LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049993.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	316	323	333	rBV	1284514	1793959	3.03%	0.342%
2	5.357	396	403	418	rBV	3767405	5506989	9.30%	1.051%
3	6.951	663	674	694	rBV	3837076	6542741	11.05%	1.248%
4	7.763	804	812	820	rBV	1137512	1740870	2.94%	0.332%
5	8.922	1002	1009	1021	rBV	2541924	4191199	7.08%	0.800%
6	10.557	1279	1287	1293	rBV	1319658	2194161	3.71%	0.419%
7	13.028	1700	1707	1724	rVB	7520987	10641055	17.97%	2.030%
8	14.133	1888	1895	1903	rBV	723917	1155048	1.95%	0.220%
9	14.410	1934	1942	1947	rBV	2151233	3066282	5.18%	0.585%
10	14.474	1947	1953	1961	rVB	972466	1504065	2.54%	0.287%
11	14.810	2005	2010	2020	rVB	416146	627109	1.06%	0.120%
12	15.457	2114	2120	2132	rVB	1026903	1586225	2.68%	0.303%
13	15.763	2166	2172	2184	rVB3	603774	1143354	1.93%	0.218%
14	15.904	2186	2196	2203	rBV	3820074	5799880	9.80%	1.107%
15	16.133	2228	2235	2243	rVB5	374921	821964	1.39%	0.157%
16	16.816	2346	2351	2358	rVB2	816648	1346830	2.27%	0.257%
17	16.974	2373	2378	2386	rVB	852765	1295024	2.19%	0.247%
18	17.157	2404	2409	2412	rBV	2464417	3585027	6.06%	0.684%
19	17.198	2412	2416	2423	rVV	12808180	18761395	31.69%	3.580%
20	17.292	2426	2432	2437	rVV	5929886	8298493	14.02%	1.583%
21	17.351	2437	2442	2447	rVB2	375078	667204	1.13%	0.127%
22	17.563	2469	2478	2491	rBV2	1464554	3256808	5.50%	0.621%
23	17.674	2493	2497	2503	rVV2	454620	691282	1.17%	0.132%
24	18.033	2552	2558	2560	rBV	1649021	2517703	4.25%	0.480%
25	18.080	2560	2566	2573	rVV2	3237051	6934558	11.71%	1.323%
26	18.162	2575	2580	2585	rVB	1325094	1868418	3.16%	0.357%
27	18.227	2585	2591	2595	rBV2	3885875	6423920	10.85%	1.226%
28	18.262	2595	2597	2603	rVB	1284275	1514017	2.56%	0.289%
29	18.427	2621	2625	2629	rBV3	423847	661525	1.12%	0.126%
30	18.533	2639	2643	2647	rVV	1736750	2136933	3.61%	0.408%
31	18.580	2647	2651	2656	rVB	2644345	3519616	5.94%	0.672%
32	18.780	2682	2685	2689	rVB2	638810	719963	1.22%	0.137%
33	18.833	2690	2694	2697	rVV	588149	731769	1.24%	0.140%
34	18.868	2697	2700	2704	rVB	637579	808801	1.37%	0.154%
35	18.951	2709	2714	2718	rBV	1097717	1910914	3.23%	0.365%
36	19.015	2723	2725	2728	rVV	710765	935637	1.58%	0.179%

LSC Area Percent Report

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Acq On : 22 Apr 2025 13:12
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Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.098	2734	2739	2746	rBV2	2454346	3828869	6.47%	0.731%
38	19.227	2754	2761	2766	rVB2	32130545	53429163	90.24%	10.195%
39	19.280	2767	2770	2773	rBV	641955	796038	1.34%	0.152%
40	19.321	2773	2777	2778	rBV	884466	1073531	1.81%	0.205%
41	19.462	2797	2801	2805	rVB2	1065395	1414038	2.39%	0.270%
42	19.592	2812	2823	2830	rBV4	29780651	59204831	100.00%	11.297%
43	19.651	2830	2833	2840	rVB2	1669268	2506533	4.23%	0.478%
44	19.786	2847	2856	2859	rBV2	12177968	18336374	30.97%	3.499%
45	19.827	2859	2863	2869	rVB	2863322	4245790	7.17%	0.810%
46	20.045	2895	2900	2902	rBV4	2216187	3904134	6.59%	0.745%
47	20.080	2902	2906	2911	rVB	7360686	9934946	16.78%	1.896%
48	20.133	2912	2915	2918	rBV	667403	859631	1.45%	0.164%
49	20.180	2919	2923	2927	rVV	5980368	7246771	12.24%	1.383%
50	20.239	2927	2933	2936	rVV2	3437637	6058314	10.23%	1.156%
51	20.274	2936	2939	2943	rVB	1847995	2114888	3.57%	0.404%
52	20.315	2943	2946	2953	rVB2	766920	1232918	2.08%	0.235%
53	20.380	2953	2957	2960	rBV	1951430	2474821	4.18%	0.472%
54	20.421	2961	2964	2968	rVB2	1692050	2156249	3.64%	0.411%
55	20.633	2997	3000	3003	rBV4	650520	1028974	1.74%	0.196%
56	20.786	3024	3026	3030	rBV2	684111	883158	1.49%	0.169%
57	20.833	3030	3034	3040	rVB	3431399	4557088	7.70%	0.870%
58	21.003	3058	3063	3067	rBV3	3770202	6080821	10.27%	1.160%
59	21.045	3067	3070	3073	rVV	4352705	5386200	9.10%	1.028%
60	21.092	3073	3078	3083	rVV2	3617619	7146699	12.07%	1.364%
61	21.151	3085	3088	3100	rVB	2777839	4581668	7.74%	0.874%
62	21.392	3120	3129	3134	rBV3	18684877	37014554	62.52%	7.063%
63	21.456	3135	3140	3150	rVB	19111102	32652891	55.15%	6.230%
64	21.592	3159	3163	3172	rBV	2638472	4574202	7.73%	0.873%
65	21.786	3191	3196	3203	rVB2	2180230	4063047	6.86%	0.775%
66	22.092	3245	3248	3253	rVB	2766717	3883842	6.56%	0.741%
67	22.162	3256	3260	3268	rVB2	1841544	3835815	6.48%	0.732%
68	22.345	3288	3291	3295	rBV	1342727	2181741	3.69%	0.416%
69	23.486	3475	3485	3491	rBV	12207350	38226932	64.57%	7.294%
70	23.533	3491	3493	3500	rVB	6948974	10784522	18.22%	2.058%
71	23.709	3518	3523	3529	rVB	1951620	3827132	6.46%	0.730%
72	24.144	3590	3597	3609	rVB	6716642	17627818	29.77%	3.364%
73	24.286	3613	3621	3631	rVB	7969760	19550555	33.02%	3.730%
74	24.486	3652	3655	3669	rVB2	2110277	5551901	9.38%	1.059%
75	27.838	4215	4225	4238	rVB2	3181859	12928863	21.84%	2.467%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

