LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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: BM049941.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	318	324	332	rBV	836119	1135338	2.75%	0.290%
2	5.357	397	403	421	rVB	2314400	3542405	8.59%	0.904%
3	6.951	665	674	686	rBV	2112223	3484476	8.45%	0.889%
4	7.775	806	814	823	rBV	1626242	2570383	6.23%	0.656%
5	8.928	1003	1010	1020	rBV	1310701	2169012	5.26%	0.553%
6	10.569	1280	1289	1295	rBV	1745120	3014564	7.31%	0.769%
7	13.033	1701	1708	1721	rBV	3243209	4851490	11.76%	1.238%
8	14.416	1935	1943	1949	rBV	2485520	3623511	8.78%	0.924%
9	14.480	1949	1954	1961	rVB	613006	882623	2.14%	0.225%
10	14.816	2005	2011	2019	rBV	284561	428728	1.04%	0.109%
11	15.463	2116	2121	2133	rVB	784794	1179487	2.86%	0.301%
12	15.774	2167	2174	2182	rVB2	953216	1482246	3.59%	0.378%
13	15.910	2190	2197	2205	rBV	2572079	3828609	9.28%	0.977%
14	16.468	2282	2292	2297	rBV3	227410	485243	1.18%	0.124%
15	16.821	2347	2352	2359	rVB2	267215	434682	1.05%	0.111%
