LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP3-1-6

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.010	152	157	164	rVB	104694	152400	1.03%	0.075%
2	4.963	311	319	329	rBV	102549	177216	1.20%	0.088%
3	5.428	391	398	417	rBV	6080362	8632485	58.23%	4.276%
4	7.040	665	672	688	rVB	5898451	9276232	62.57%	4.594%
5	7.857	803	811	819	rBV	1350425	2113611	14.26%	1.047%
6	9.034	1003	1011	1018	rBV	3578526	5951308	40.15%	2.948%
7	10.663	1279	1288	1294	rBV	1909415	3257930	21.98%	1.614%
8	10.716	1294	1297	1303	rVB	136598	207950	1.40%	0.103%
9	12.328	1563	1571	1581	rBV2	102701	223898	1.51%	0.111%
10	13.127	1700	1707	1720	rBV	8858074	12960267	87.43%	6.419%
11	13.822	1820	1825	1831	rBV	119752	222194	1.50%	0.110%
12	14.222	1887	1893	1899	rBV	630798	950683	6.41%	0.471%
13	14.498	1931	1940	1946	rBV	2954803	4342395	29.29%	2.151%
14	14.563	1946	1951	1959	rVB	394180	610019	4.11%	0.302%
15	14.898	2002	2008	2016	rVB	270110	413116	2.79%	0.205%
16	15.110	2038	2044	2049	rBV2	84556	167395	1.13%	0.083%
17	15.545	2113	2118	2130	rVB	466058	748272	5.05%	0.371%
18	15.839	2163	2168	2175	rVB	168648	253344	1.71%	0.125%
19	15.992	2185	2194	2201	rBV	7582014	11037136	74.45%	5.467%
20	16.221	2227	2233	2240	rVB4	192895	383780	2.59%	0.190%
21	16.551	2279	2289	2293	rBV4	176579	437336	2.95%	0.217%
22	16.598	2293	2297	2302	rVB2	105454	172662	1.16%	0.086%
23	16.698	2311	2314	2320	rVB3	92098	163700	1.10%	0.081%
24	16.774	2320	2327	2330	rBV3	146917	255698	1.72%	0.127%
25	16.815	2331	2334	2338	rVB3	145446	176633	1.19%	0.087%
26	16.898	2343	2348	2354	rVB	372783	554452	3.74%	0.275%
27	16.974	2356	2361	2362	rBV	138156	183772	1.24%	0.091%
28	17.063	2371	2376	2385	rVB	388145	641803	4.33%	0.318%
29	17.245	2401	2407	2410	rBV	3380804	4791294	32.32%	2.373%
30	17.286	2410	2414	2420	rVV	6571006	8923585	60.20%	4.420%
31	17.374	2424	2429	2434	rVV	1641129	2190443	14.78%	1.085%
32	17.433	2434	2439	2444	rVV3	167706	307484	2.07%	0.152%
33	17.651	2468	2476	2487	rBV2	509296	976299	6.59%	0.484%
34	17.762	2492	2495	2501	rVV2	185183	249479	1.68%	0.124%
35	17.821	2501	2505	2508	rVV3	226011	317154	2.14%	0.157%
36	17.862	2508	2512	2517	rVB	411151	548513	3.70%	0.272%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP3-1-6

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.962	2526	2529	2538	rVB	116843	204012	1.38%	0.101%
38	18.121	2551	2556	2559	rBV	999410	1555659	10.49%	0.771%
39	18.168	2560	2564	2569	rVB	1405595	2034707	13.73%	1.008%
40	18.245	2573	2577	2582	rVB	470780	670515	4.52%	0.332%
41	18.315	2583	2589	2593	rVV2	1492602	2786143	18.79%	1.380%
42	18.351	2593	2595	2601	rVB	783631	877626	5.92%	0.435%
43	18.433	2605	2609	2612	rBV2	181171	230104	1.55%	0.114%
44	18.515	2619	2623	2627	rBV3	130322	191497	1.29%	0.095%
45	18.621	2636	2641	2644	rBV	776016	977525	6.59%	0.484%
46	18.662	2644	2648	2654	rVB2	717044	957176	6.46%	0.474%
47	18.862	2679	2682	2686	rBV	234414	295011	1.99%	0.146%
48	18.915	2688	2691	2694	rVV	278065	329053	2.22%	0.163%
49	18.957	2694	2698	2701	rVB2	270702	359454	2.42%	0.178%
50	19.033	2707	2711	2716	rBV	703435	1214362	8.19%	0.601%
51	19.127	2725	2727	2731	rVB	265802	283751	1.91%	0.141%
52	19.180	2731	2736	2743	rBV3	603980	1044487	7.05%	0.517%
53	19.304	2751	2757	2763	rVB	11394655	14824398	100.00%	7.342%
54	19.362	2764	2767	2770	rVV2	225133	272271	1.84%	0.135%
55	19.398	2770	2773	2778	rVV	255878	322919	2.18%	0.160%
56	19.451	2778	2782	2785	rBV	372554	449758	3.03%	0.223%
57	19.545	2794	2798	2801	rBV	324390	427998	2.89%	0.212%
58	19.633	2808	2813	2814	rBV	1673752	2068194	13.95%	1.024%
59	19.662	2814	2818	2826	rVV	9272173	13530304	91.27%	6.702%
60	19.733	2826	2830	2837	rVB3	558777	862893	5.82%	0.427%
61	19.868	2845	2853	2857	rBV	11500112	14307135	96.51%	7.086%
62	19.986	2868	2873	2880	rBV3	704701	1716137	11.58%	0.850%
63	20.121	2891	2896	2897	rBV3	585004	813196	5.49%	0.403%
64	20.156	2898	2902	2908	rVB	1479916	2268419	15.30%	1.124%
65	20.256	2915	2919	2923	rBV	871026	1080882	7.29%	0.535%
66	20.315	2923	2929	2933	rVV2	939630	1566471	10.57%	0.776%
67	20.456	2949	2953	2956	rBV	589955	755006	5.09%	0.374%
68	20.503	2957	2961	2964	rVB	596552	759424	5.12%	0.376%
69	20.903	3025	3029	3035	rBV	864456	1235050	8.33%	0.612%
70	21.109	3060	3064	3066	rBV	679949	825466	5.57%	0.409%
71	21.139	3066	3069	3075	rVV3	2221632	3156679	21.29%	1.563%
72	21.198	3076	3079	3086	rVB2	804702	1055205	7.12%	0.523%
73	21.409	3110	3115	3121	rBV3	6053593	11561375	77.99%	5.726%
74	21.462	3121	3124	3133	rVB	4722003	5892538	39.75%	2.919%
75	21.580	3141	3144	3150	rVB	677866	946594	6.39%	0.469%
76	23.068	3392	3397	3402	rBV	3328241	7543643	50.89%	3.736%

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Misc :
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Instrument :
BNA_M
ClientSampleId :
TP3-1-6

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.580	3479	3484	3492	rVB	2011566	3962906	26.73%	1.963%
78	23.686	3496	3502	3509	rVB	3094544	5905797	39.84%	2.925%
79	23.786	3515	3519	3524	rBV2	1291531	2197622	14.82%	1.088%
80	26.250	3931	3938	3951	rVB2	1525696	4608188	31.09%	2.282%

Sum of corrected areas: 201899488

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
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Acq On : 04 Aug 2022 22:13
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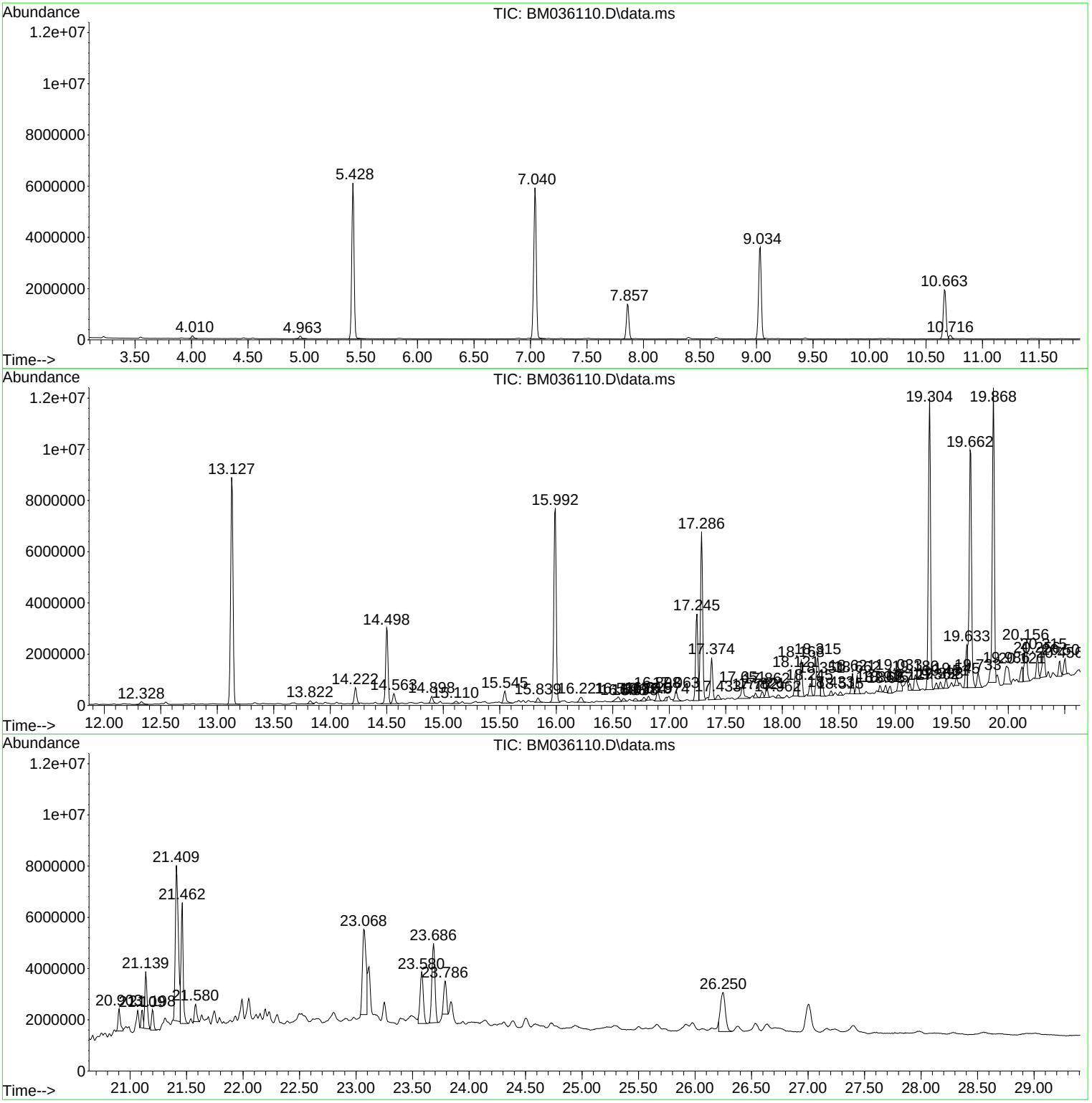
Instrument :
BNA_M
ClientSampleId :
TP3-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
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Instrument :
BNA_M
ClientSampleId :
TP3-1-6