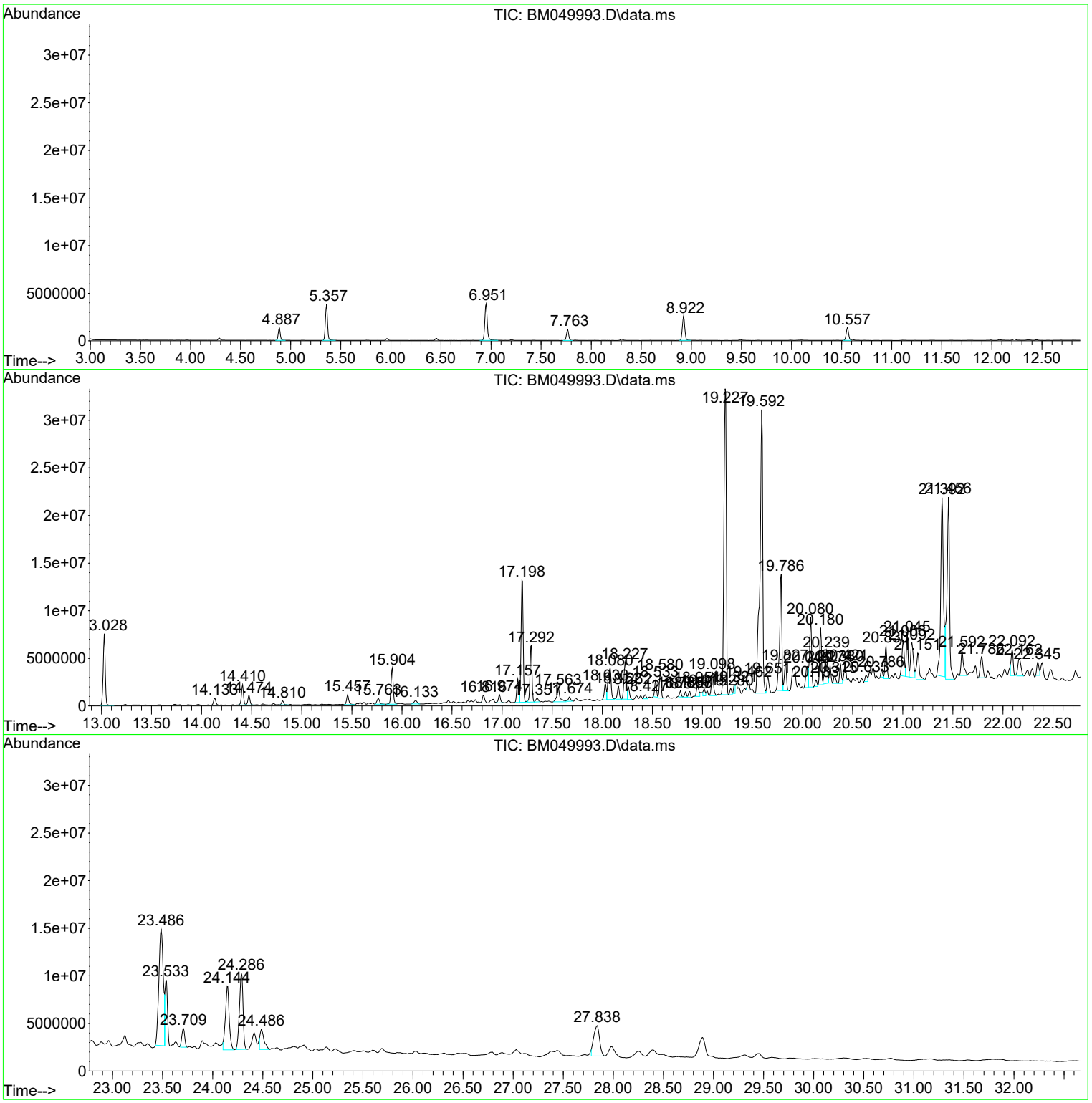
Sum of corrected areas: 524087000

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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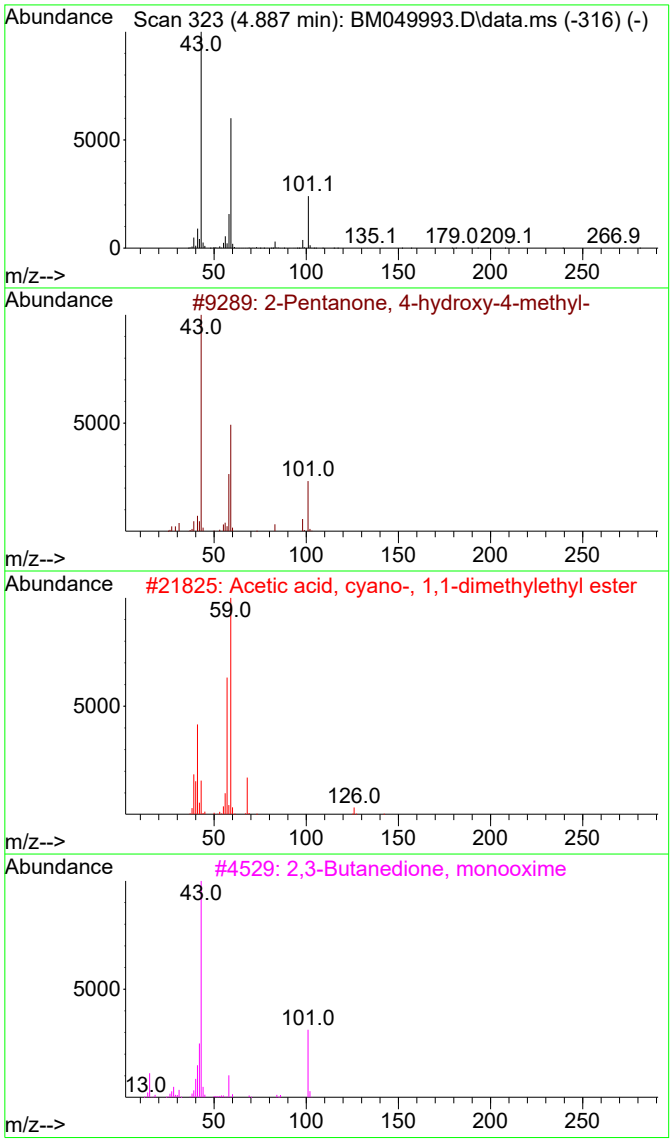
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

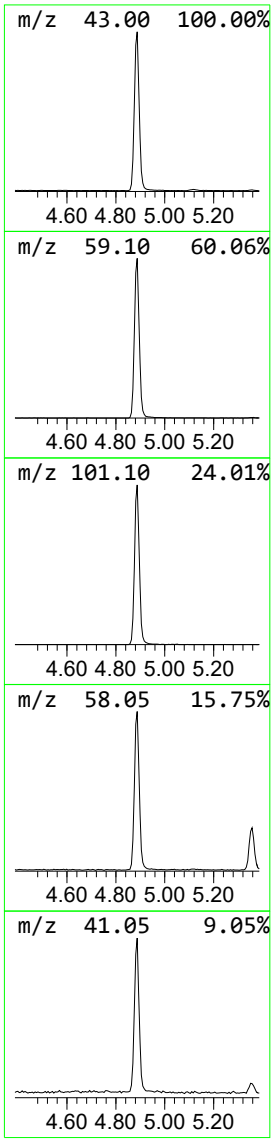
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	20.61 ng	1793960	1,4-Dichlorobenzene-d4	7.763

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

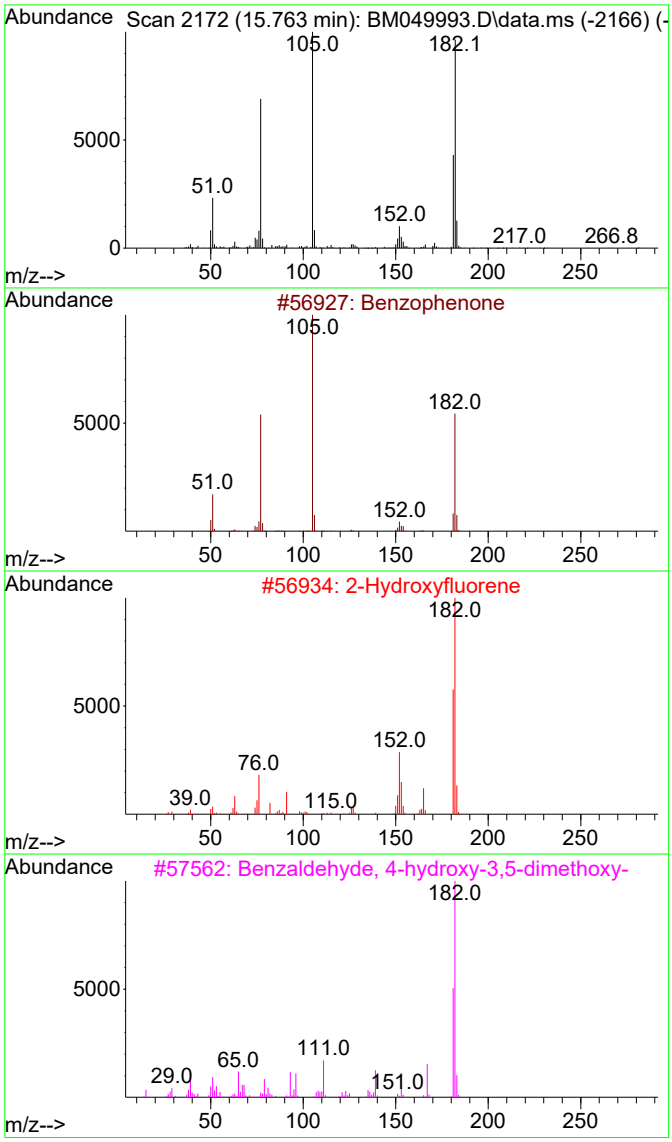
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

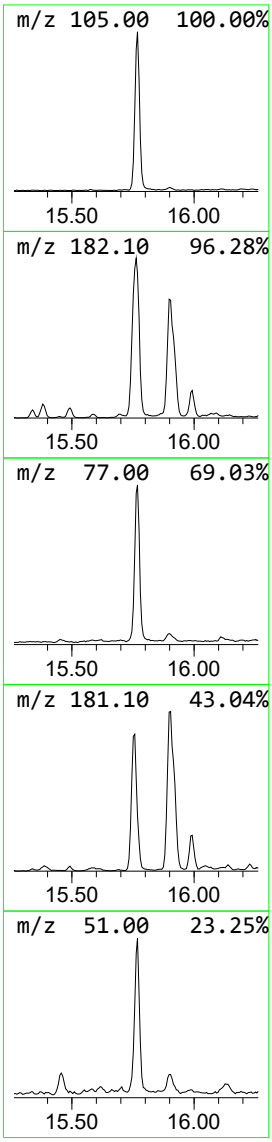
****

Peak Number 2 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.763	7.46 ng	1143350	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	49
4	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	46
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

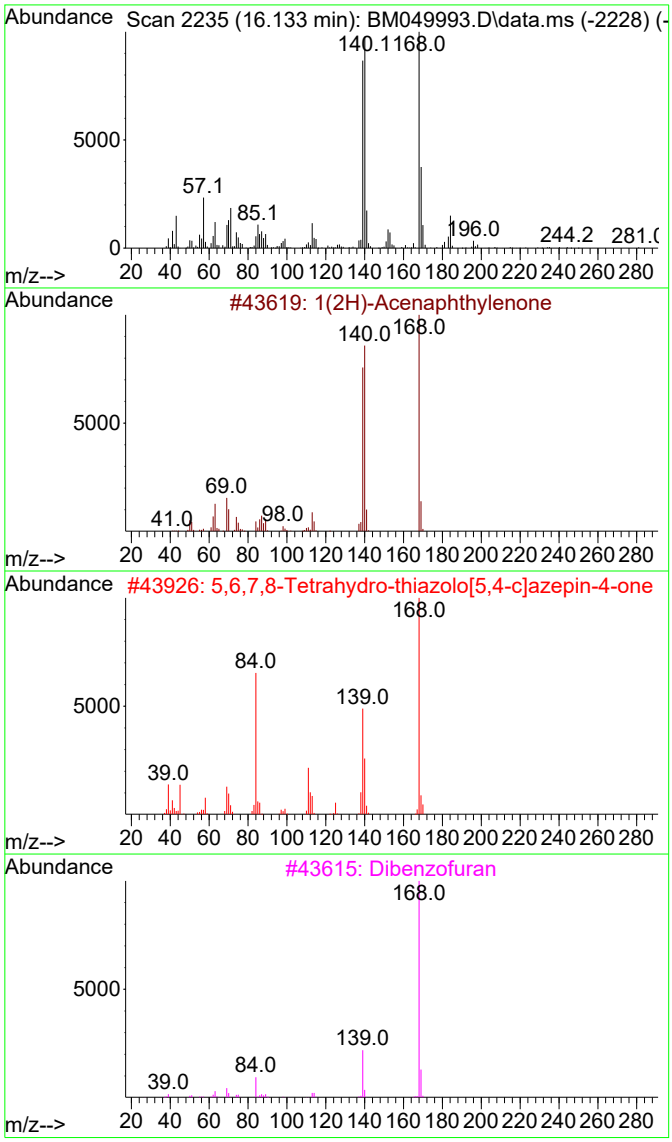
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

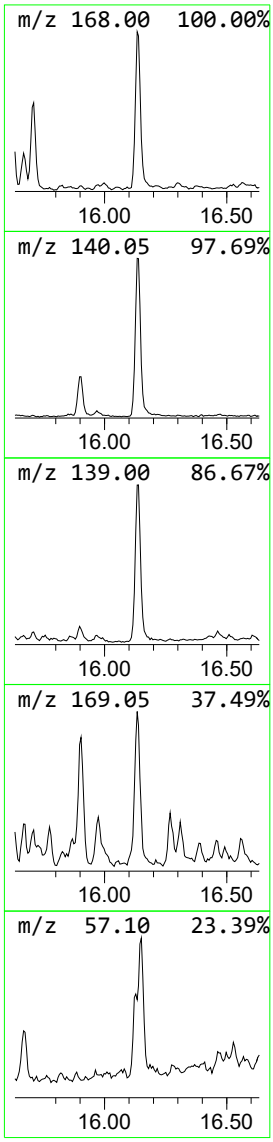
****

Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	4.59 ng	821964	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	50
3	Dibenzofuran	168	C12H8O	000132-64-9	49
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
5	1-Naphthalen-1-yl-ethylideneamine	169	C12H11N	1000187-76-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

