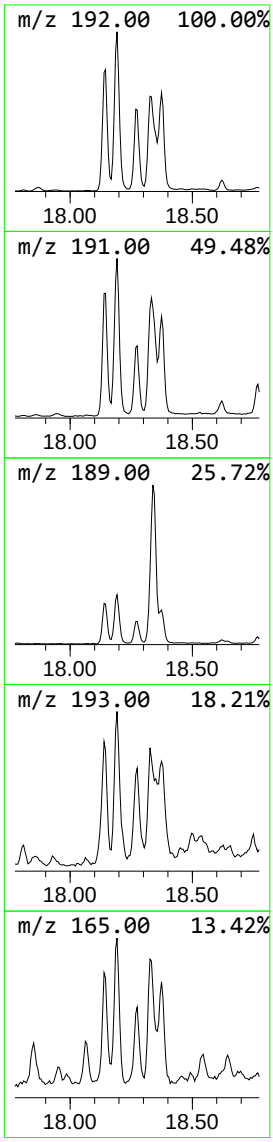
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	3.77 ng	460825	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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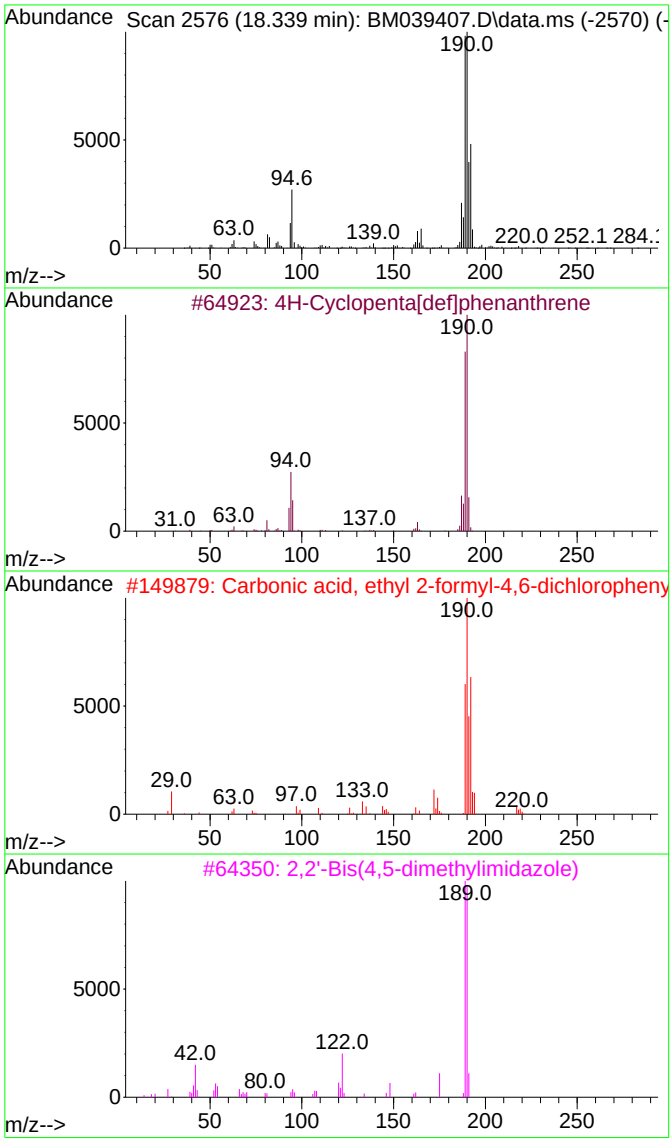
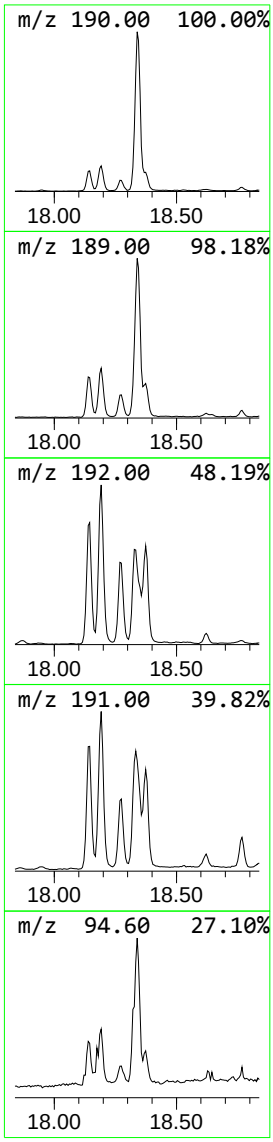
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	14.62 ng	1788370	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	23
4	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	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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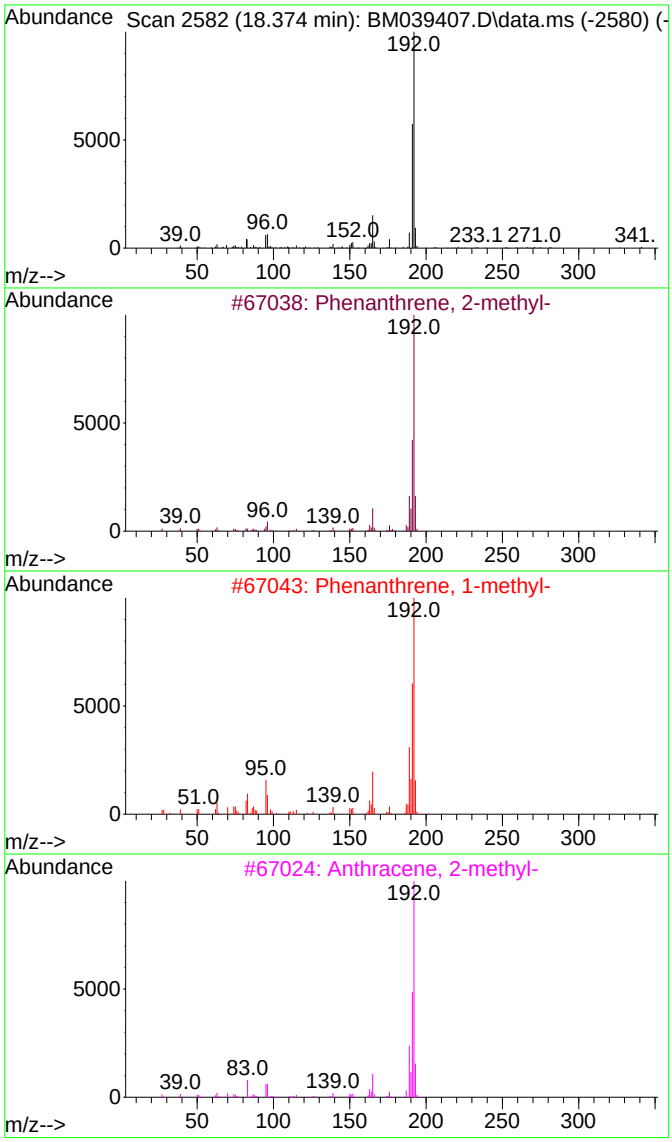
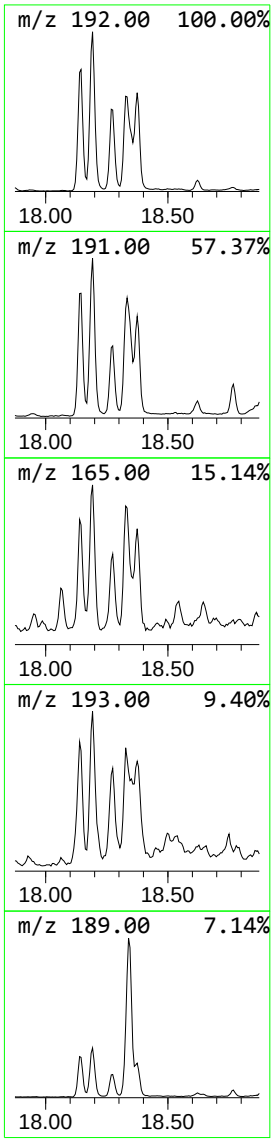