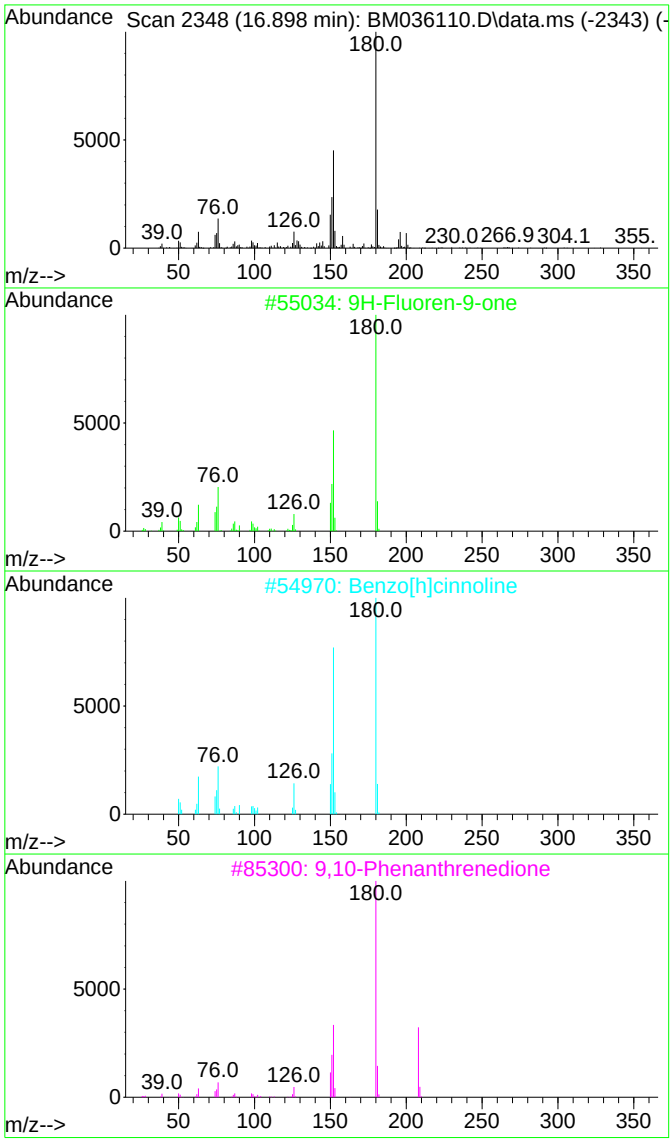
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

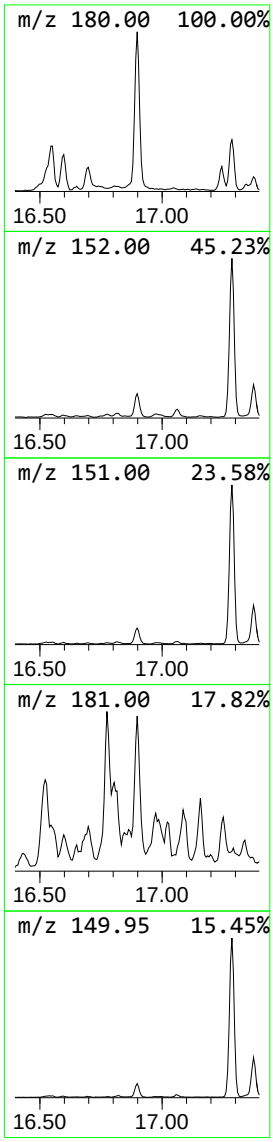
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	2.31 ng	554452	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	87
4	Diphenic anhydride	224	C14H8O3	006050-13-1	78
5	15,19-Dioxatetracyclo[12.5.0.0(2...	266	C17H14O3	1000436-55-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP3-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

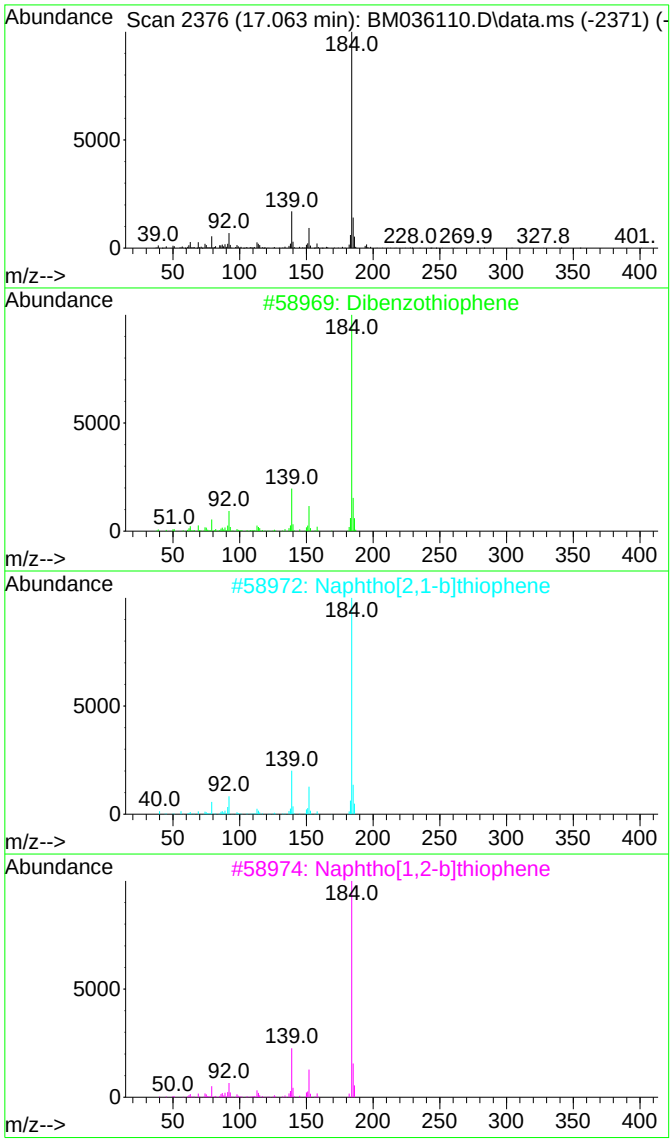
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