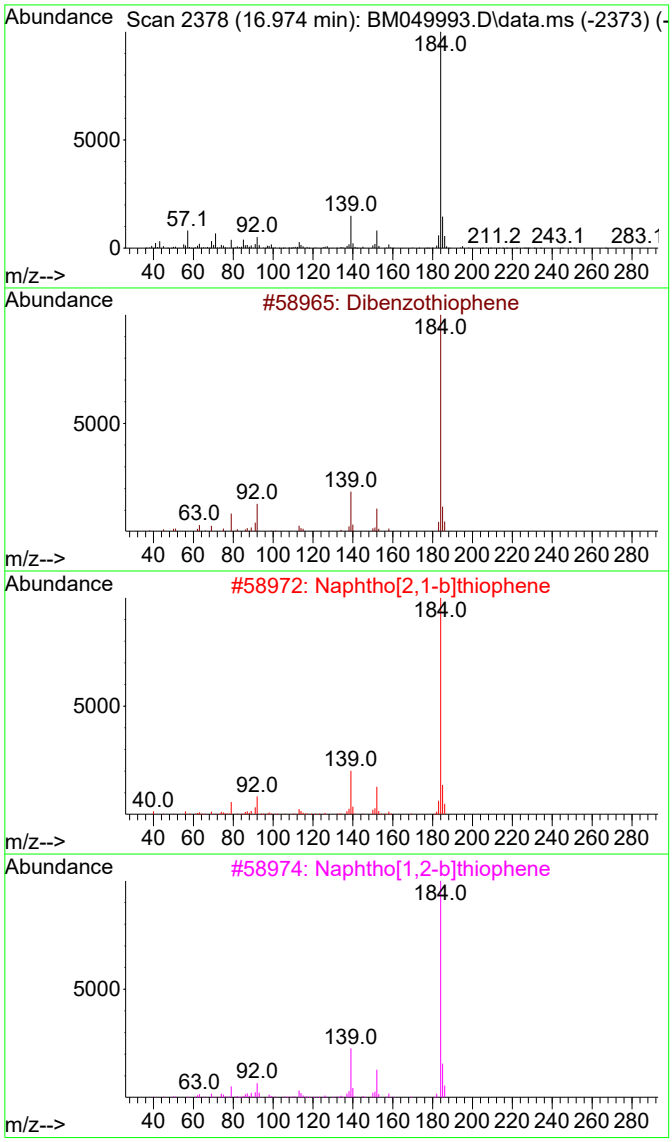
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

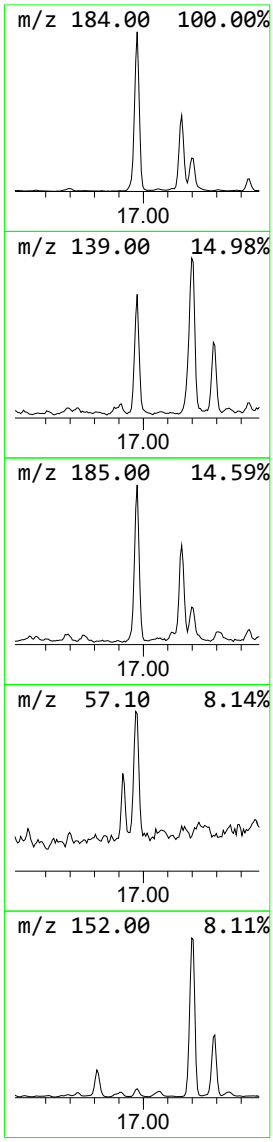
****

Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	7.22 ng	1295020	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
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	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
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Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

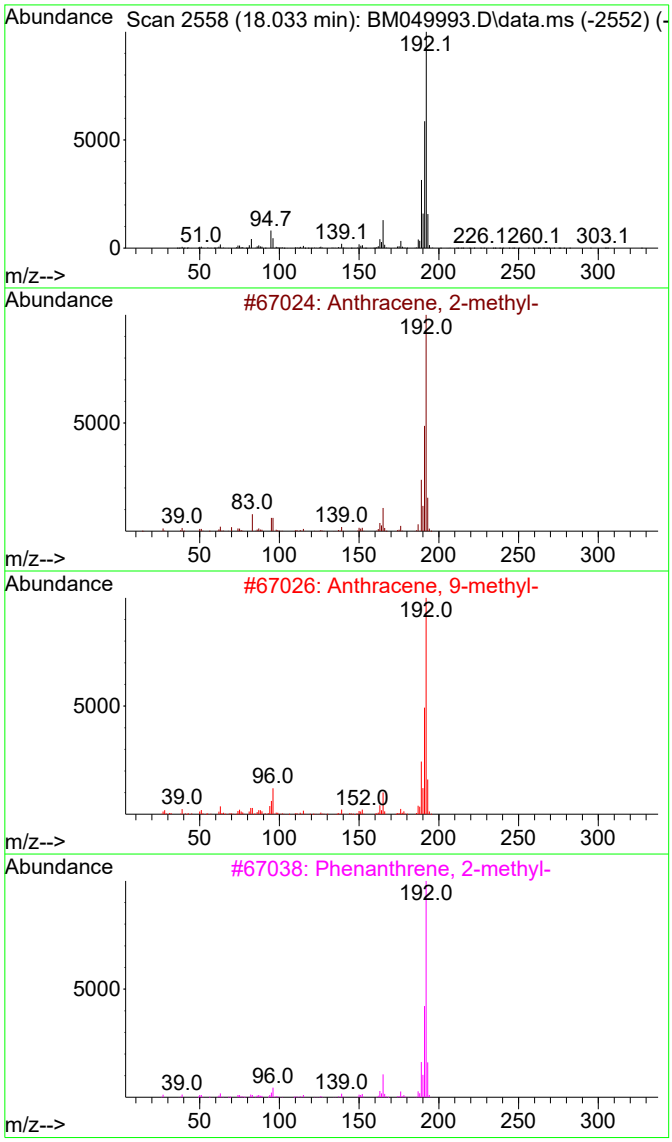
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

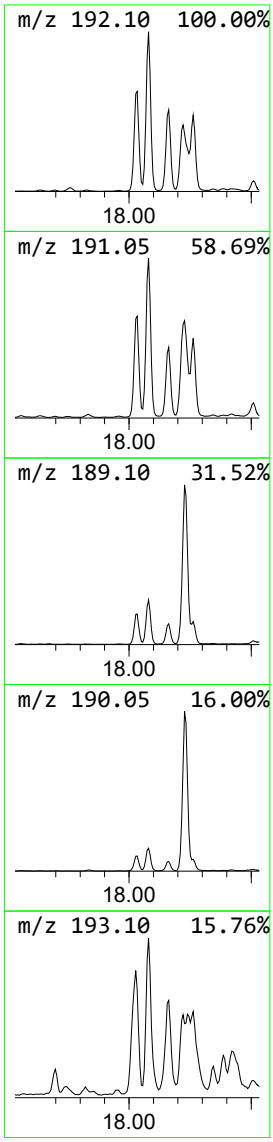
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	14.05 ng	2517700	Phenanthrene-d10	17.157

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

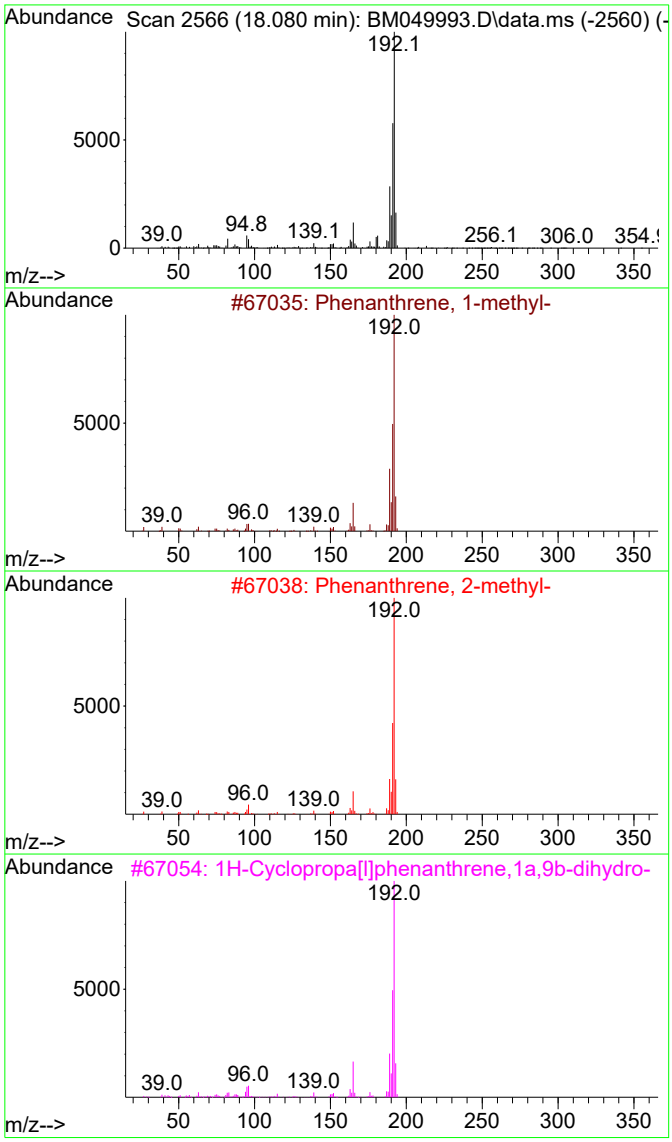
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

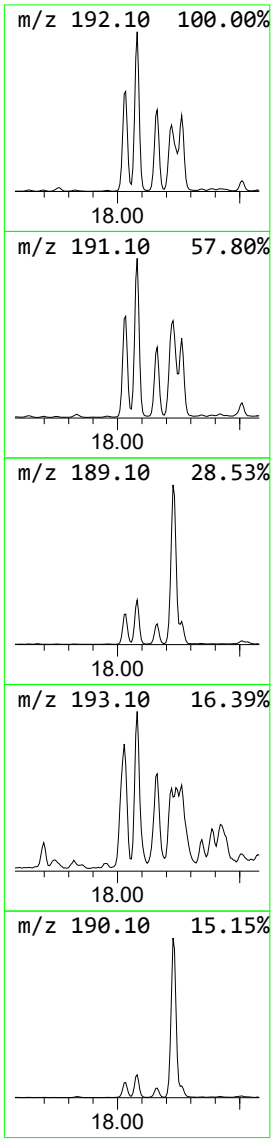
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	38.69 ng	6934560	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