16	16.980	2375	2379	2389	rVB	641090	913775	2.21%	0.233%
17	17.162	2404	2410	2413	rBV	2767038	3955168	9.59%	1.009%
18	17.210	2413	2418	2424	rVV	14193509	19886688	48.20%	5.074%
19	17.298	2424	2433	2438	rVV	4307804	6278952	15.22%	1.602%
20	17.357	2438	2443	2448	rVV	385418	586936	1.42%	0.150%
21	17.568	2470	2479	2484	rBV2	1321795	2274612	5.51%	0.580%
22	18.039	2550	2559	2561	rBV	1571800	2335535	5.66%	0.596%
23	18.086	2561	2567	2576	rVV	2764971	5249010	12.72%	1.339%
24	18.168	2576	2581	2586	rVV	1199951	1822294	4.42%	0.465%
25	18.233	2586	2592	2596	rVV2	3317963	5822929	14.11%	1.486%
26	18.268	2596	2598	2605	rVB	1101845	1382116	3.35%	0.353%
27	18.539	2639	2644	2648	rBV	1459879	1864641	4.52%	0.476%
28	18.580	2648	2651	2657	rVB	809611	1027032	2.49%	0.262%
29	18.786	2683	2686	2690	rVB2	400914	479318	1.16%	0.122%
30	18.839	2691	2695	2698	rVV	360173	430228	1.04%	0.110%
31	18.874	2698	2701	2705	rVB	348308	422470	1.02%	0.108%
32	18.956	2710	2715	2720	rBV2	731102	1337138	3.24%	0.341%