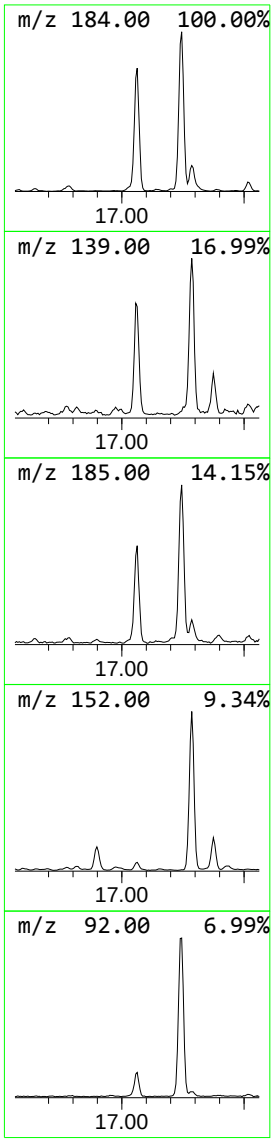
****

Peak Number 2 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	2.68 ng	641803	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
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Instrument :
BNA_M
ClientSampleId :
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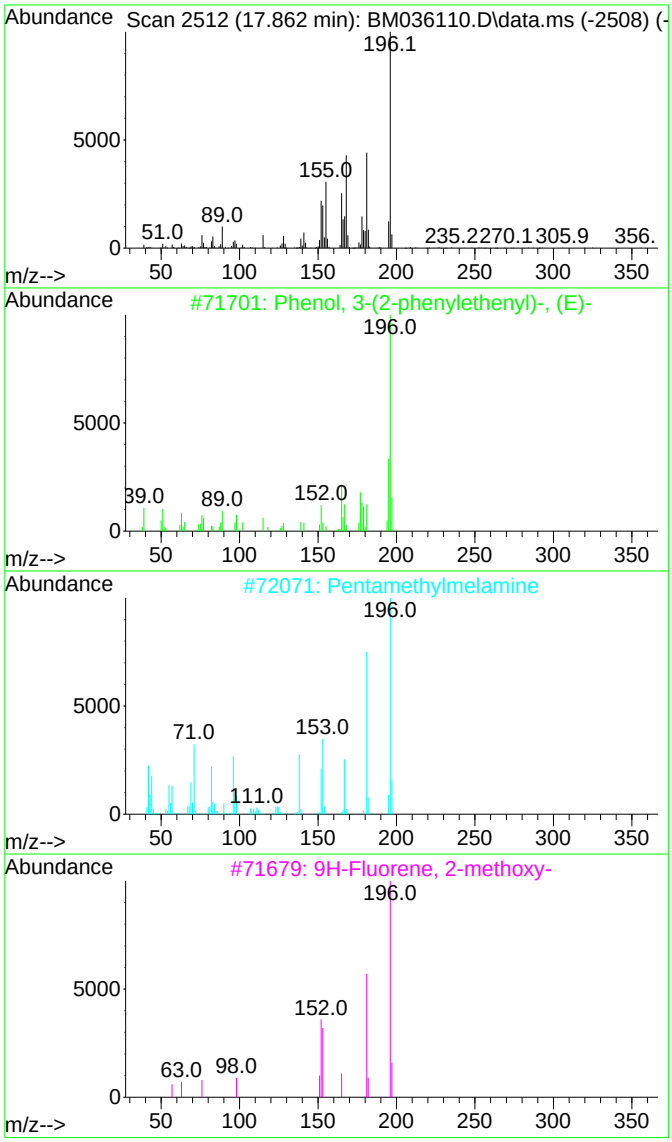
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

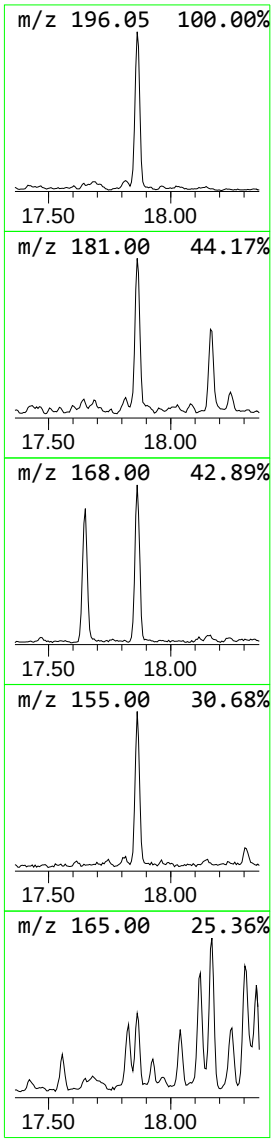
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 3-(2-phenylethenyl)... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	2.29 ng	548513	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	50
2	Pentamethylmelamine	196	C8H16N6	035832-09-8	47
3	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	47
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43
5	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

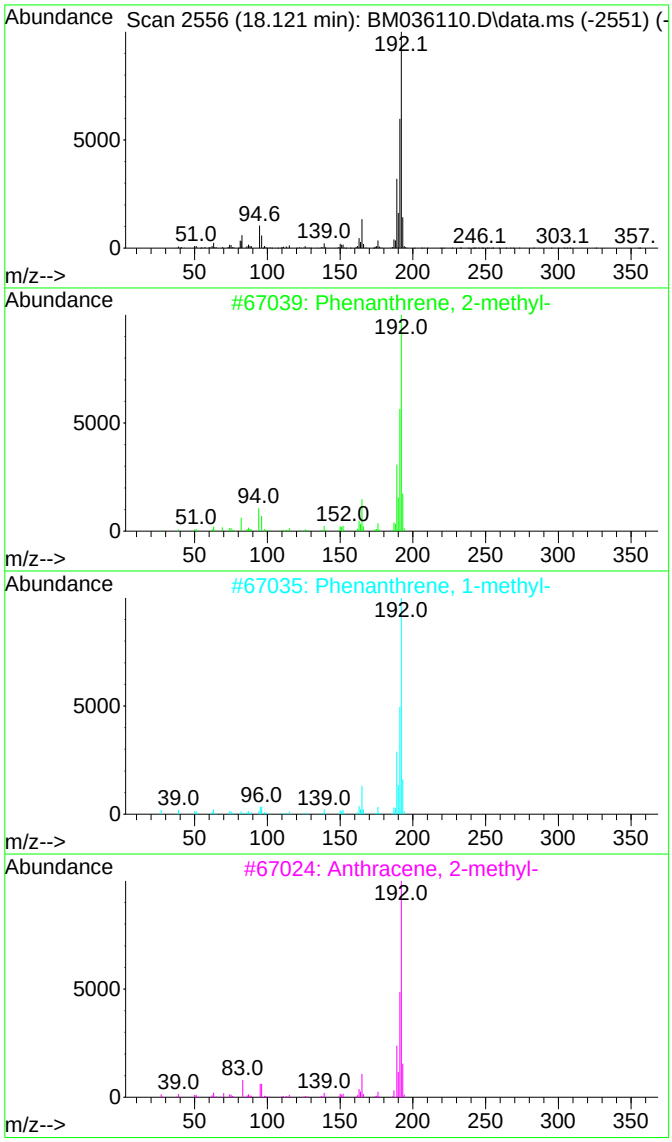
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

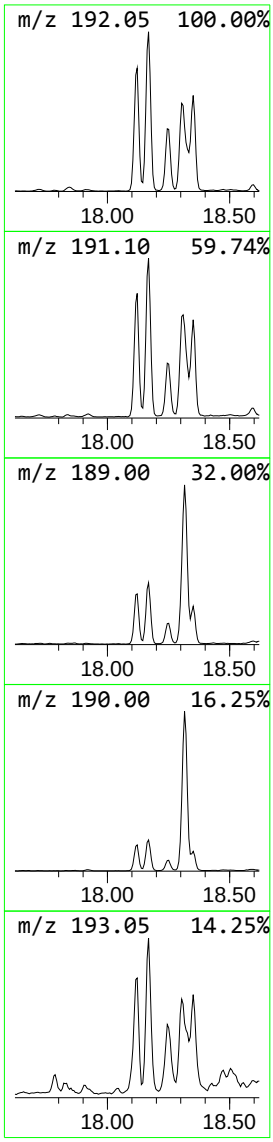
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	6.49 ng	1555660	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP3-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

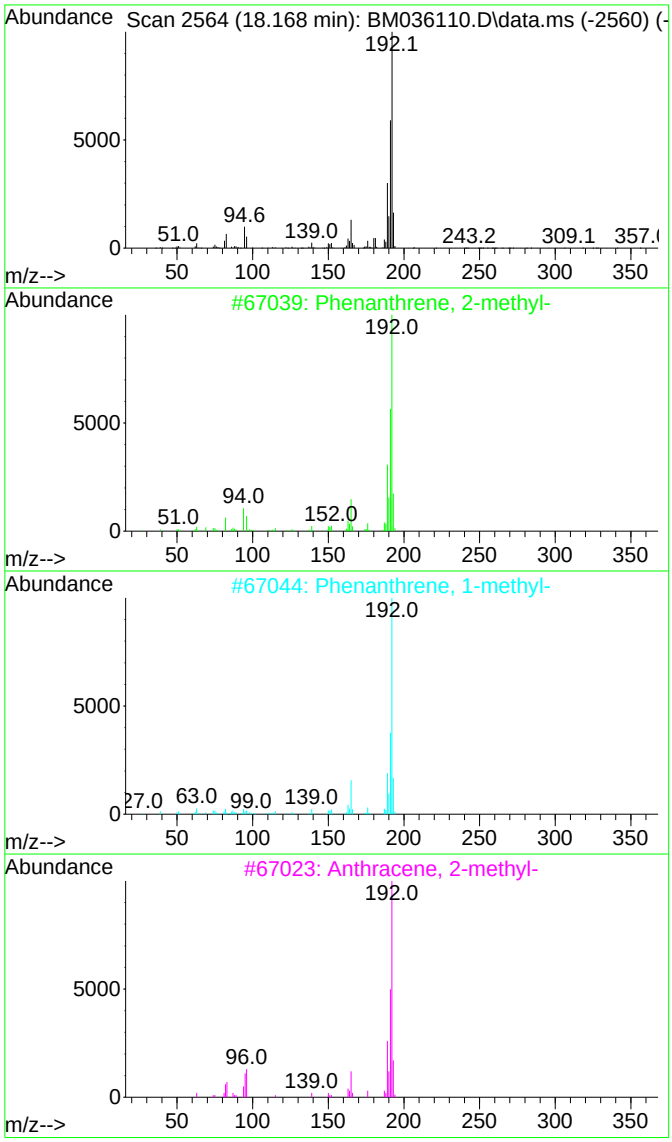
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

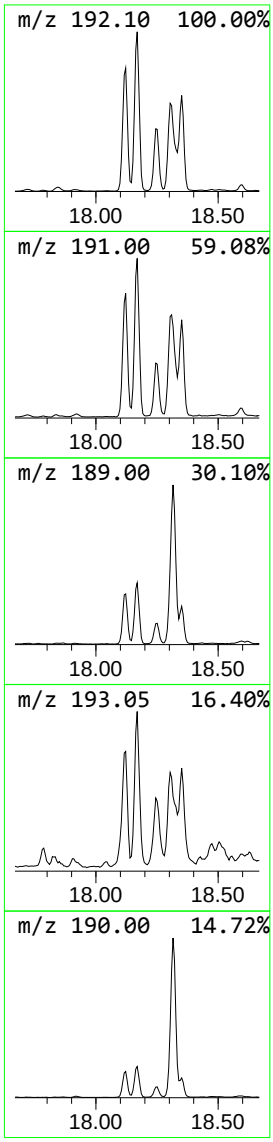
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	8.49 ng	2034710	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP3-1-6