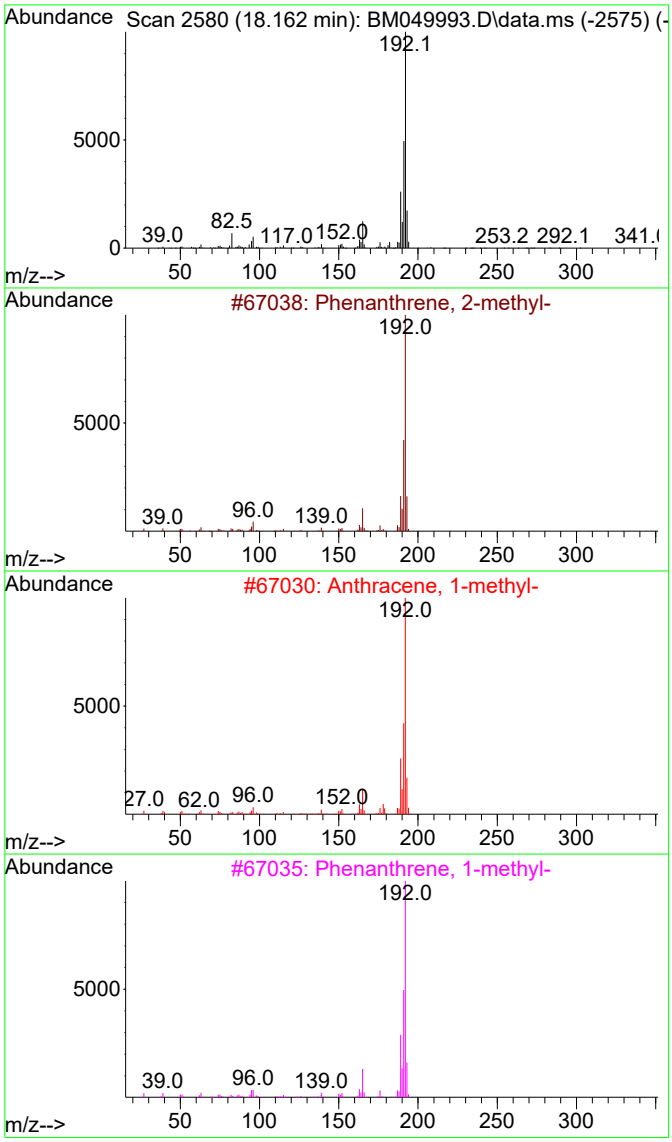
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

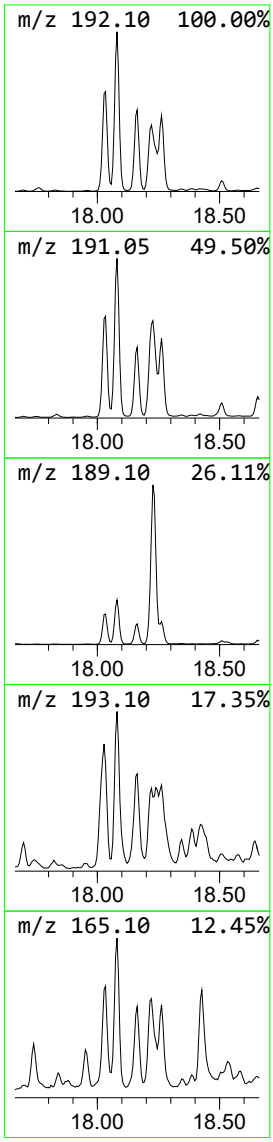
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	10.42 ng	1868420	Phenanthrene-d10	17.157

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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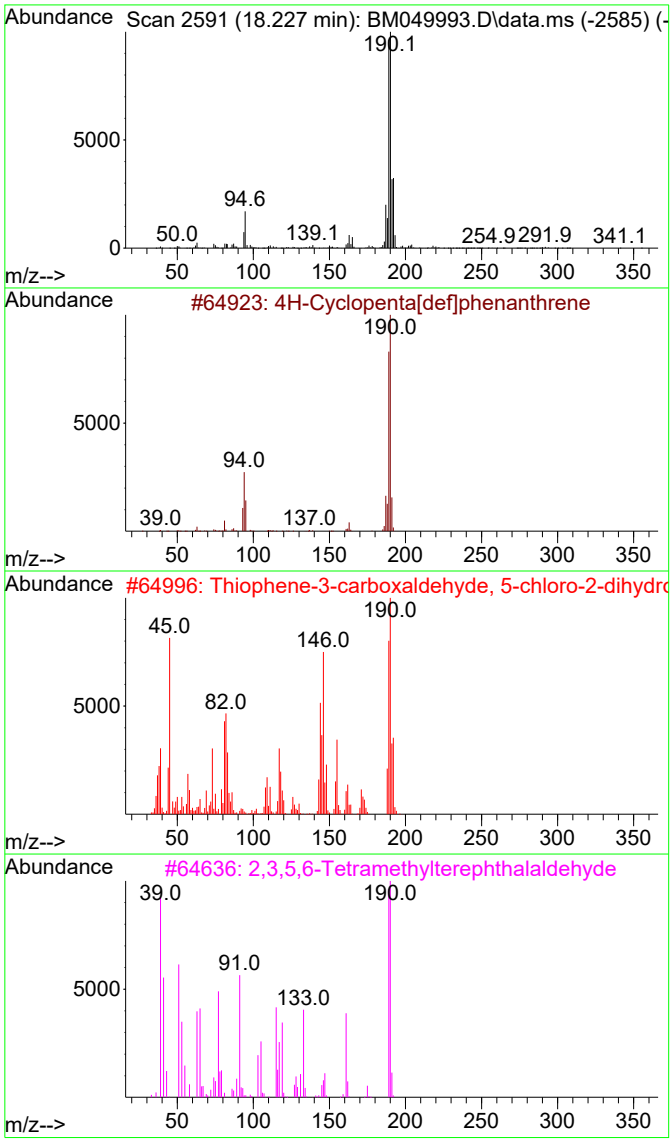
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

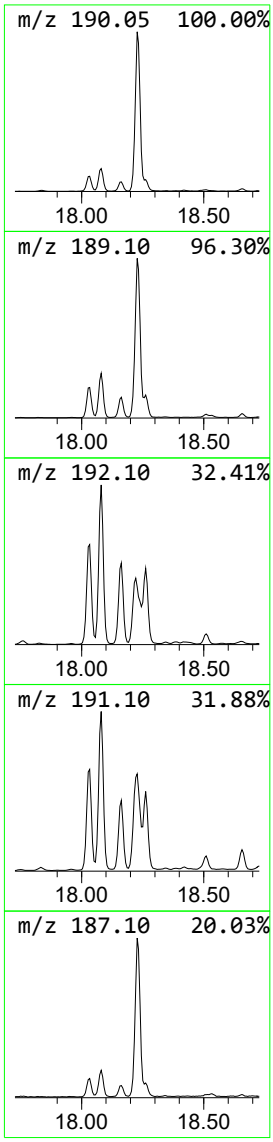
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	35.84 ng	6423920	Phenanthrene-d10	17.157

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	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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ALS Vial : 5 Sample Multiplier: 1

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

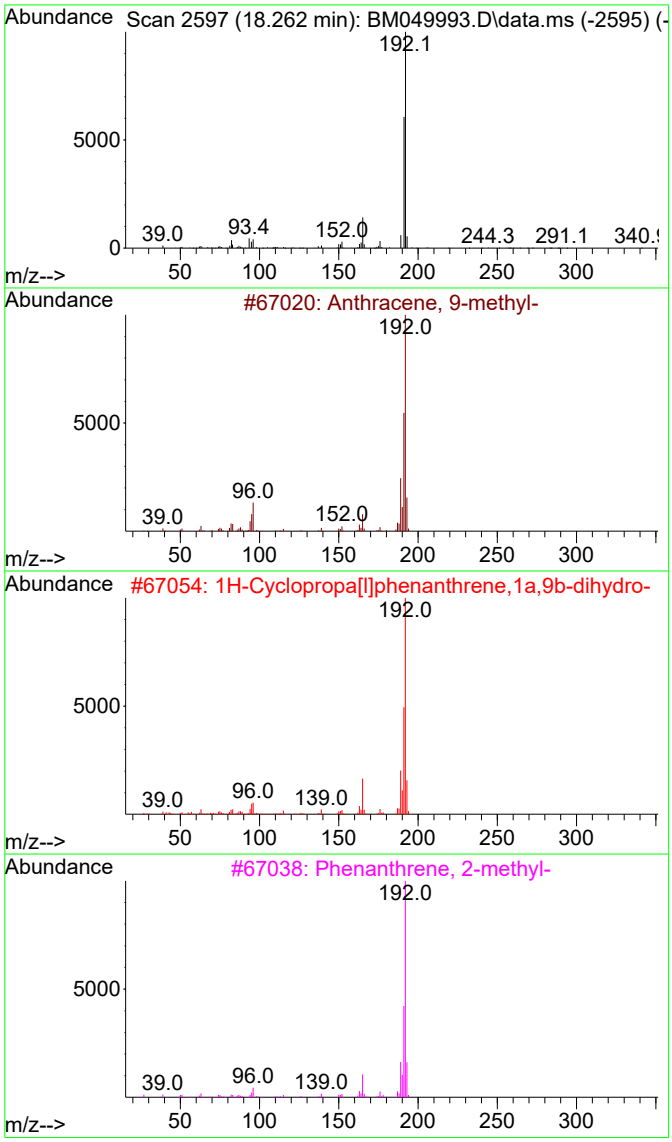
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