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	4.46 ng	545025	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





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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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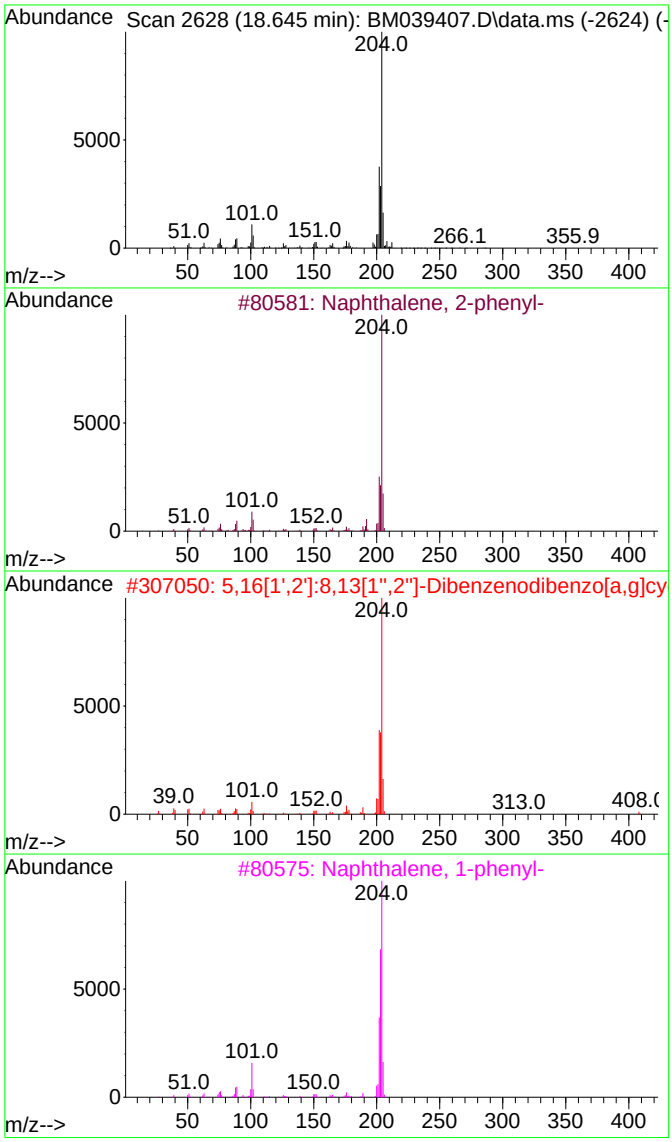
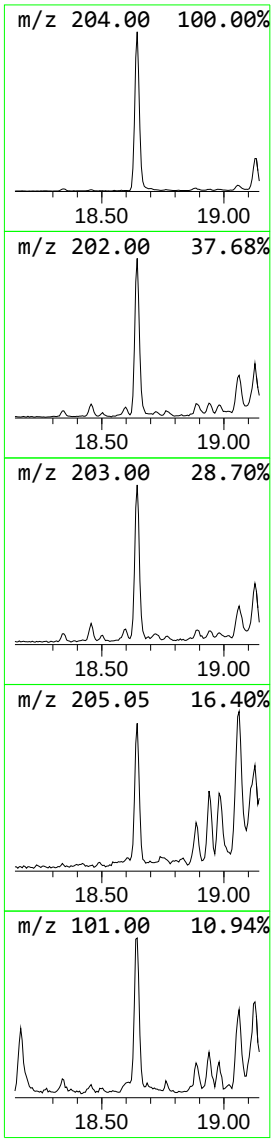
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	4.40 ng	537604	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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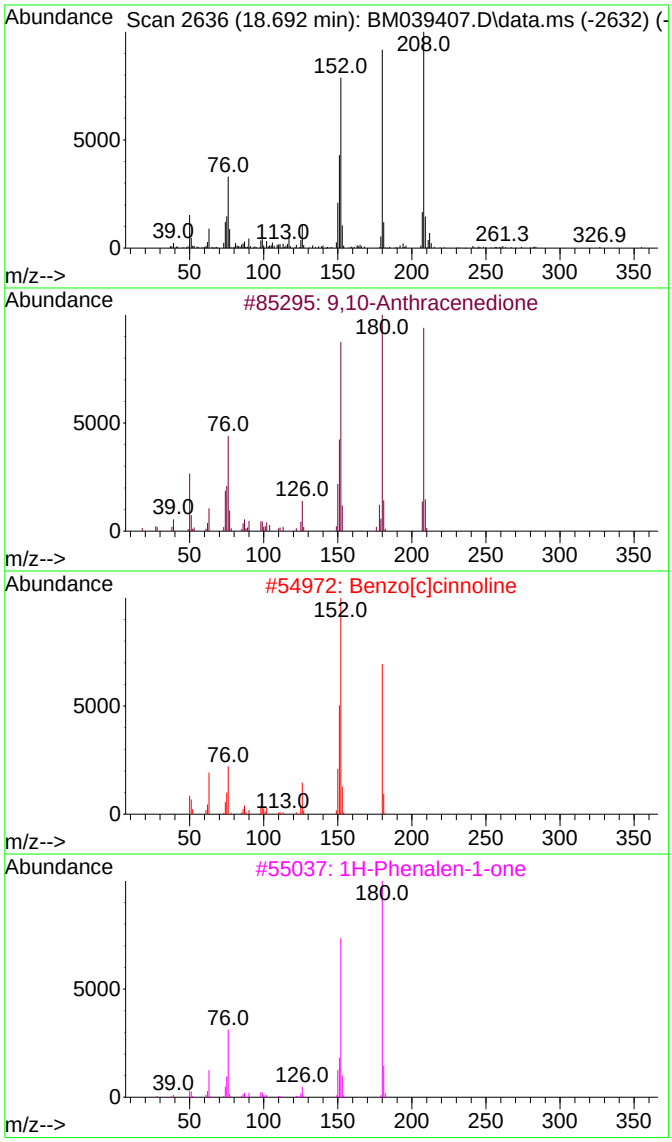
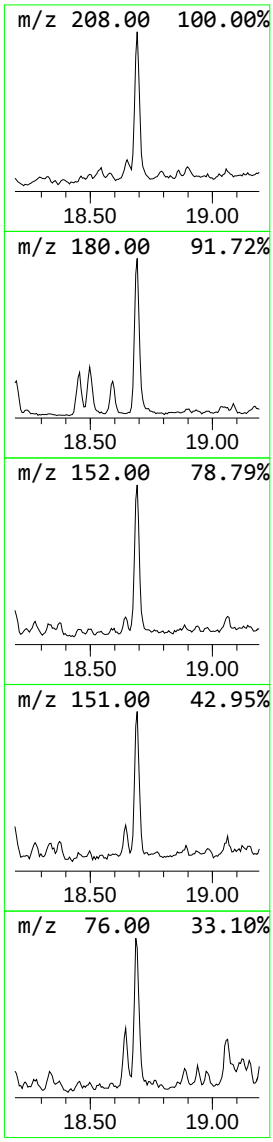