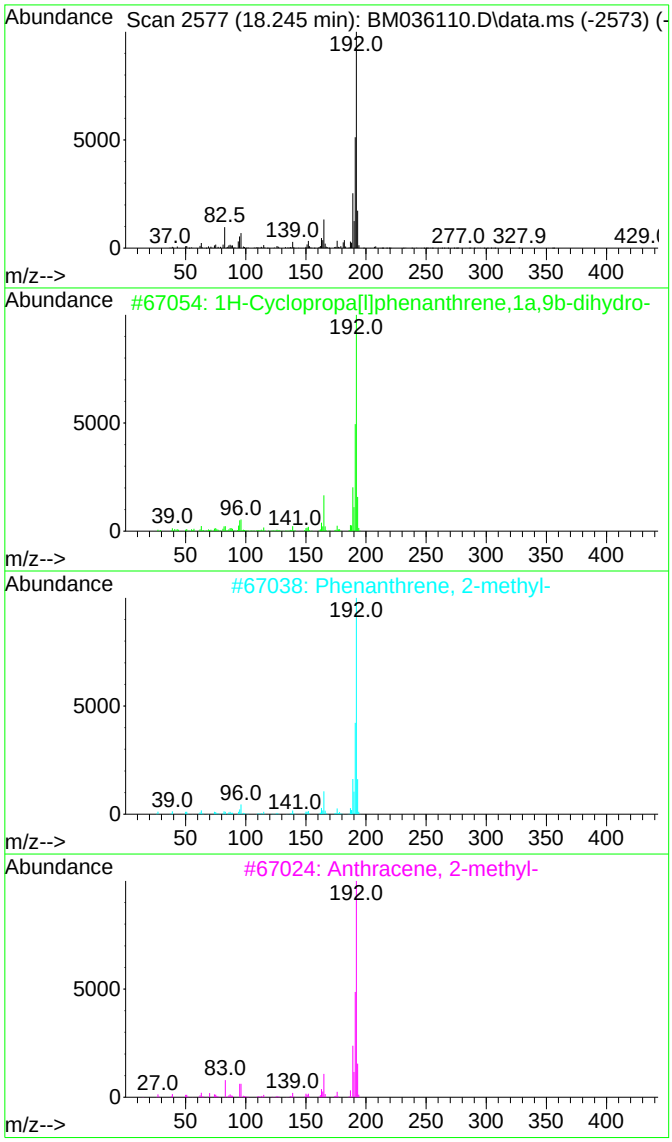
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

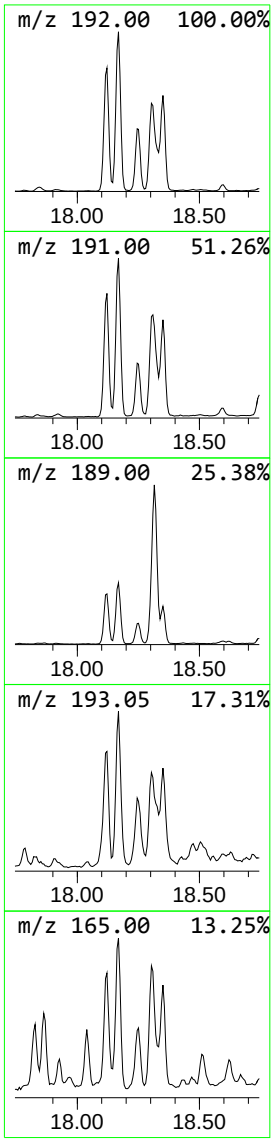
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	2.80 ng	670515	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Sample : N4023-07
Misc :
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ClientSampleId :
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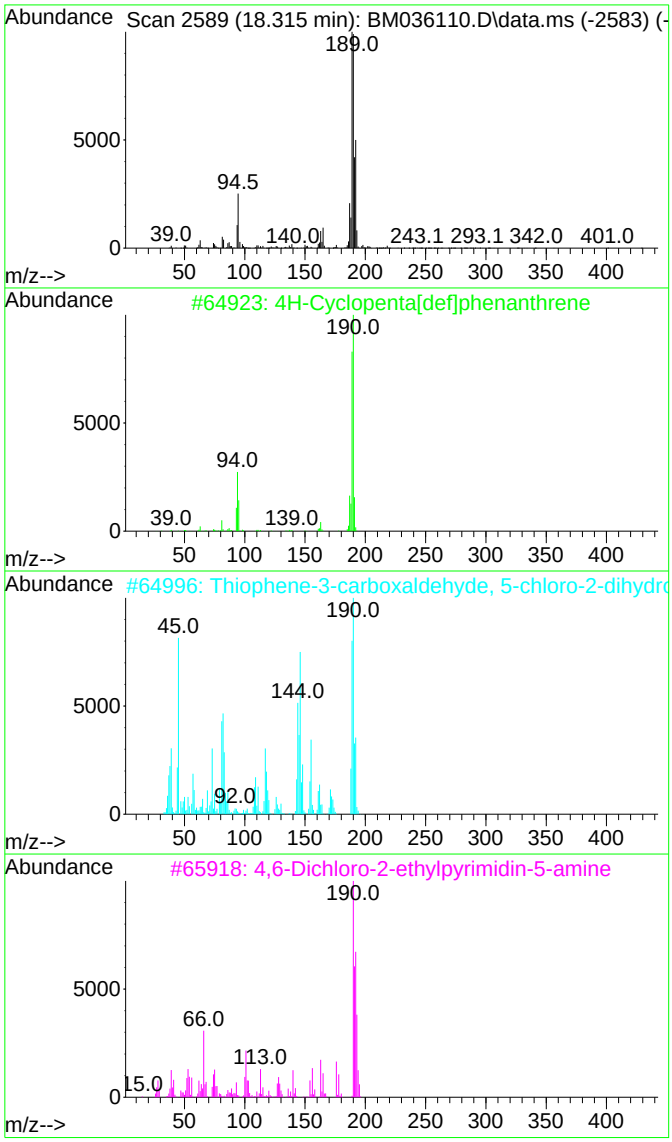
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

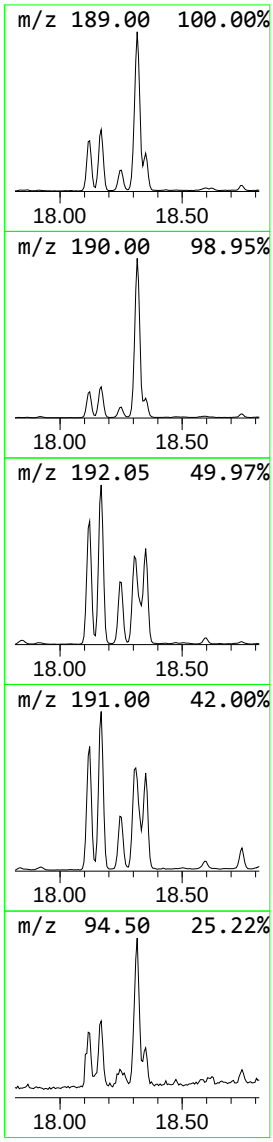
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.315	11.63 ng	2786140	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





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

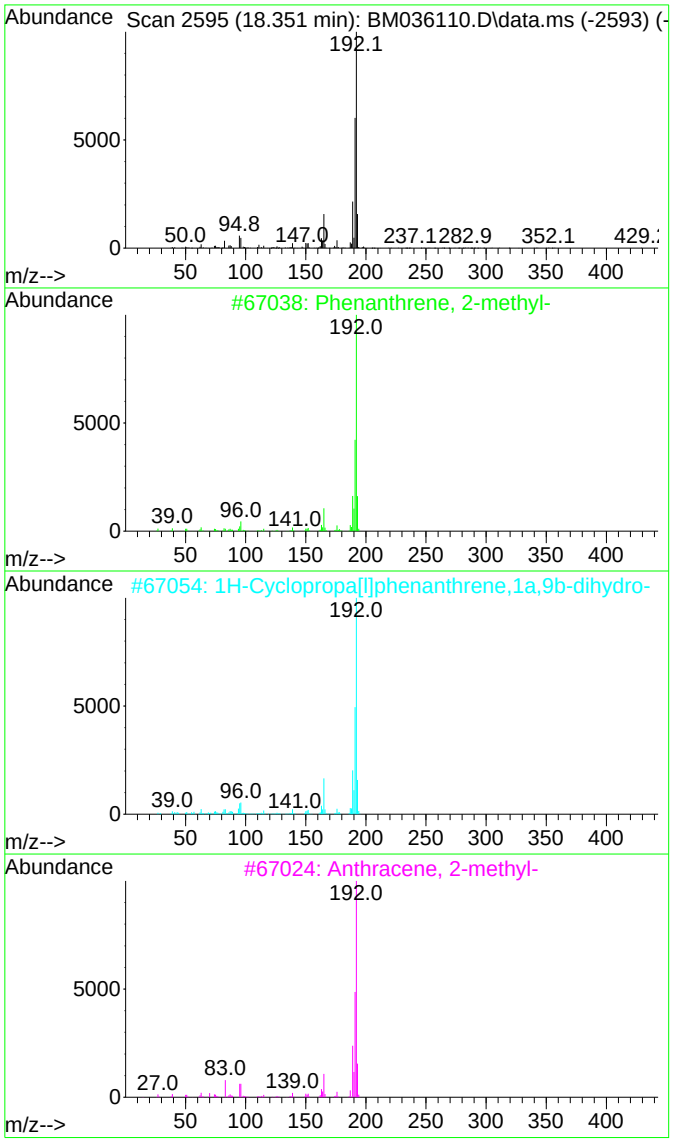
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