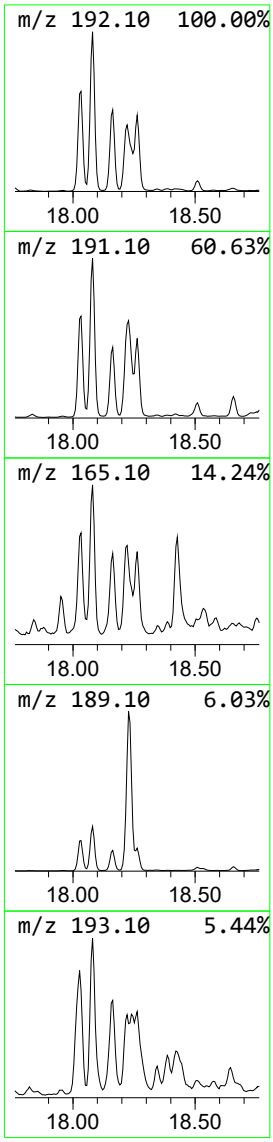
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	8.45 ng	1514020	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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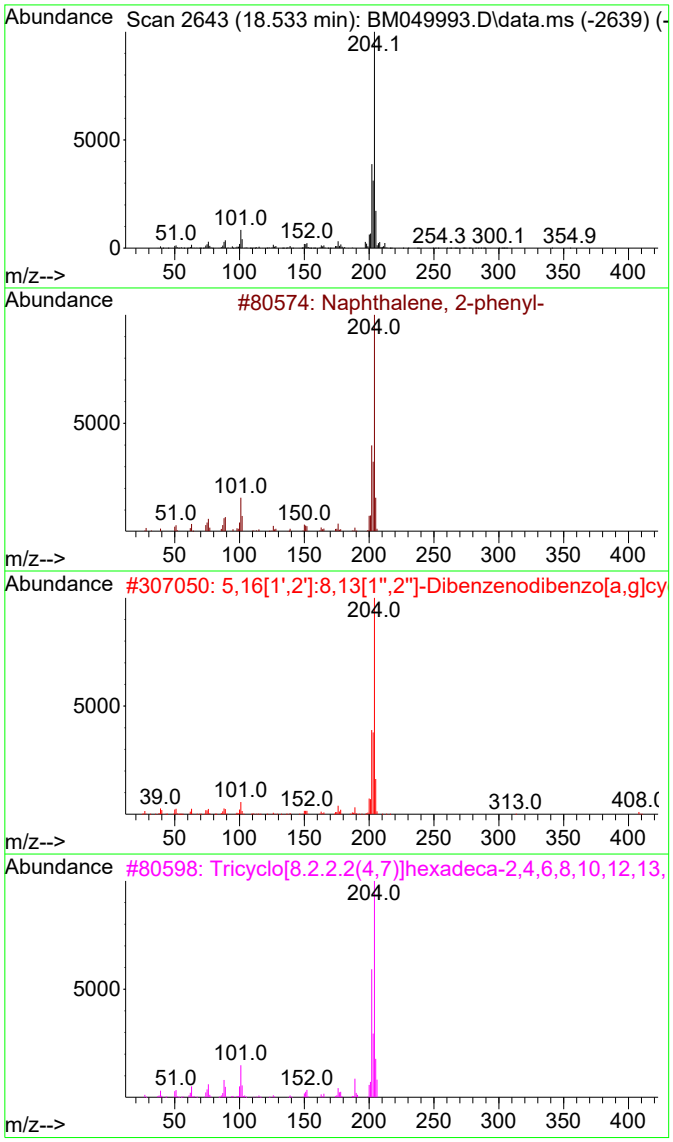
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

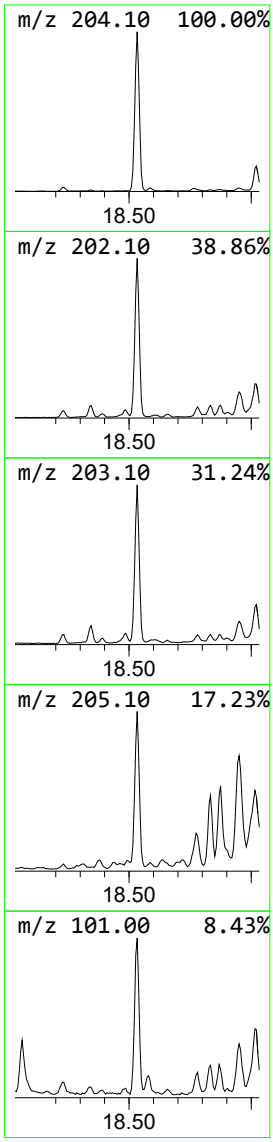
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	11.92 ng	2136930	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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ALS Vial : 5 Sample Multiplier: 1

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

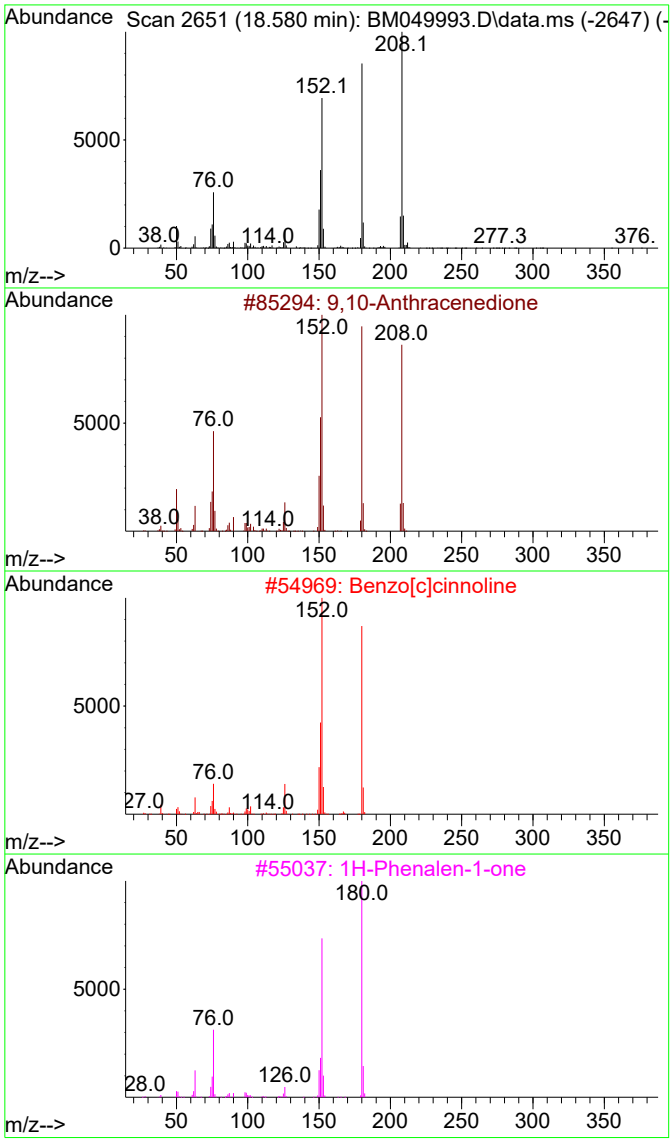
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

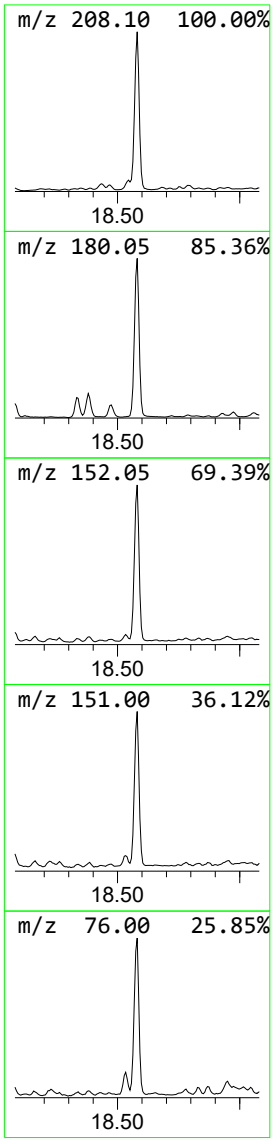
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	19.64 ng	3519620	Phenanthrene-d10	17.157

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	89
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	49
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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ALS Vial : 5 Sample Multiplier: 1

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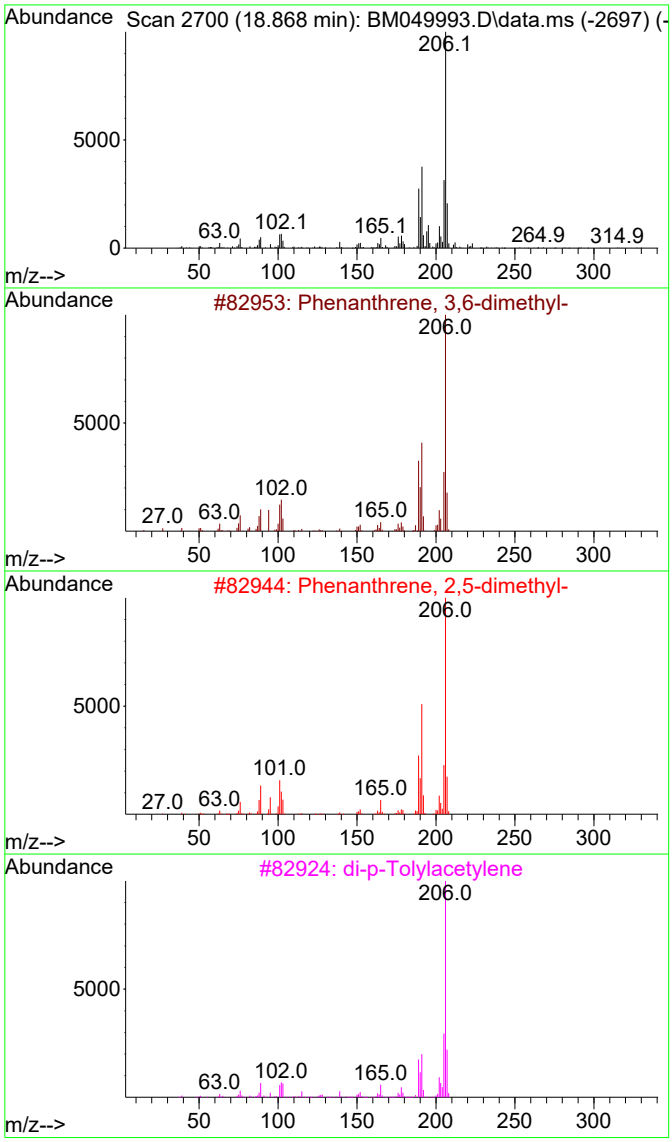
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