33	19.027	2723	2727	2730	rVV3	431256	532638	1.29%	0.136%
34	19.104	2735	2740	2748	rVV2	803971	1411139	3.42%	0.360%
35	19.233	2755	2762	2767	rBV2	28580910	41254727	100.00%	10.525%
36	19.345	2774	2781	2789	rBV4	3101643	5573731	13.51%	1.422%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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	19.468	2798	2802	2806	rVB	657980	847175	2.05%	0.216%
38	19.562	2812	2818	2819	rBV2	5643004	7774716	18.85%	1.984%
39	19.592	2819	2823	2830	rVV	25516878	35389981	85.78%	9.029%
40	19.656	2830	2834	2840	rVB2	1087976	1575630	3.82%	0.402%
41	19.786	2848	2856	2860	rBV2	4682127	7514373	18.21%	1.917%
42	19.833	2860	2864	2869	rVB	1320043	2061902	5.00%	0.526%
43	19.909	2871	2877	2879	rBV	1319348	2574596	6.24%	0.657%
44	19.962	2883	2886	2890	rVB	478392	548157	1.33%	0.140%
45	20.045	2895	2900	2902	rVV4	1084591	1922295	4.66%	0.490%
46	20.080	2902	2906	2912	rVB	4783368	6600791	16.00%	1.684%
47	20.180	2919	2923	2927	rBV	4236262	5349068	12.97%	1.365%