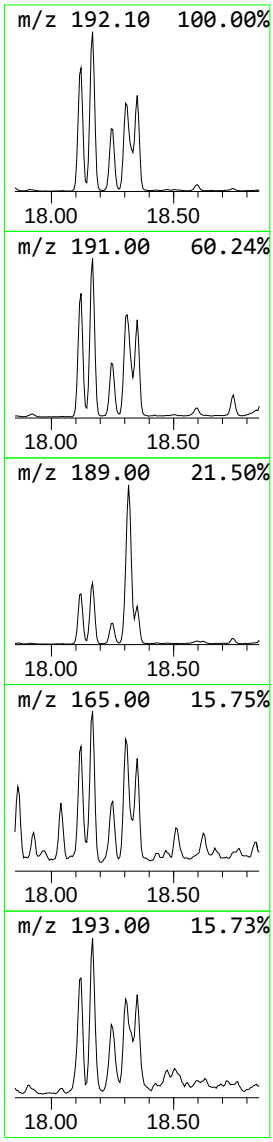
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	3.66 ng	877626	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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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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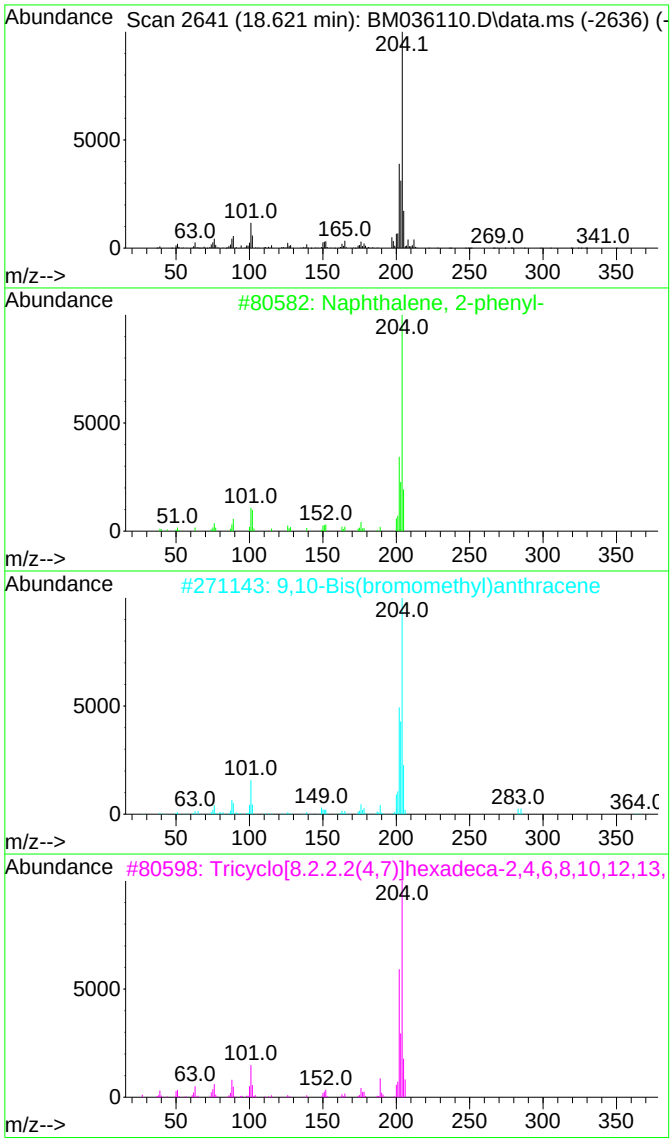
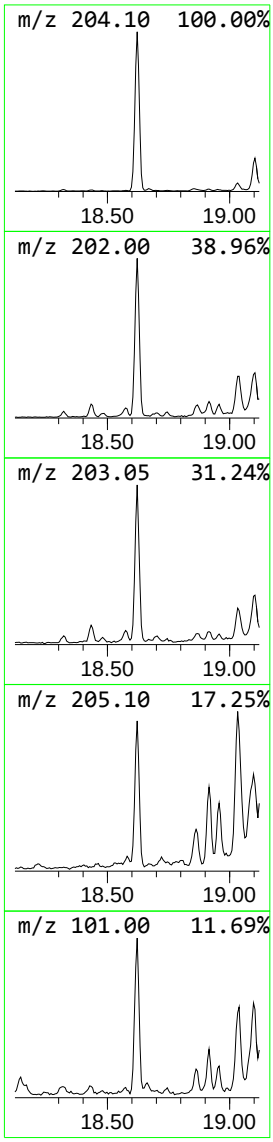
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.621	4.08 ng	977525	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47





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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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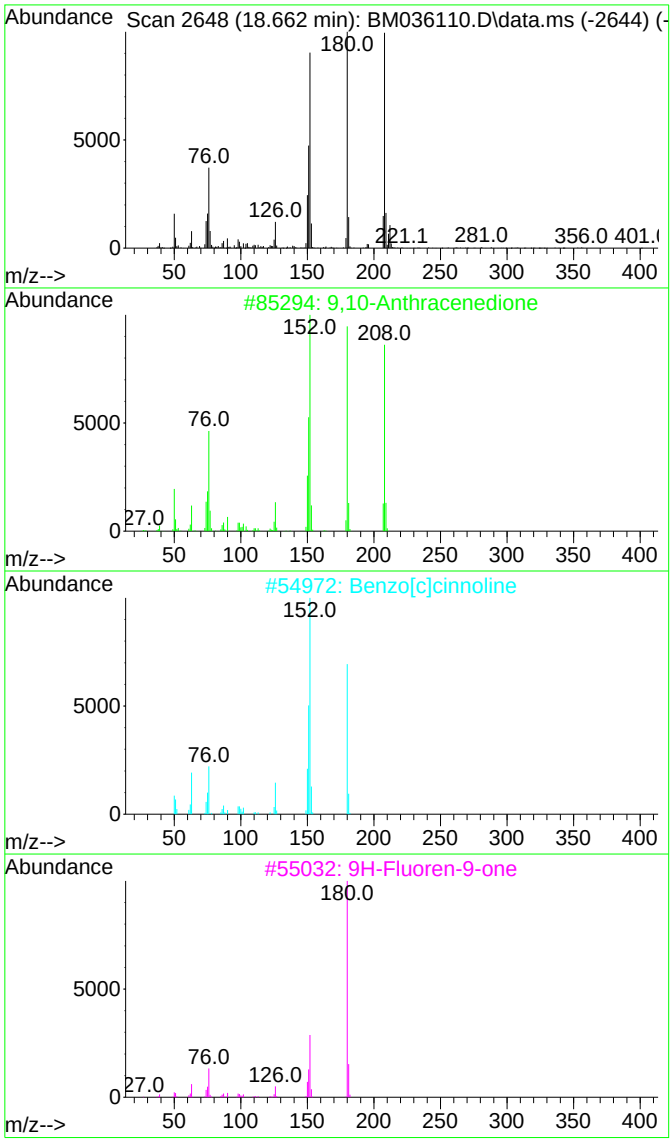
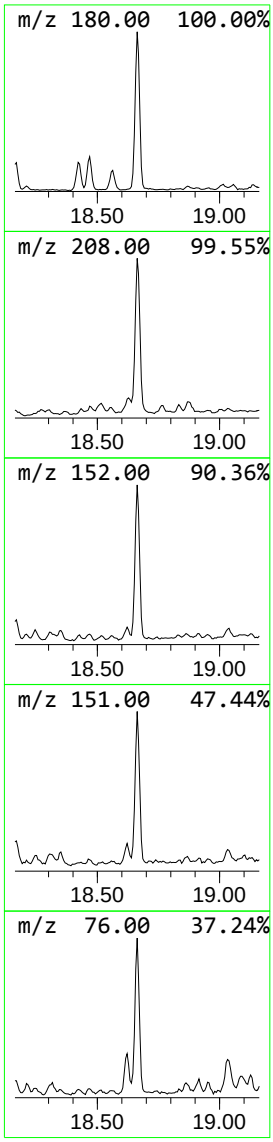
Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.662	4.00 ng	957176	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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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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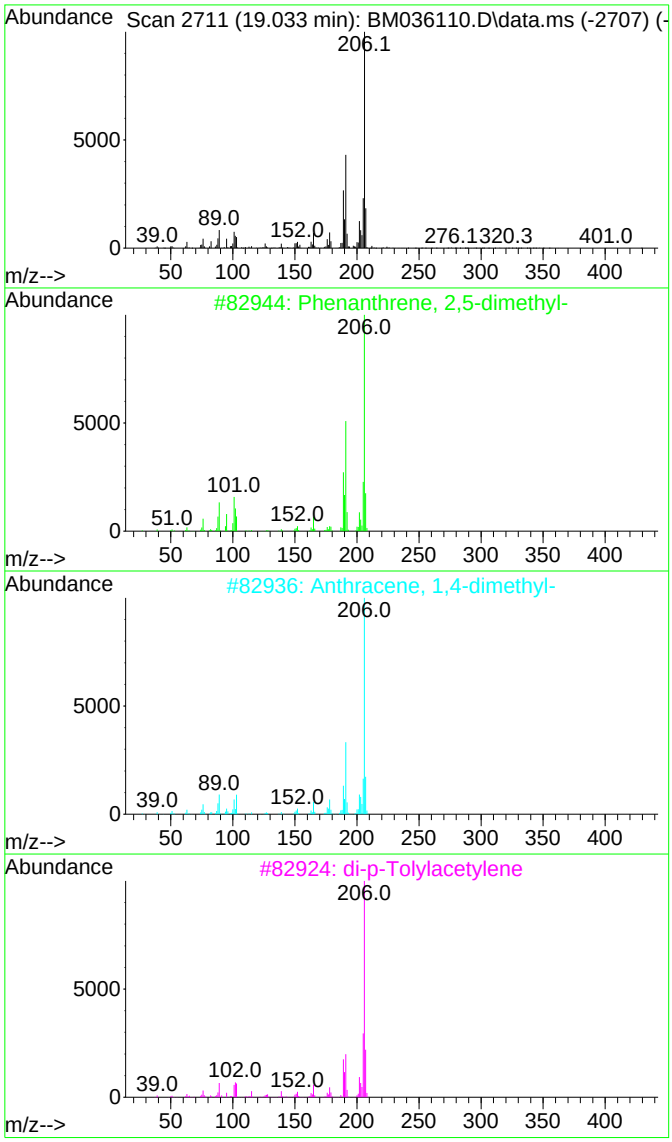
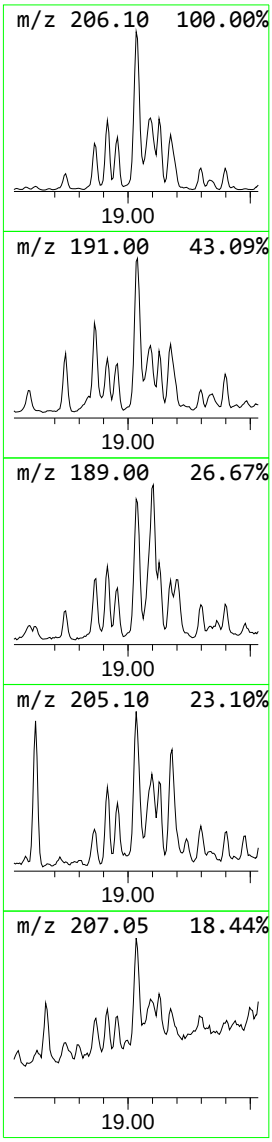
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	5.07 ng	1214360	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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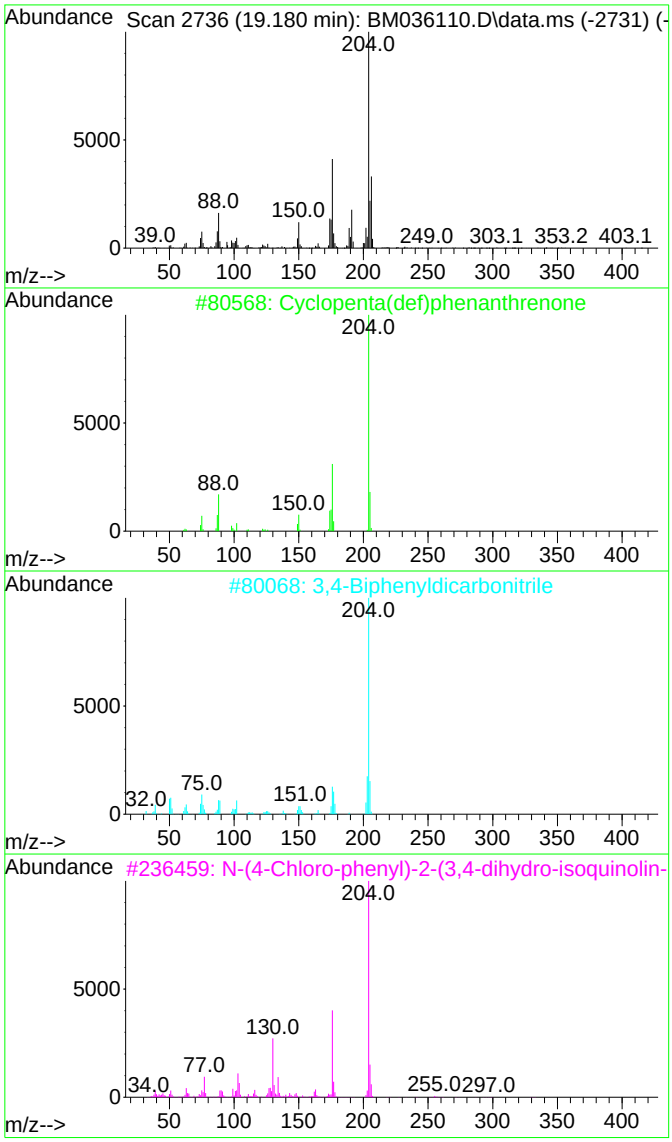
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