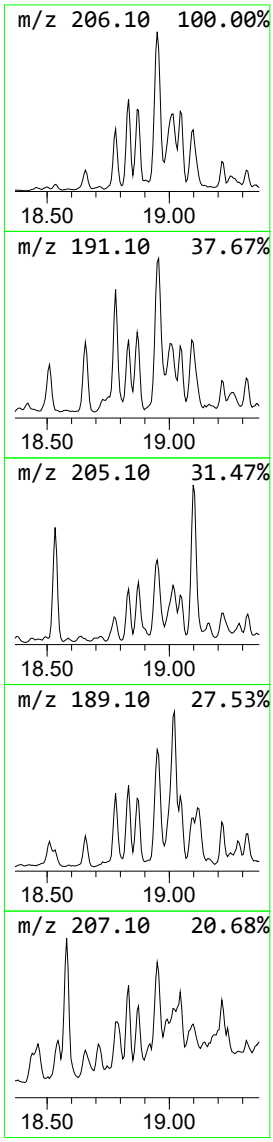
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	4.51 ng	808801	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





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Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

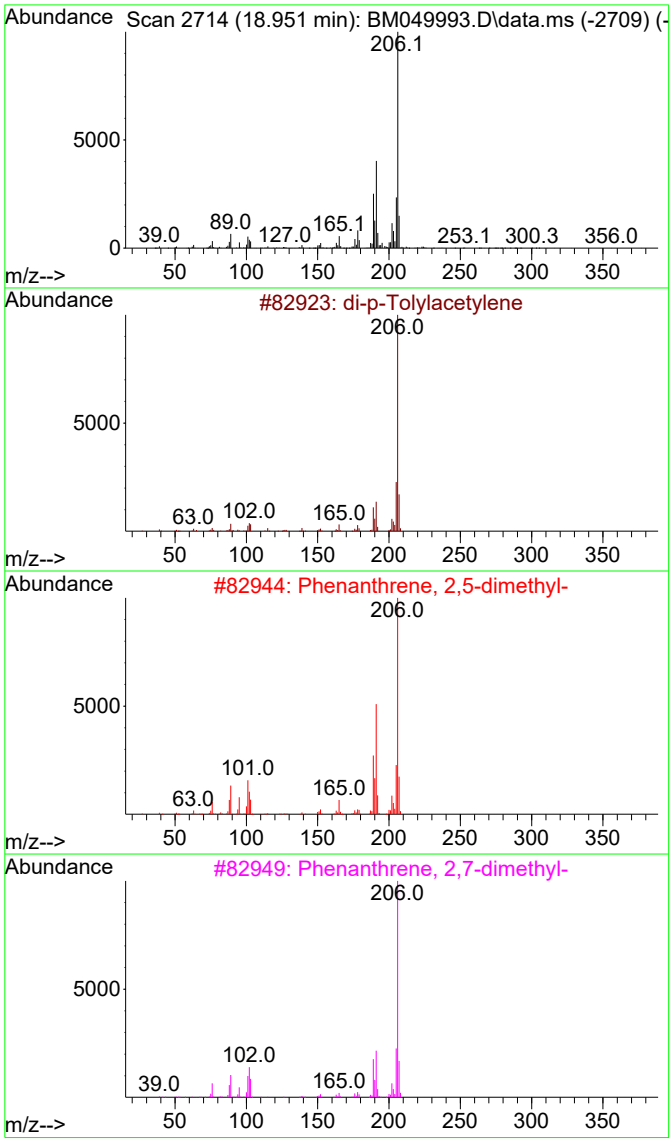
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

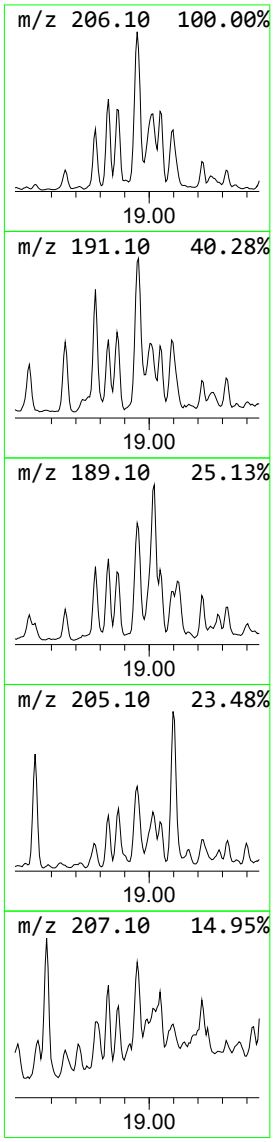
****

Peak Number 13 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	10.66 ng	1910910	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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ALS Vial : 5 Sample Multiplier: 1

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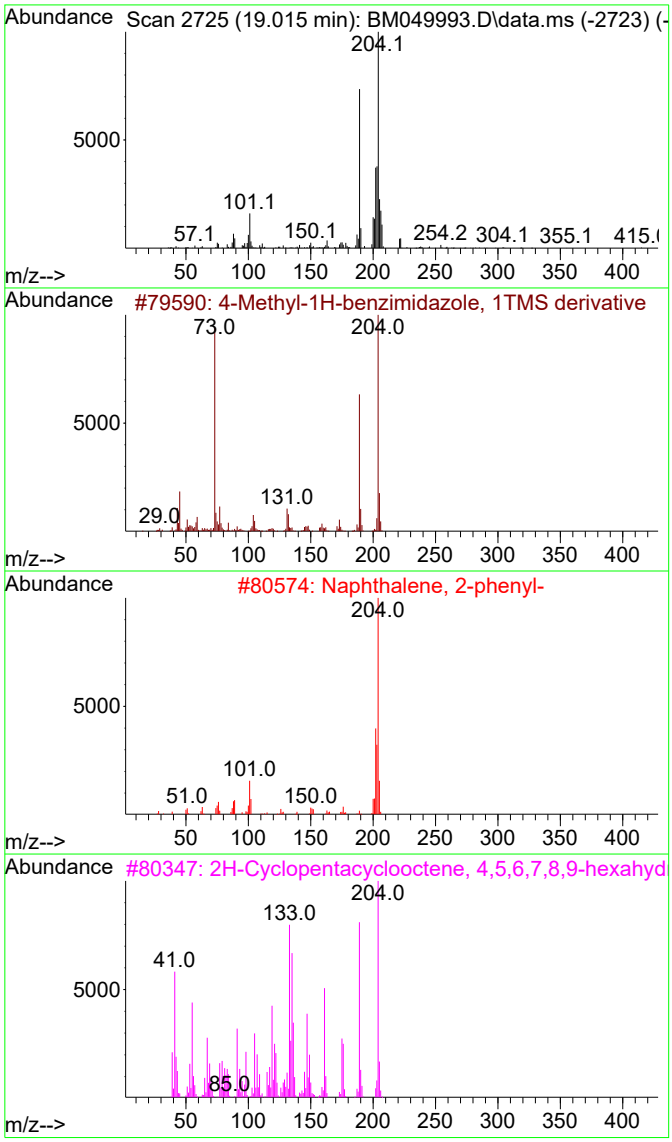
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

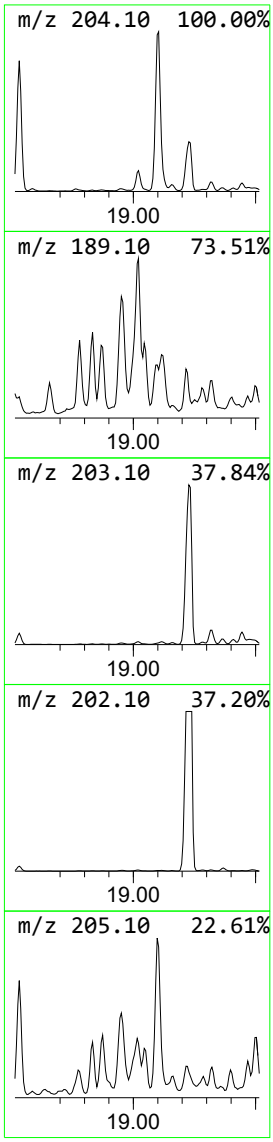
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4-Methyl-1H-benzimidazole, ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.015	5.22 ng	935637	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1H-benzimidazole, 1TMS ...	204	C11H16N2Si	1000486-24-6	53
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	49
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

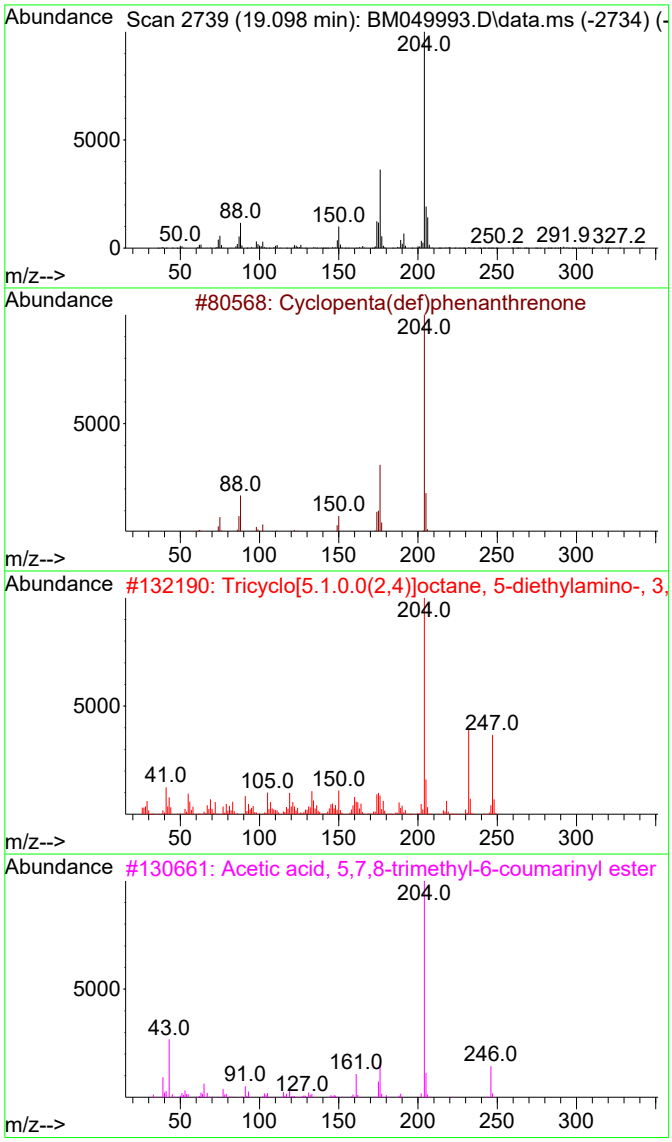
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