48	20.239	2927	2933	2936	rVV2	2139585	3638164	8.82%	0.928%
49	20.274	2936	2939	2944	rVB2	1124872	1608582	3.90%	0.410%
50	20.321	2944	2947	2952	rVB3	525620	730204	1.77%	0.186%
51	20.380	2953	2957	2960	rBV	951360	1280518	3.10%	0.327%
52	20.427	2961	2965	2969	rBV2	1405688	1952912	4.73%	0.498%
53	20.792	3024	3027	3030	rBV	479981	654845	1.59%	0.167%
54	20.833	3031	3034	3040	rVB	1409018	1985343	4.81%	0.507%
55	21.003	3058	3063	3067	rBV3	1977463	3305479	8.01%	0.843%
56	21.045	3067	3070	3074	rVV	2292731	3124083	7.57%	0.797%
57	21.092	3074	3078	3083	rVV2	2371285	4329258	10.49%	1.105%
58	21.150	3084	3088	3100	rVB2	1494041	2776122	6.73%	0.708%
59	21.392	3119	3129	3135	rBV3	17985089	33419332	81.01%	8.526%
60	21.450	3135	3139	3150	rVB	12765724	19701384	47.76%	5.026%
61	21.592	3159	3163	3169	rBV	2924776	4283777	10.38%	1.093%
62	21.792	3192	3197	3203	rVB2	1570278	2802358	6.79%	0.715%
63	22.092	3245	3248	3253	rVB	1810989	2718946	6.59%	0.694%
64	22.162	3257	3260	3267	rVB	953134	1456424	3.53%	0.372%