Peak Number 13 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	2.79 ng	341443	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	49
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	49





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

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

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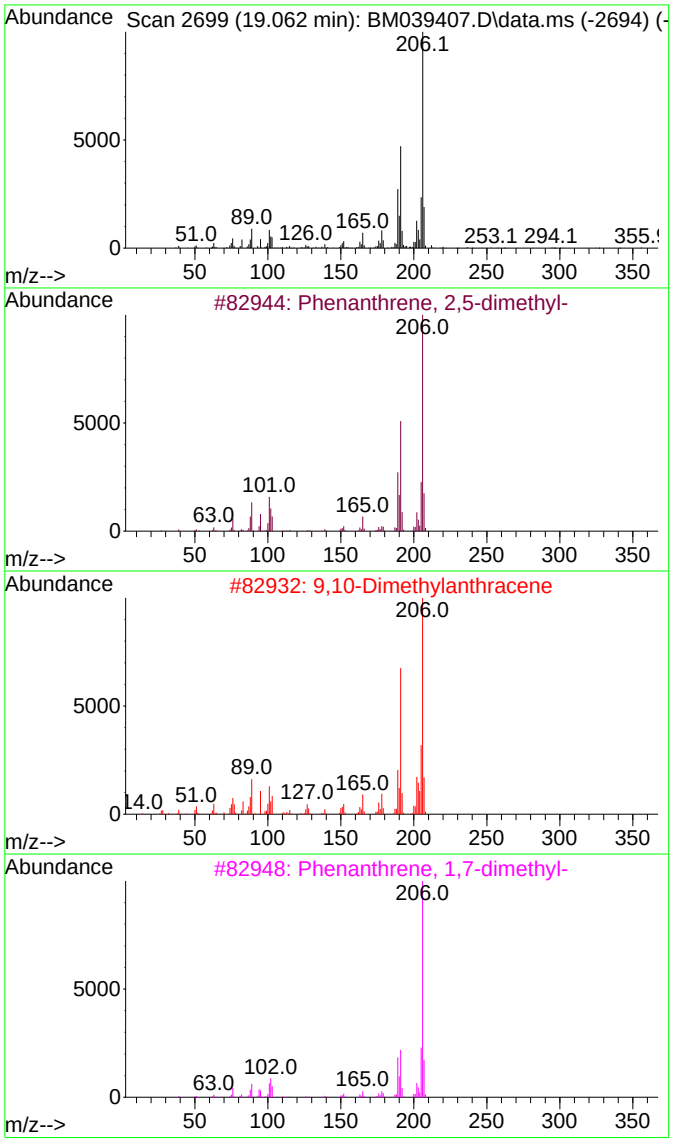
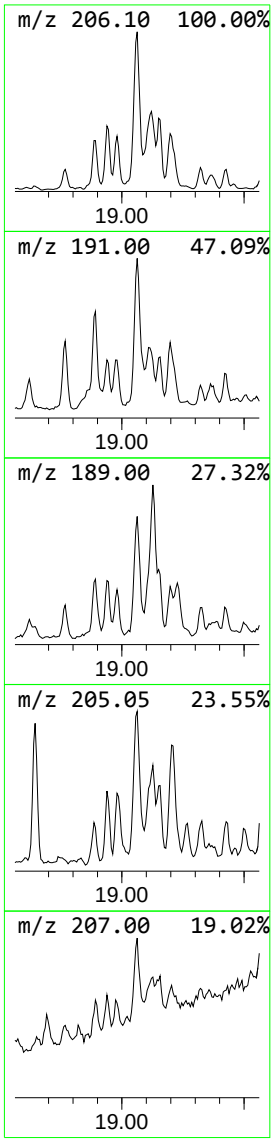
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.062	7.13 ng	871721	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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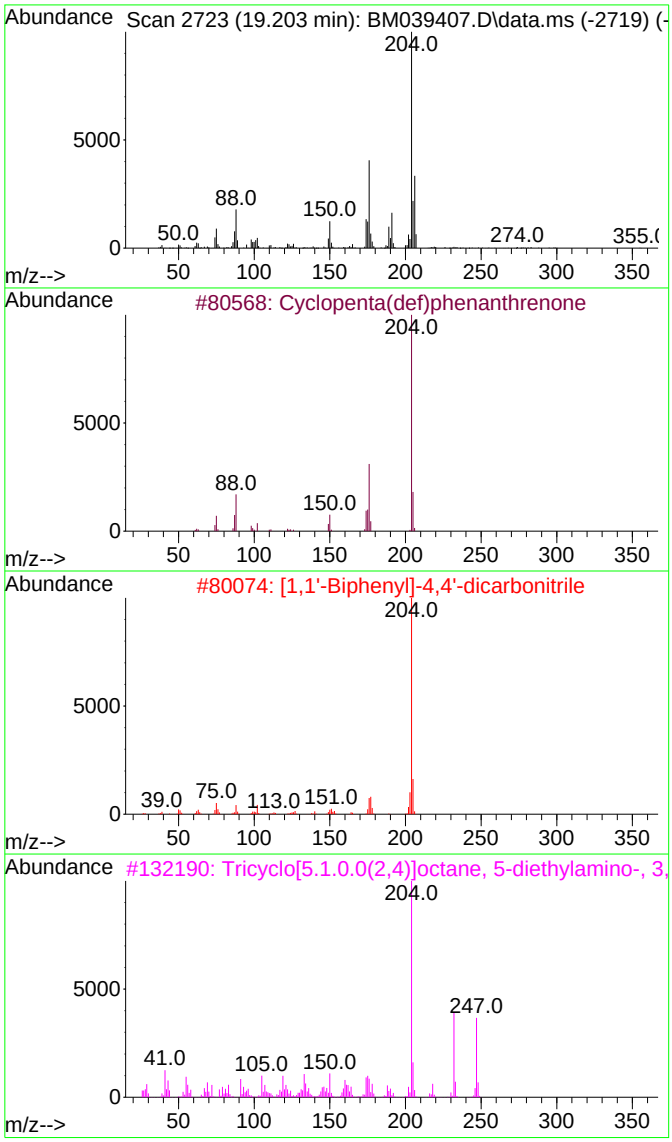