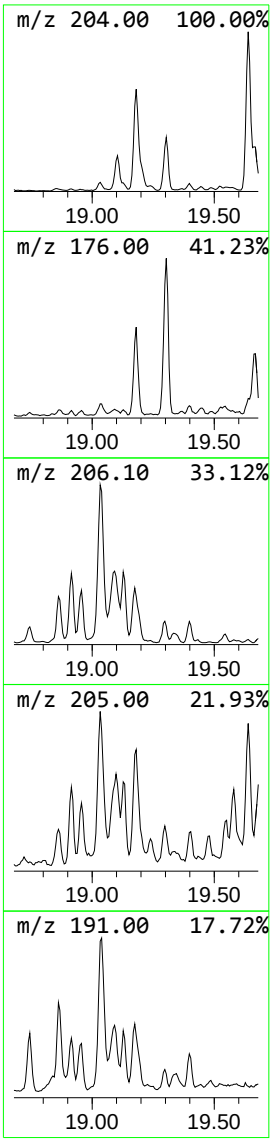
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	4.36 ng	1044490	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

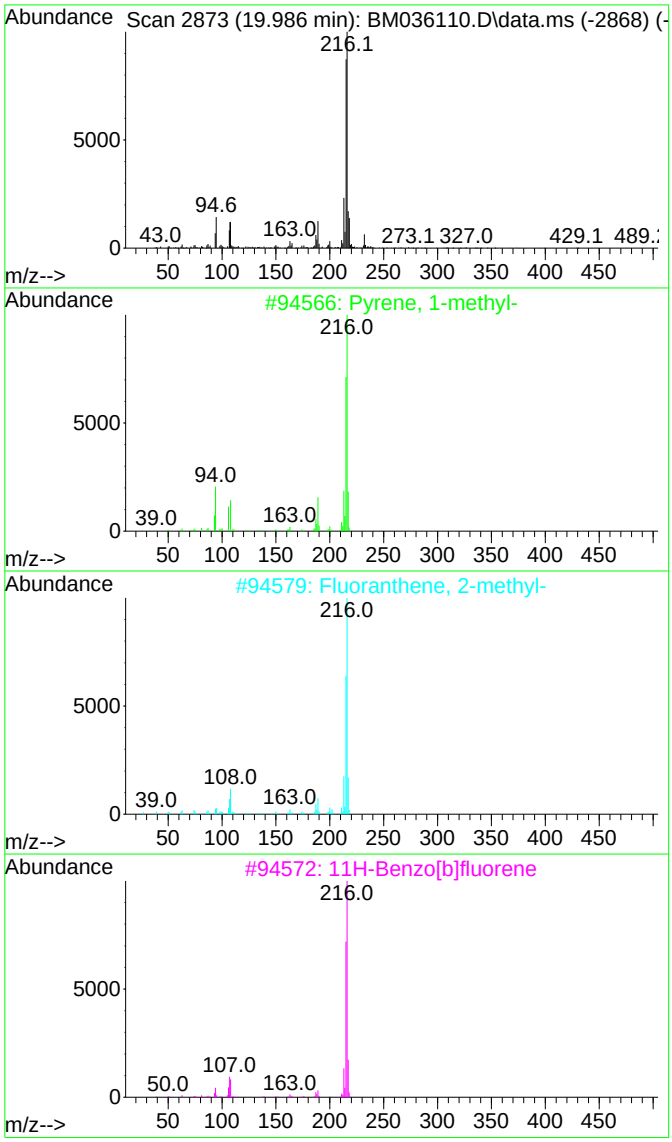
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

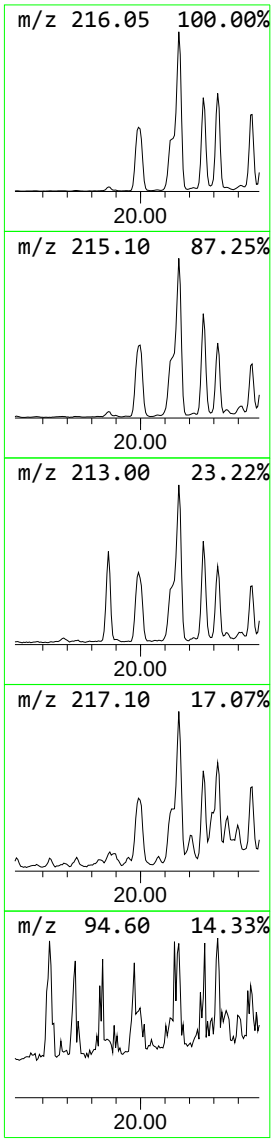
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	2.97 ng	1716140	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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ALS Vial : 19 Sample Multiplier: 1