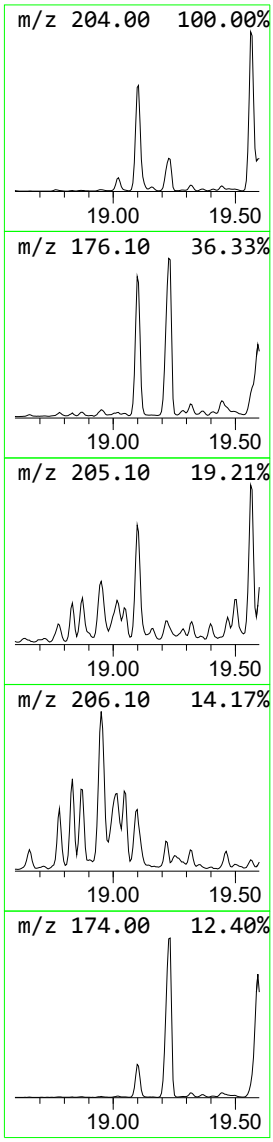
****

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	21.36 ng	3828870	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
3	Acetic acid, 5,7,8-trimethyl-6-c...	246	C14H14O4	100886-58-6	53
4	.alpha.-D-Mannopyranoside, methy...	482	C19H46O6Si4	001769-06-8	50
5	Isopropyl .beta.-D-glucopyranosi...	510	C21H50O6Si4	2137070-18-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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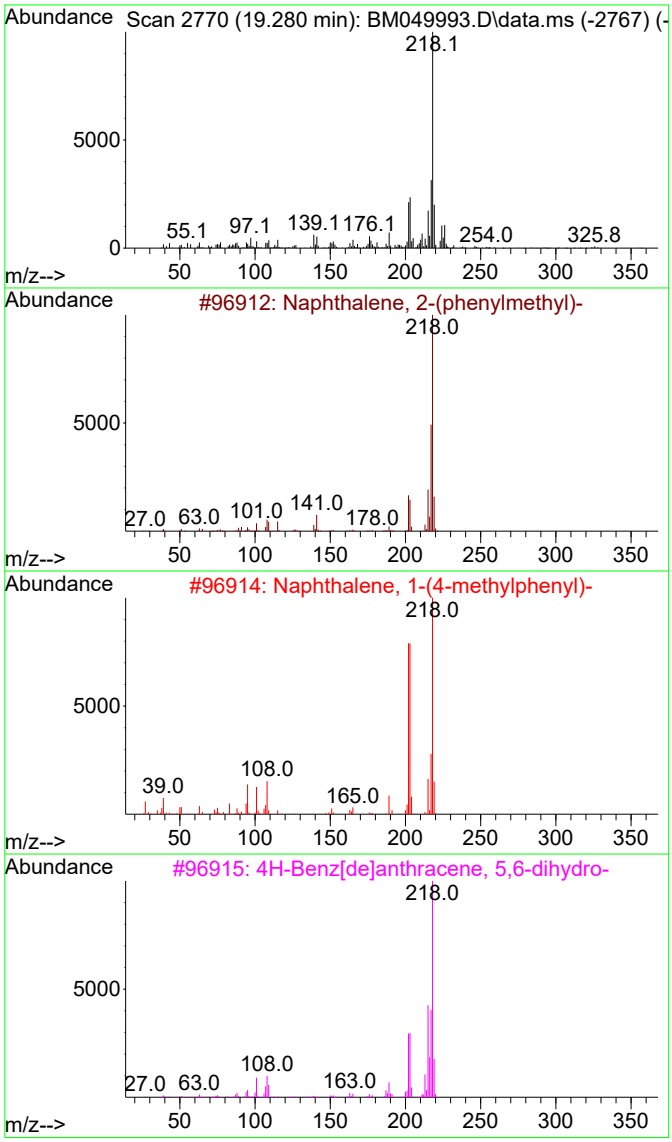
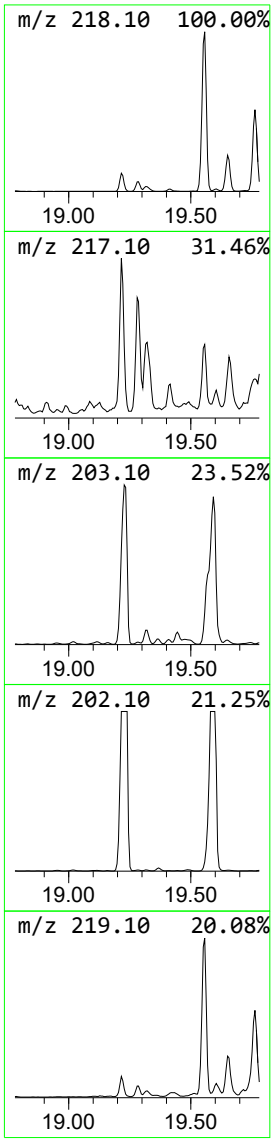
****
Peak Number 16 Naphthalene, 2-(phenylmethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.280	4.44 ng	796038	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	70
2	Naphthalene, 1-(4-methylphenyl)-	218	C17H14	027331-34-6	64
3	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	58
4	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	53
5	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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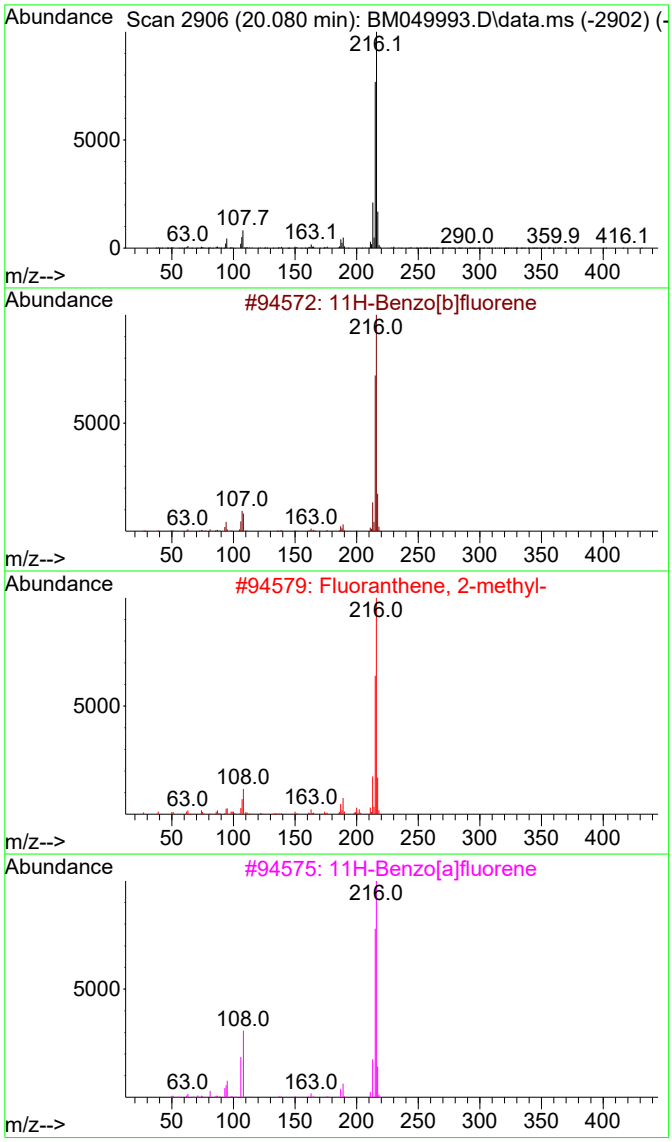
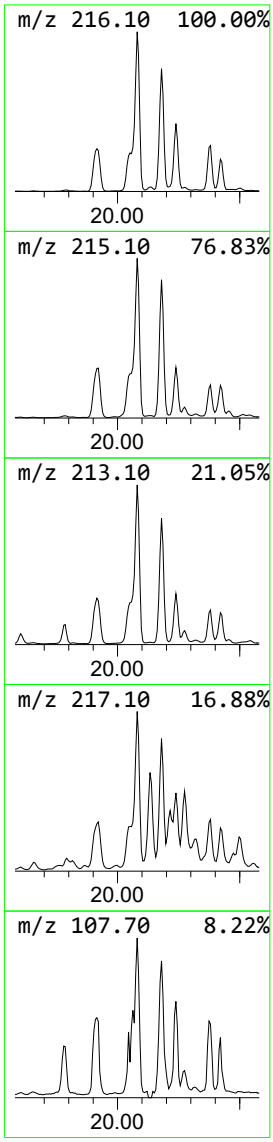
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	5.37 ng	9934950	Chrysene-d12	21.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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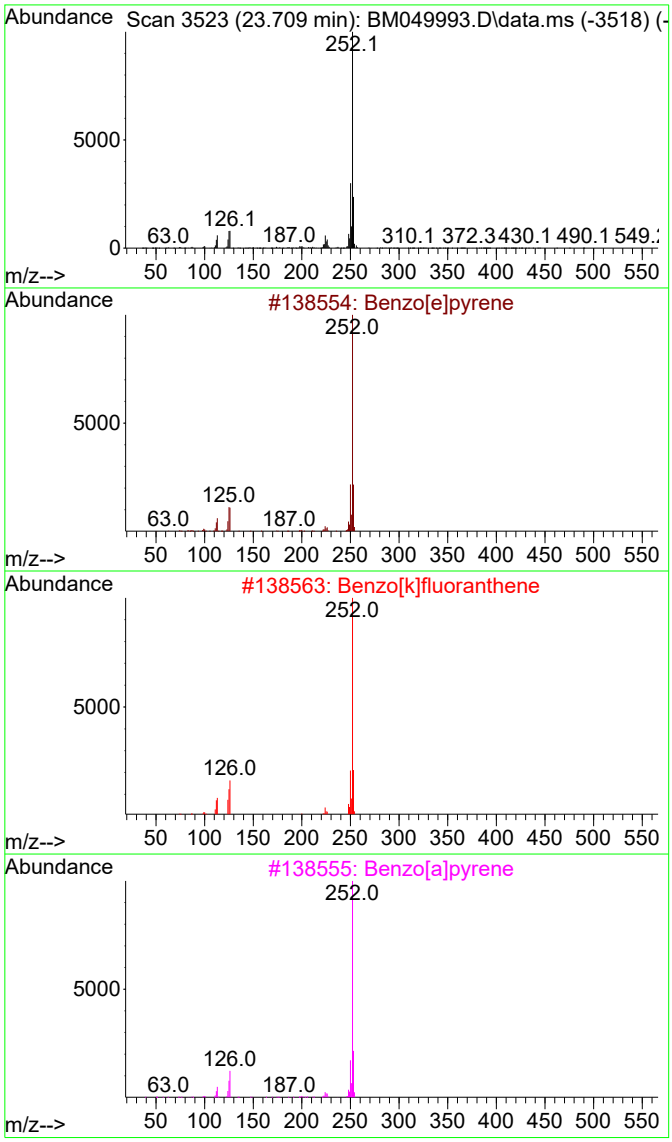
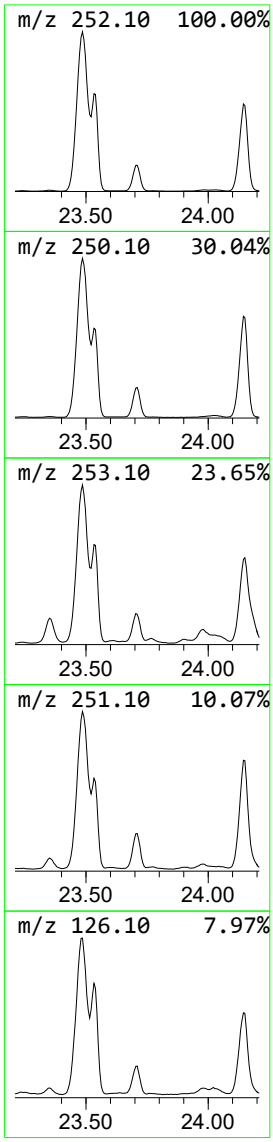
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.709	13.79 ng	3827130	Perylene-d12	24.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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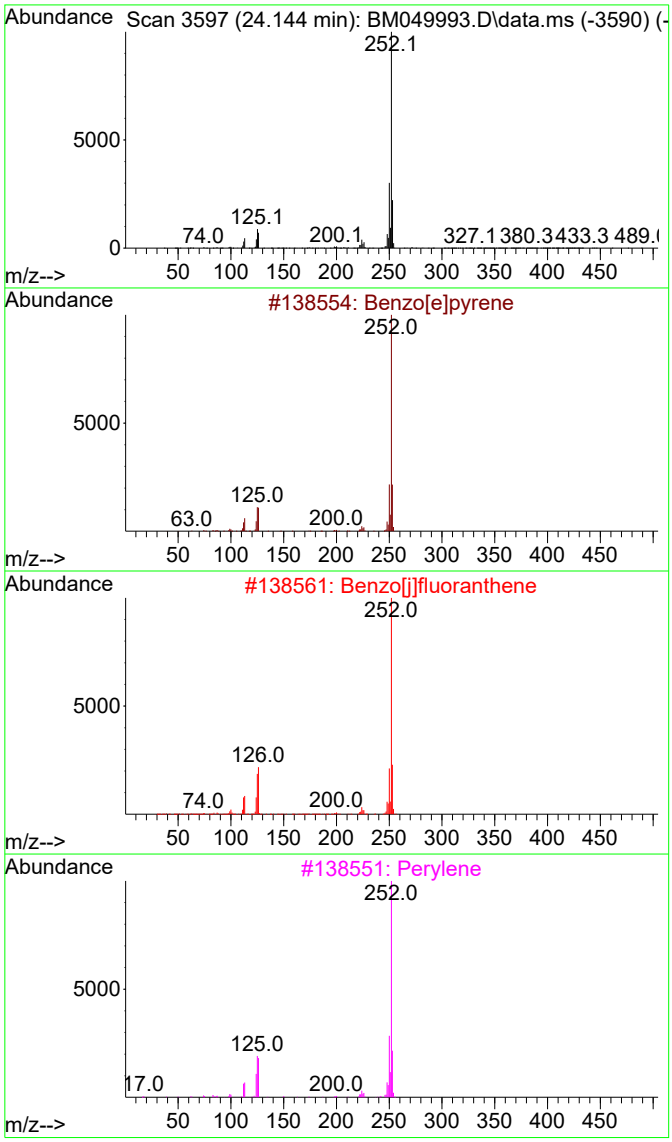
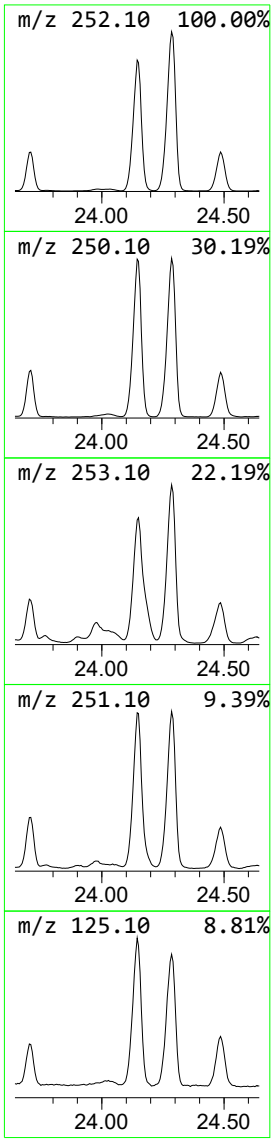
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.144	63.50 ng	17627800	Perylene-d12	24.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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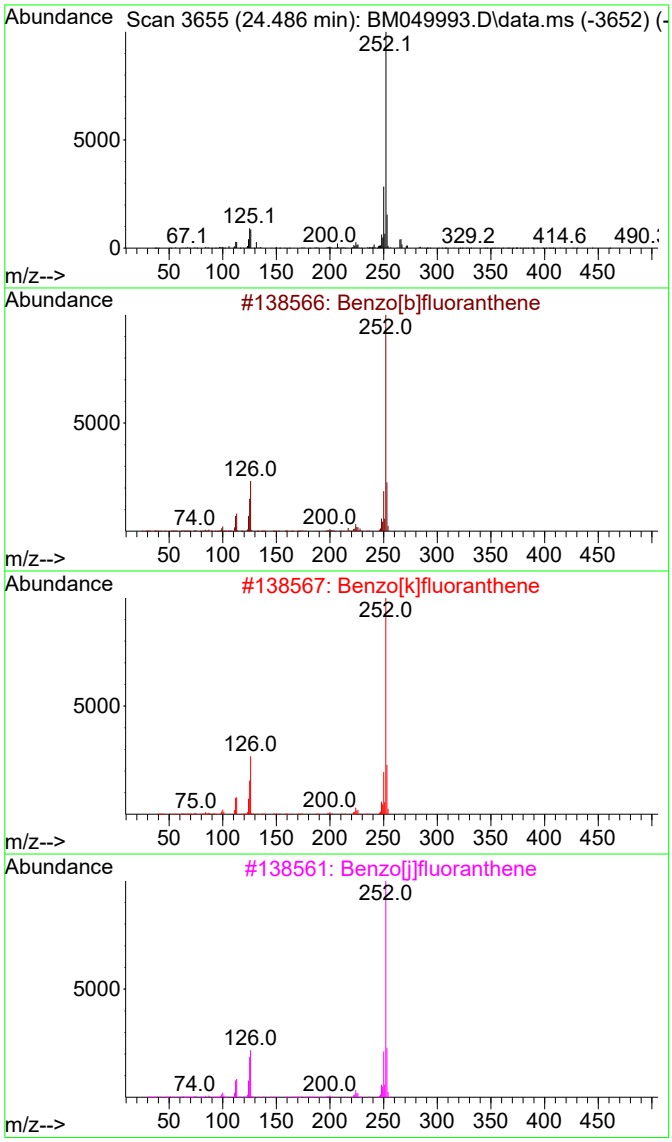