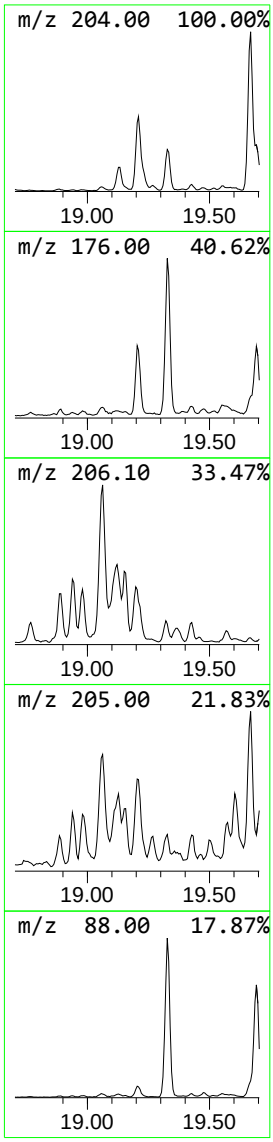
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	5.24 ng	640897	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43





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TIC Library : C:\Database\NIST20.L
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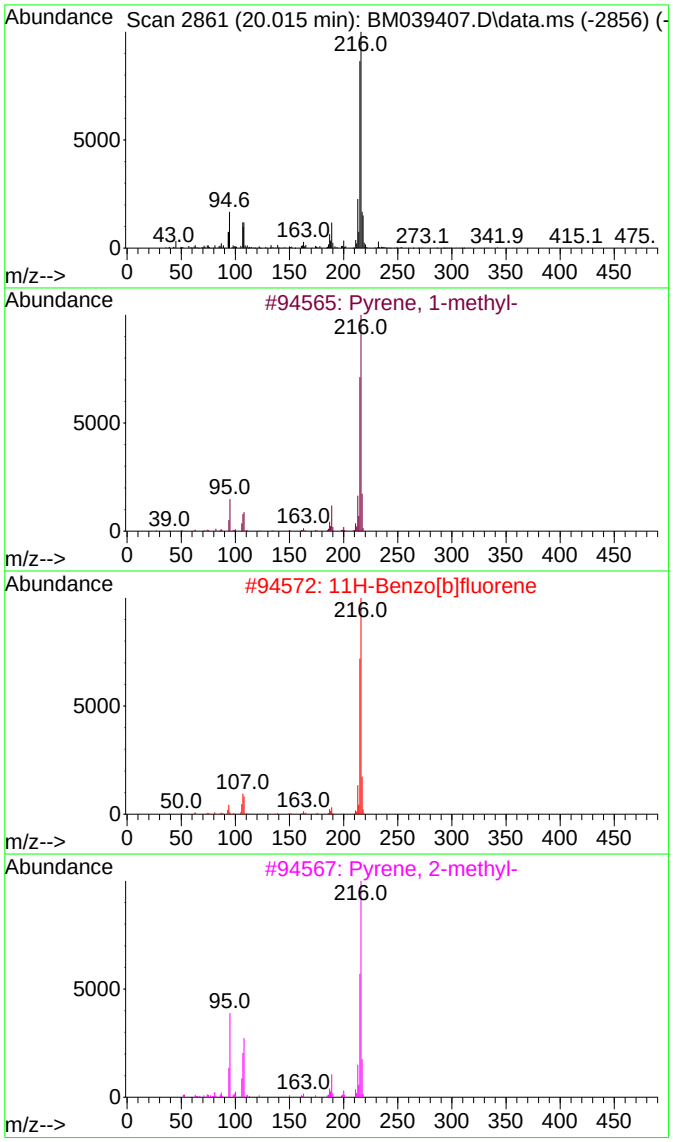
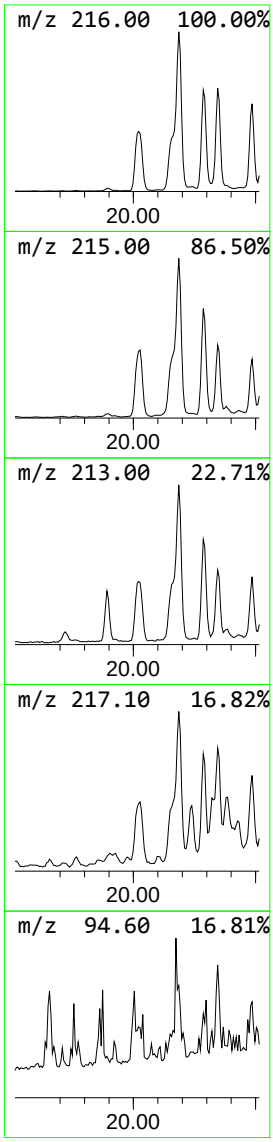
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.015	2.38 ng	1214650	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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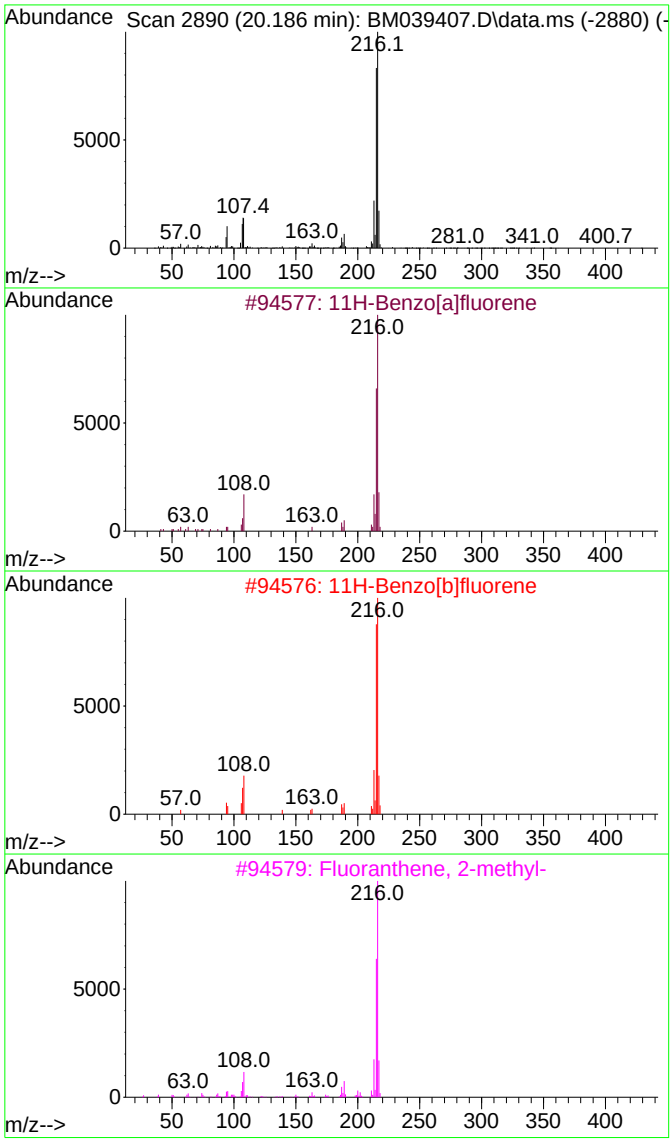
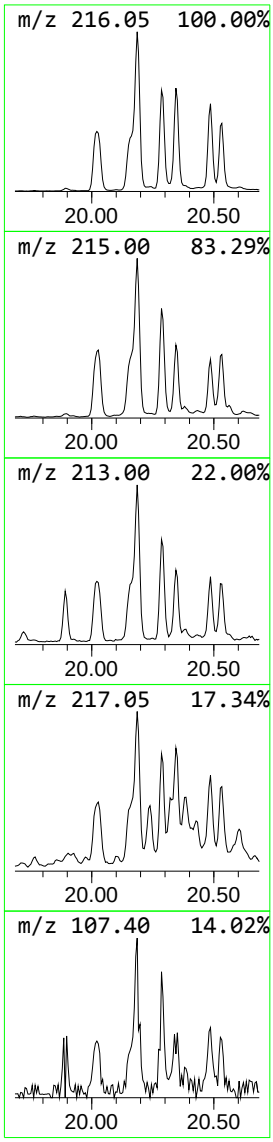