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

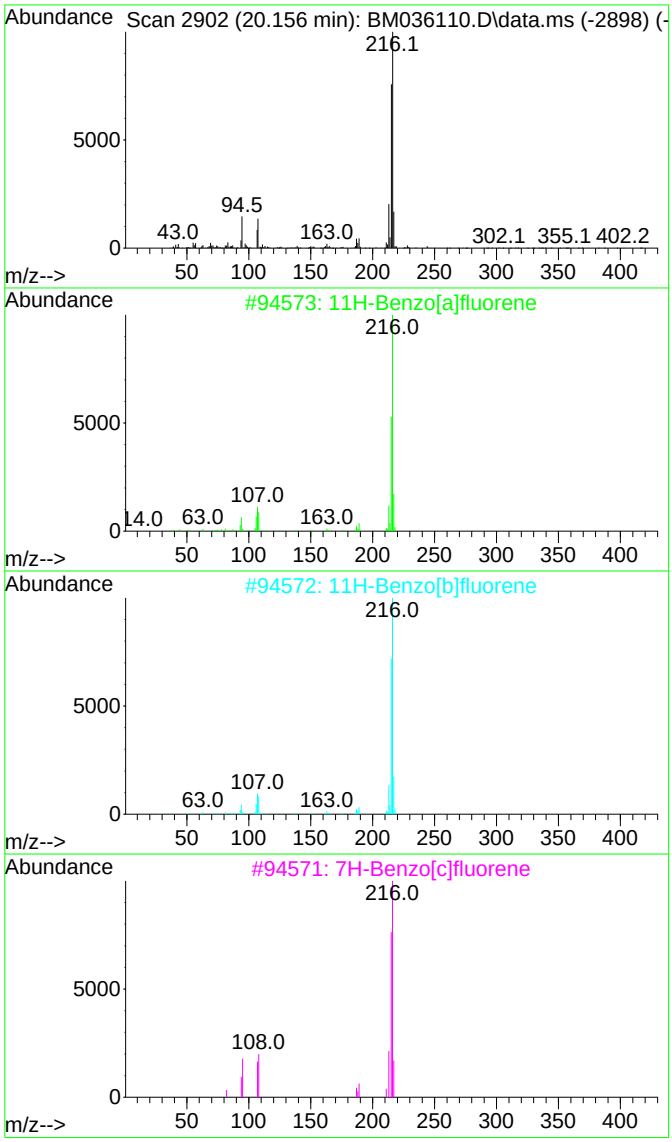
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

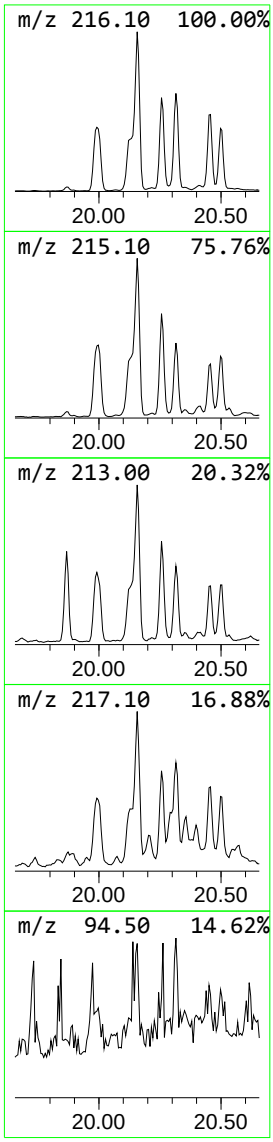
****

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.156	3.92 ng	2268420	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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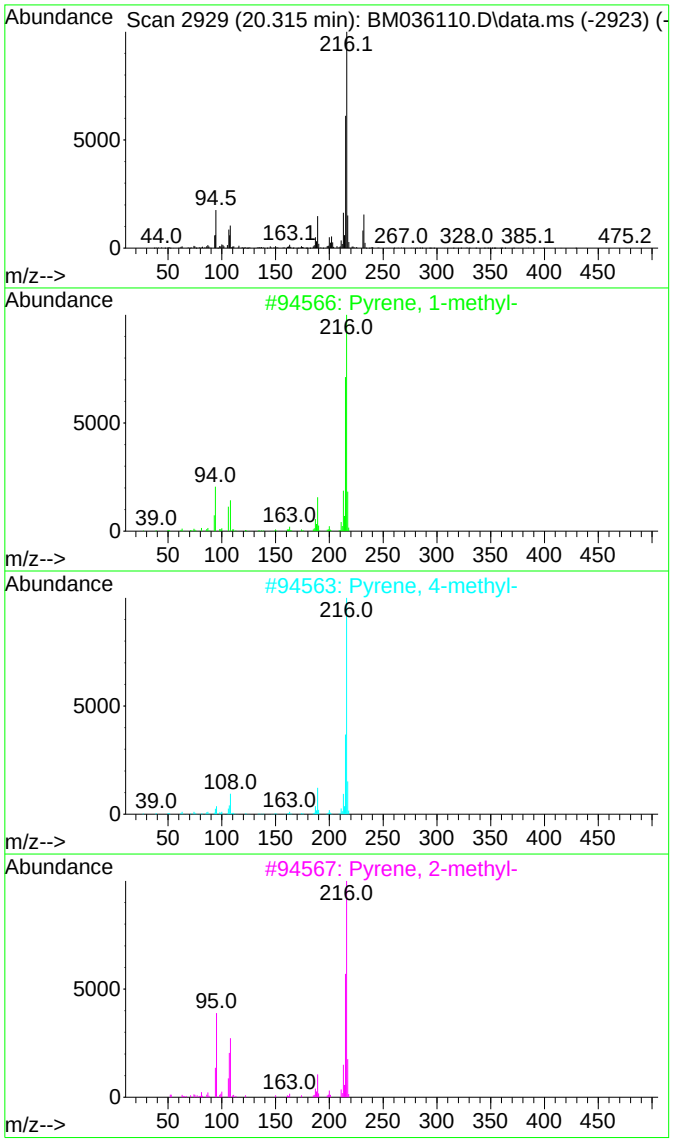
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

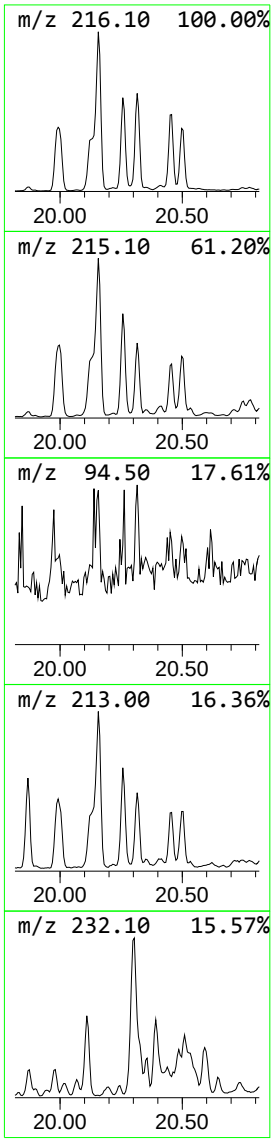
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.315	2.71 ng	1566470	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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ClientSampleId :
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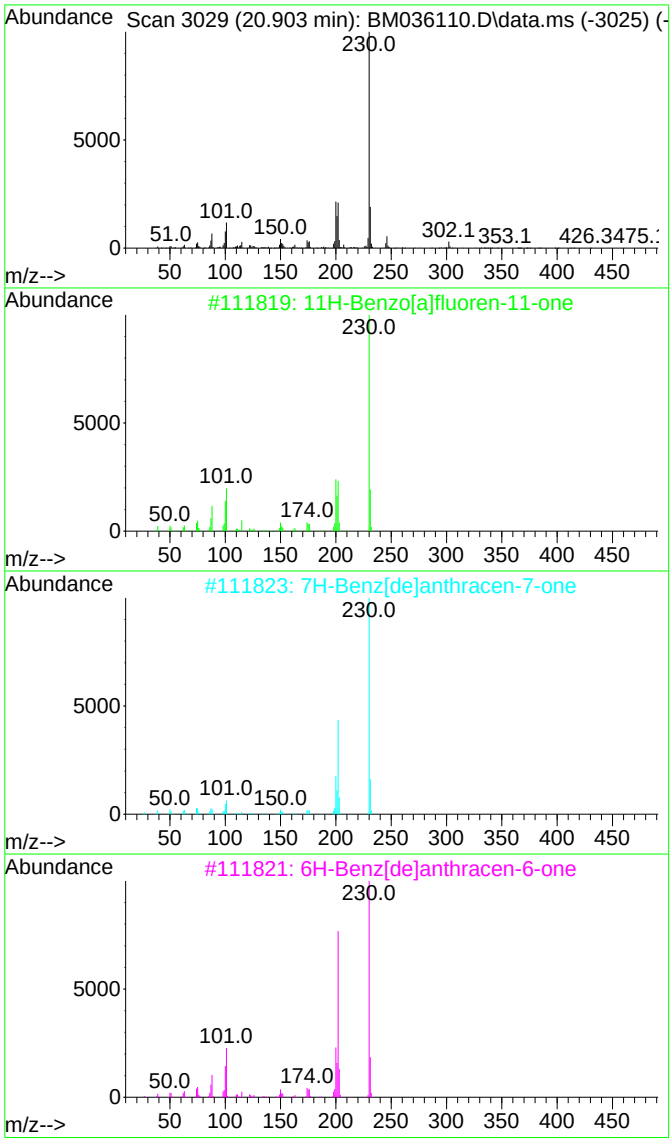
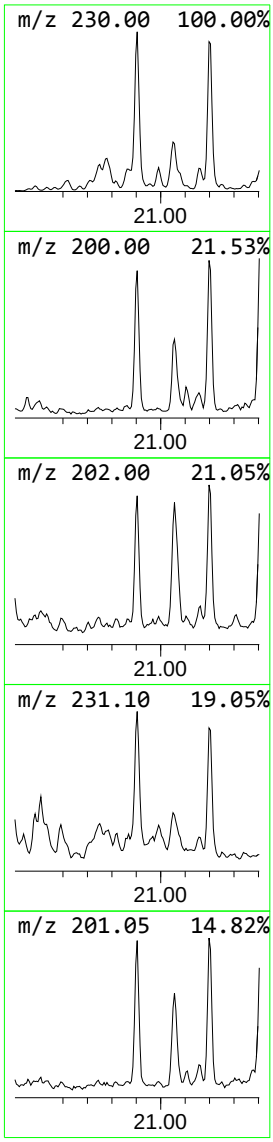
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.903	2.14 ng	1235050	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64