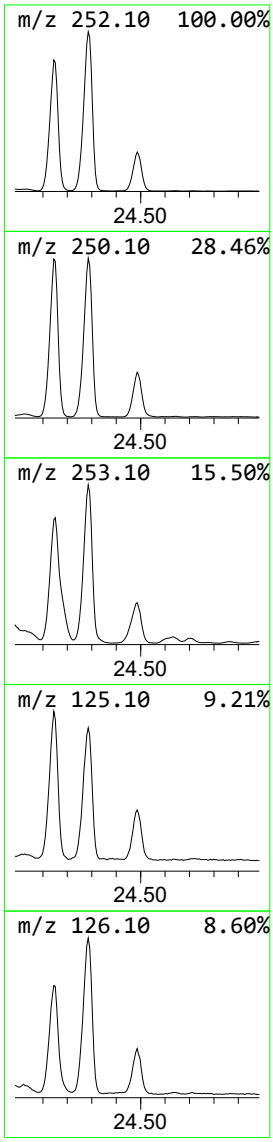
Peak Number 20 unknown24.486 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.486	20.00 ng	5551900	Perylene-d12	24.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	86
5	Benzo[e]pyrene	252	C20H12	000192-97-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049993.D
Acq On : 22 Apr 2025 13:12
Operator : RC/JU
Sample : Q1848-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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-...	4.887	20.6	ng	1793960	1	7.763	1740870	20.0
Benzophenone	15.763	7.5	ng	1143350	3	14.410	3066280	20.0
1(2H)-Acenaphth...	16.133	4.6	ng	821964	4	17.157	3585030	20.0
Dibenzothiophene	16.974	7.2	ng	1295020	4	17.157	3585030	20.0
Anthracene, 2-m...	18.033	14.1	ng	2517700	4	17.157	3585030	20.0
Phenanthrene, 1...	18.080	38.7	ng	6934560	4	17.157	3585030	20.0
Phenanthrene, 2...	18.163	10.4	ng	1868420	4	17.157	3585030	20.0
4H-Cyclopenta[d...	18.227	35.8	ng	6423920	4	17.157	3585030	20.0
Anthracene, 9-m...	18.262	8.4	ng	1514020	4	17.157	3585030	20.0
Naphthalene, 2-...	18.533	11.9	ng	2136930	4	17.157	3585030	20.0
9,10-Anthracene...	18.580	19.6	ng	3519620	4	17.157	3585030	20.0
Phenanthrene, 3...	18.868	4.5	ng	808801	4	17.157	3585030	20.0
di-p-Tolylacety...	18.951	10.7	ng	1910910	4	17.157	3585030	20.0
4-Methyl-1H-ben...	19.015	5.2	ng	935637	4	17.157	3585030	20.0
Cyclopenta(def)...	19.098	21.4	ng	3828870	4	17.157	3585030	20.0
Naphthalene, 2-...	19.280	4.4	ng	796038	4	17.157	3585030	20.0
11H-Benzo[b]flu...	20.080	5.4	ng	9934950	5	21.409	37014600	20.0
Benzo[e]pyrene	23.709	13.8	ng	3827130	6	24.415	5551900	20.0
Benzo[j]fluoran...	24.144	63.5	ng	17627800	6	24.415	5551900	20.0
unknown24.486	24.486	20.0	ng	5551900	6	24.415	5551900	20.0