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	4.83 ng	2465460	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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TIC Library : C:\Database\NIST20.L
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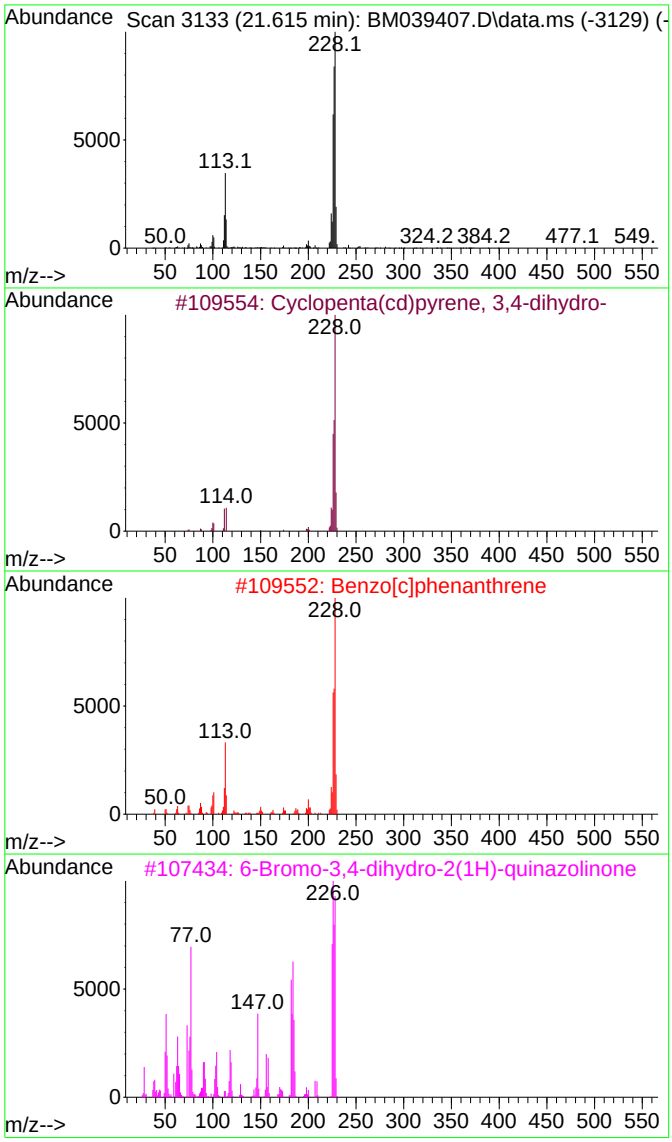
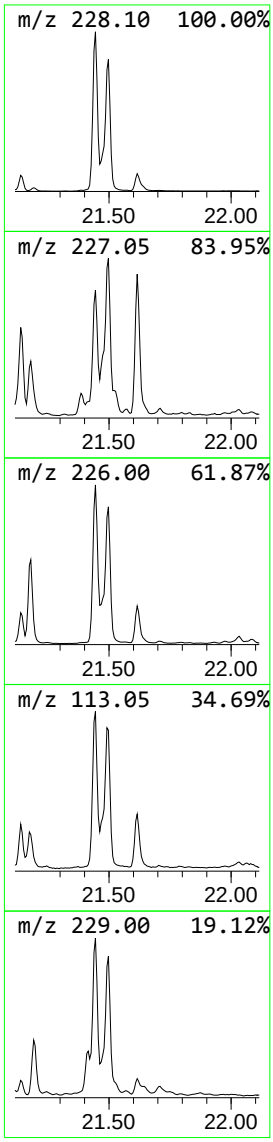
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.615	2.51 ng	1280050	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	53
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	49





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Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

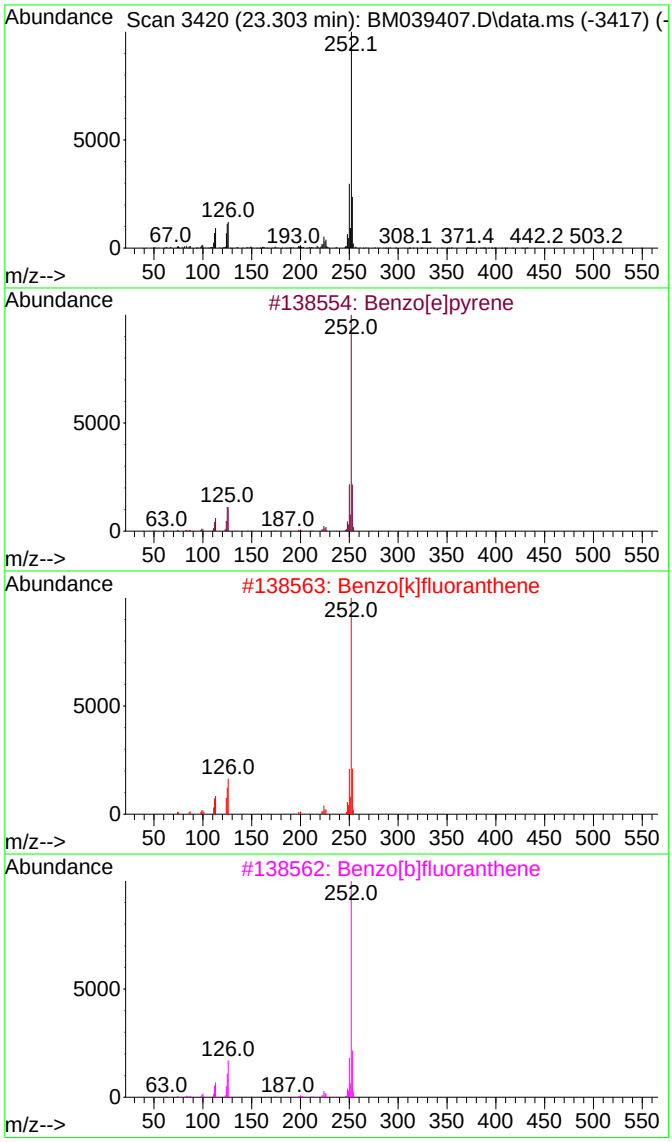