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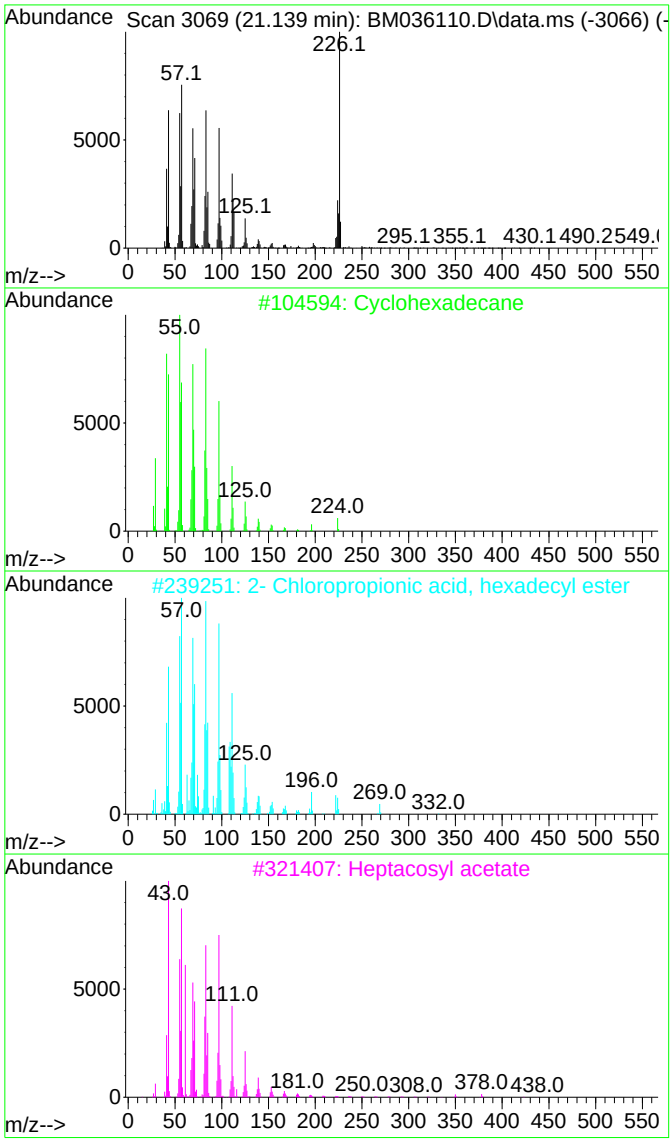
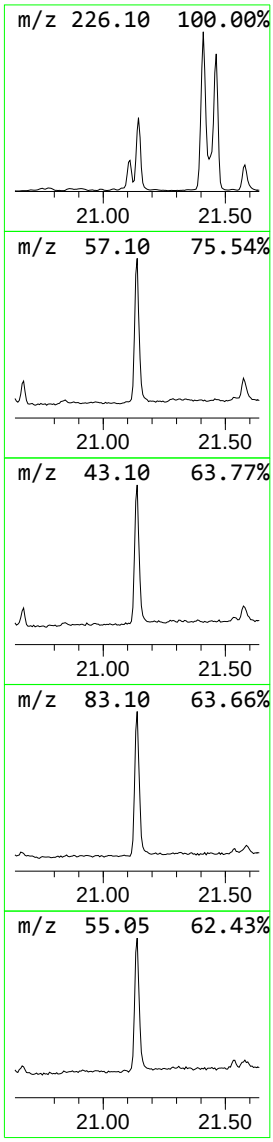
Peak Number 17 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	5.46 ng	3156680	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	70
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	55
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	55





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Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP3-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

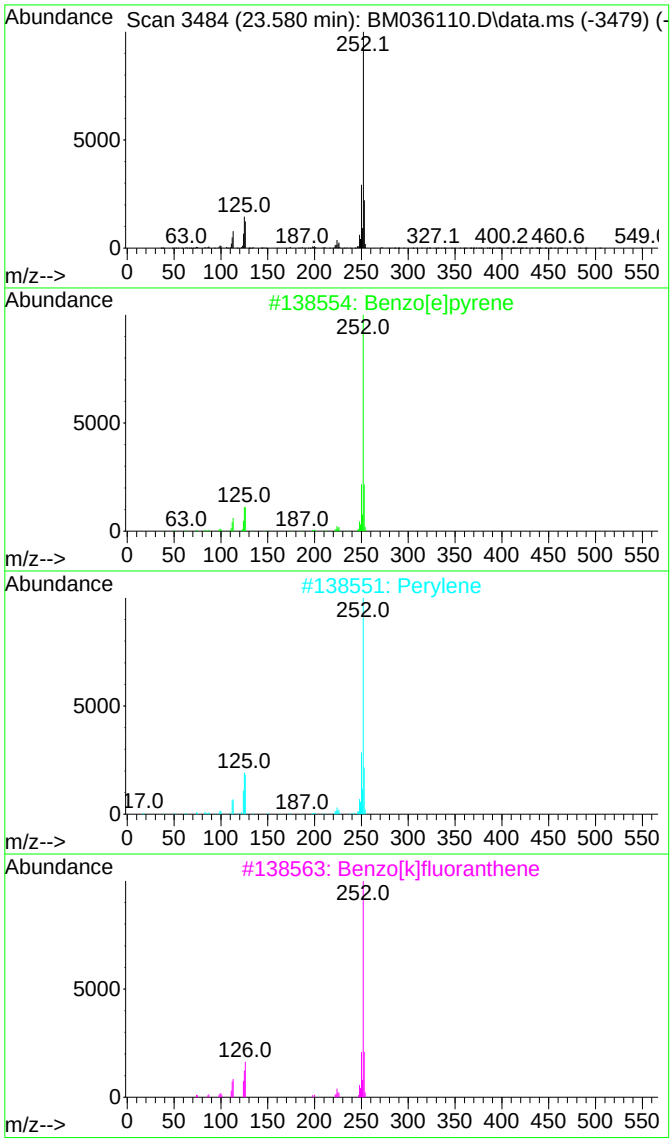
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

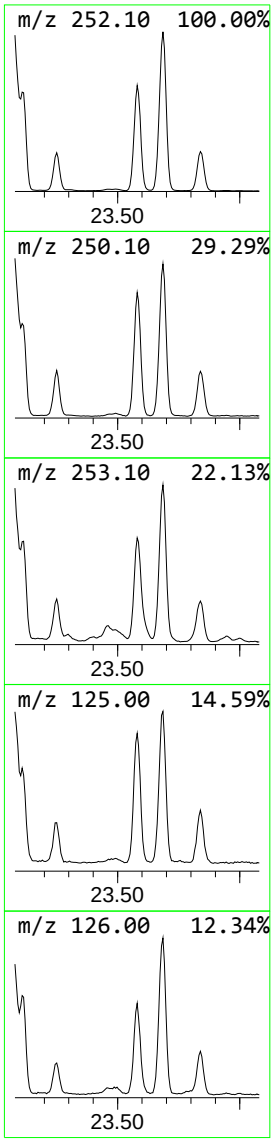
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.580	36.07 ng	3962910	Perylene-d12	23.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036110.D
Acq On : 04 Aug 2022 22:13
Operator : CG/JU
Sample : N4023-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP3-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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
9H-Fluoren-9-one	16.898	2.3	ng	554452	4	17.245	4791290	20.0
Dibenzothiophene	17.063	2.7	ng	641803	4	17.245	4791290	20.0
Phenol, 3-(2-ph...	17.863	2.3	ng	548513	4	17.245	4791290	20.0
Phenanthrene, 2...	18.121	6.5	ng	1555660	4	17.245	4791290	20.0
Phenanthrene, 1...	18.168	8.5	ng	2034710	4	17.245	4791290	20.0
1H-Cyclopropa[l...	18.245	2.8	ng	670515	4	17.245	4791290	20.0
4H-Cyclopenta[d...	18.315	11.6	ng	2786140	4	17.245	4791290	20.0
Anthracene, 2-m...	18.351	3.7	ng	877626	4	17.245	4791290	20.0
Naphthalene, 2-...	18.621	4.1	ng	977525	4	17.245	4791290	20.0
9,10-Anthracene...	18.662	4.0	ng	957176	4	17.245	4791290	20.0
Phenanthrene, 2...	19.033	5.1	ng	1214360	4	17.245	4791290	20.0
Cyclopenta(def)...	19.180	4.4	ng	1044490	4	17.245	4791290	20.0
Pyrene, 1-methyl-	19.986	3.0	ng	1716140	5	21.427	11561400	20.0
11H-Benzo[a]flu...	20.156	3.9	ng	2268420	5	21.427	11561400	20.0
Pyrene, 4-methyl-	20.315	2.7	ng	1566470	5	21.427	11561400	20.0
11H-Benzo[a]flu...	20.903	2.1	ng	1235050	5	21.427	11561400	20.0
Cyclohexadecane	21.139	5.5	ng	3156680	5	21.427	11561400	20.0
Benzo[e]pyrene	23.580	36.1	ng	3962910	6	23.786	2197620	20.0