65	22.292	3279	3282	3287	rVB3	931427	1432114	3.47%	0.365%
66	22.350	3288	3292	3295	rVV2	1068456	1777059	4.31%	0.453%
67	22.392	3296	3299	3306	rVB3	1392939	2374705	5.76%	0.606%
68	23.480	3475	3484	3490	rBV	8486875	25749335	62.42%	6.569%
69	23.709	3517	3523	3530	rVB	1727621	3408120	8.26%	0.870%
70	24.144	3590	3597	3609	rVB	4990286	13185038	31.96%	3.364%
71	24.286	3612	3621	3633	rVB	8152085	19973002	48.41%	5.096%
72	24.421	3638	3644	3649	rVV	2120535	5398343	13.09%	1.377%
73	24.486	3651	3655	3670	rVB	2216716	5622643	13.63%	1.434%
74	27.832	4215	4224	4244	rVB2	3078743	13161188	31.90%	3.358%

Sum of corrected areas: 391961836

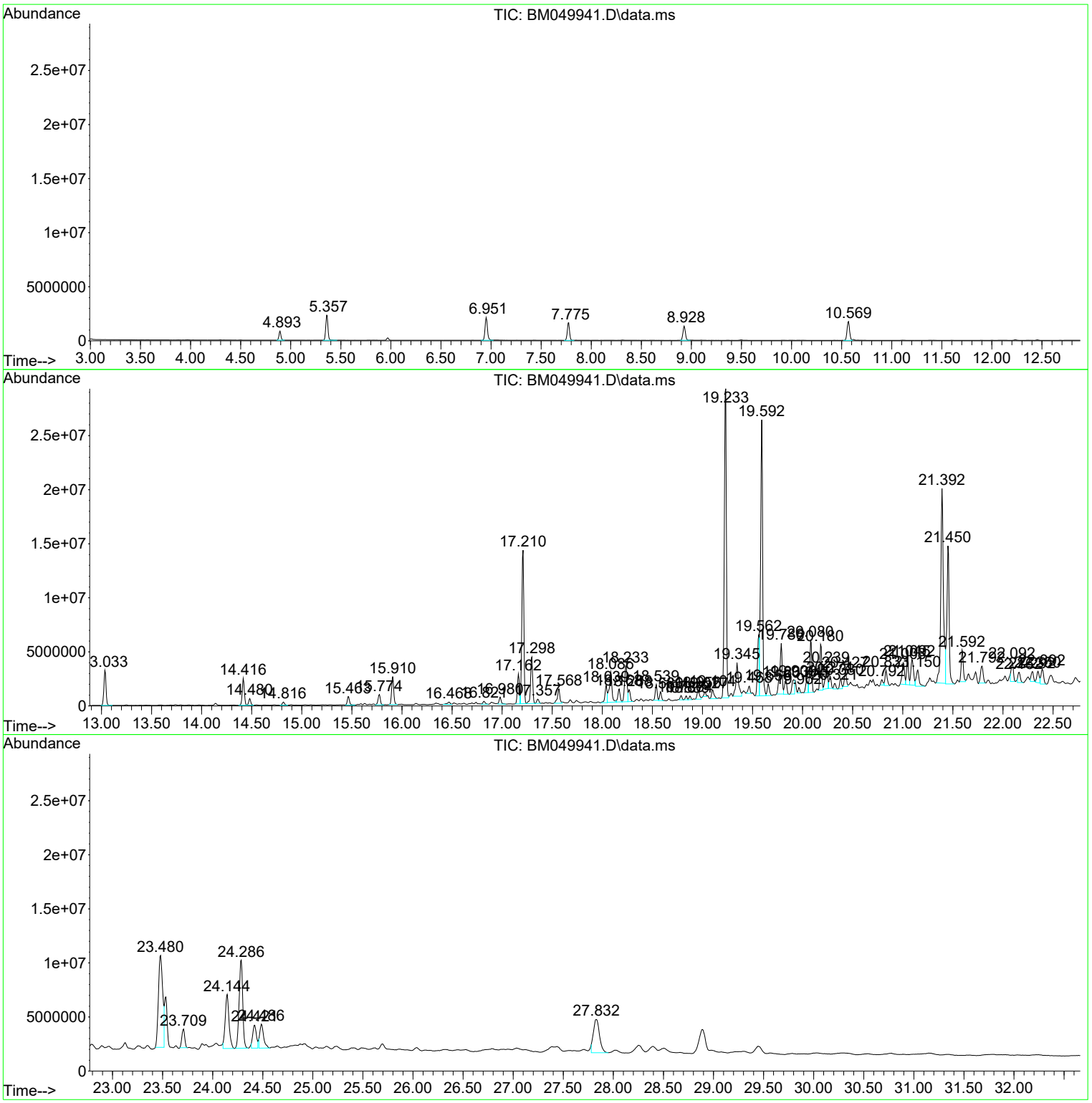
Instrument :
BNA_M
ClientSampleId :
WC-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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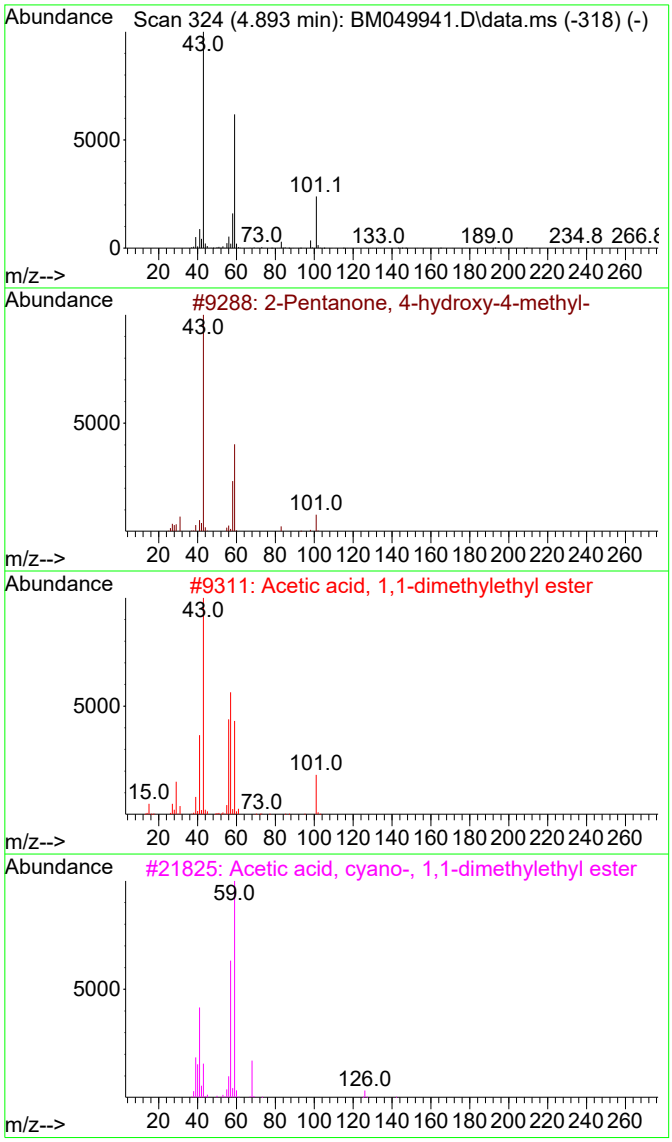
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

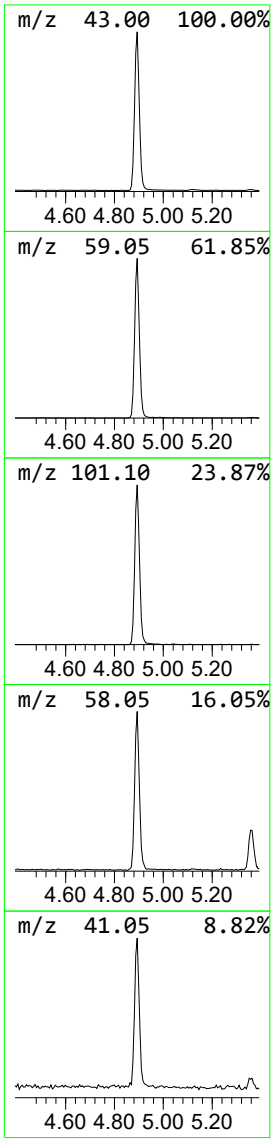