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

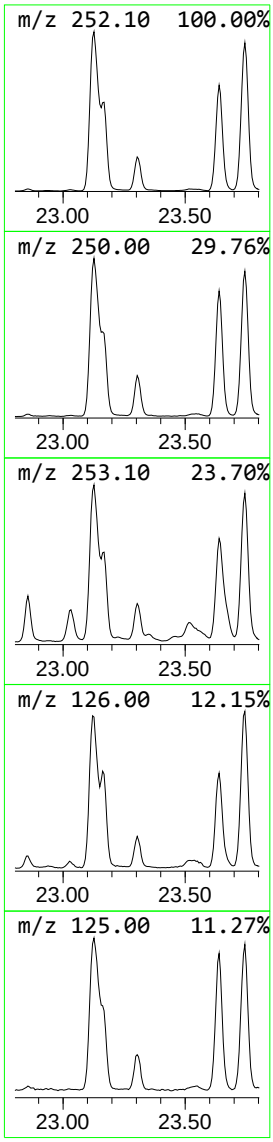
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.303	19.18 ng	1287450	Perylene-d12	23.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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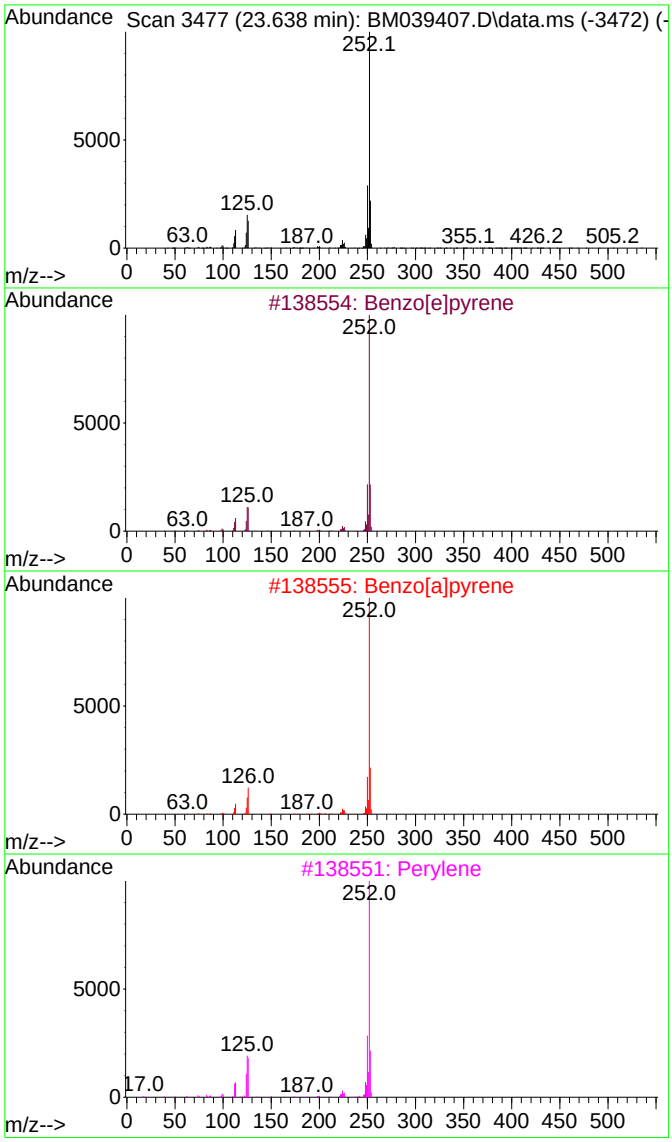
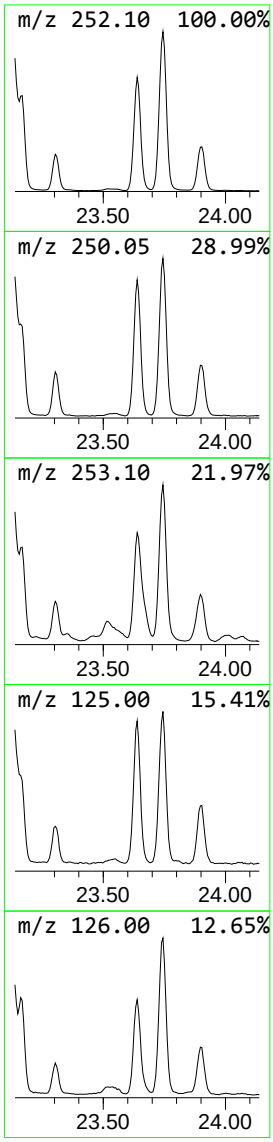
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.638	72.27 ng	4850400	Perylene-d12	23.850

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	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039407.D
Acq On : 12 Apr 2023 17:23
Operator : CG/JU
Sample : 02262-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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-...	4.951	6.7	ng	406242	1	7.857	1219570	20.0
Ethanol, 2-(2-m...	6.387	2.5	ng	153239	1	7.857	1219570	20.0
Ethanol, 2-[2-(...	10.851	44.2	ng	3721300	2	10.669	1683730	20.0
Benzophenone	15.874	3.9	ng	423381	3	14.515	2163740	20.0
Anthracene, 1,2...	17.009	2.4	ng	295956	4	17.262	2446300	20.0
Dibenzothiophene	17.080	2.6	ng	322692	4	17.262	2446300	20.0
Anthracene, 2-m...	18.145	5.5	ng	678817	4	17.262	2446300	20.0
n-Hexadecanoic ...	18.168	5.3	ng	647095	4	17.262	2446300	20.0
Phenanthrene, 2...	18.274	3.8	ng	460825	4	17.262	2446300	20.0
4H-Cyclopenta[d...	18.339	14.6	ng	1788370	4	17.262	2446300	20.0
Phenanthrene, 1...	18.374	4.5	ng	545025	4	17.262	2446300	20.0
Naphthalene, 2-...	18.645	4.4	ng	537604	4	17.262	2446300	20.0
9,10-Anthracene...	18.692	2.8	ng	341443	4	17.262	2446300	20.0
Phenanthrene, 2...	19.062	7.1	ng	871721	4	17.262	2446300	20.0
Cyclopenta(def)...	19.203	5.2	ng	640897	4	17.262	2446300	20.0
Pyrene, 1-methyl-	20.015	2.4	ng	1214650	5	21.456	10201600	20.0
11H-Benzo[a]flu...	20.186	4.8	ng	2465460	5	21.456	10201600	20.0
Cyclopenta(cd)p...	21.615	2.5	ng	1280050	5	21.456	10201600	20.0
Benzo[e]pyrene	23.303	19.2	ng	1287450	6	23.850	1342320	20.0
Perylene	23.638	72.3	ng	4850400	6	23.850	1342320	20.0