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	8.83 ng	1135340	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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

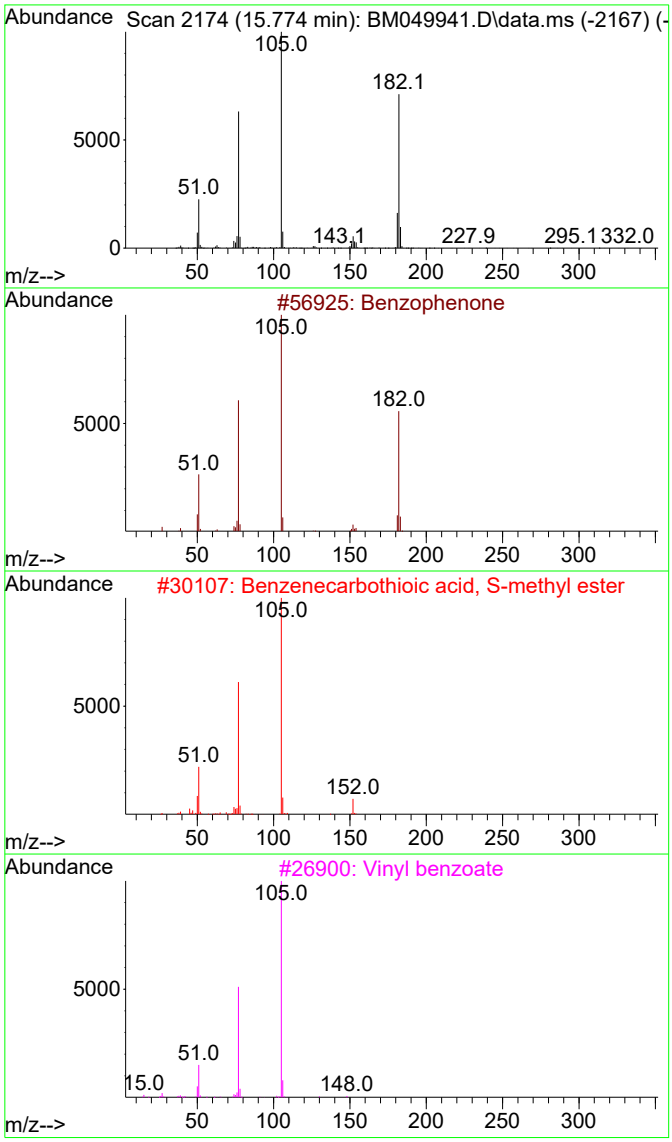
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

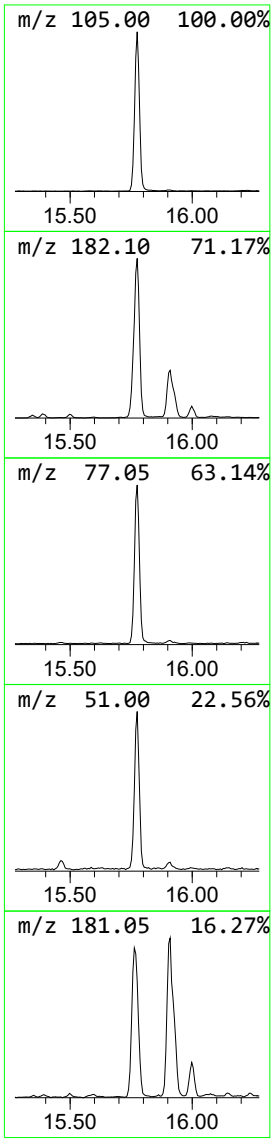
****

Peak Number 2 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	8.18 ng	1482250	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	43
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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

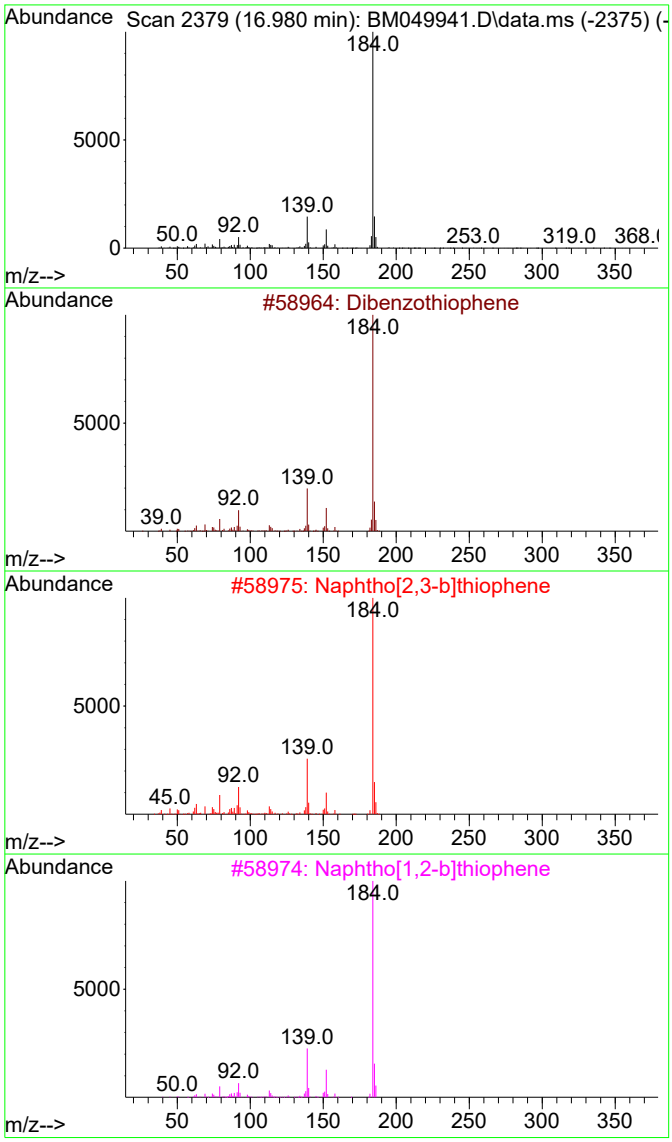
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

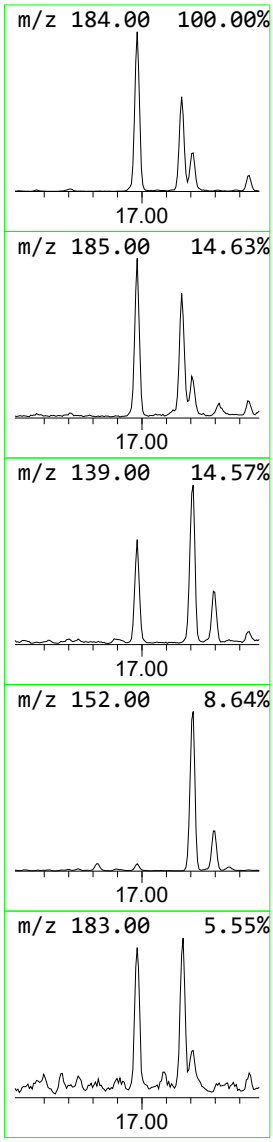
****

Peak Number 3 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	4.62 ng	913775	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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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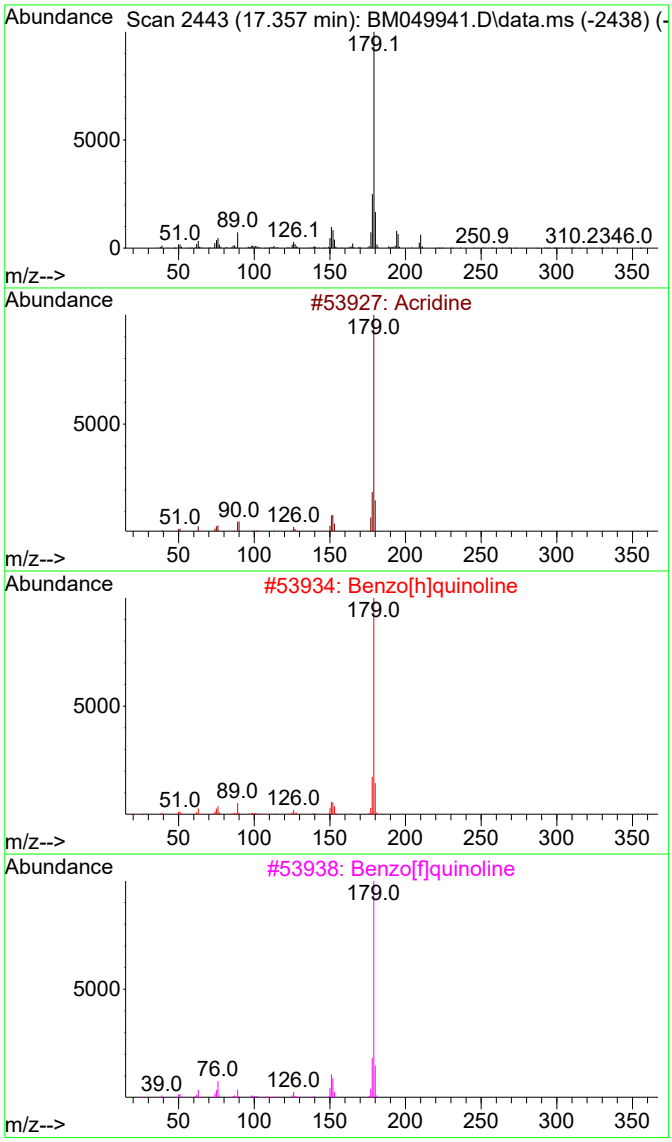
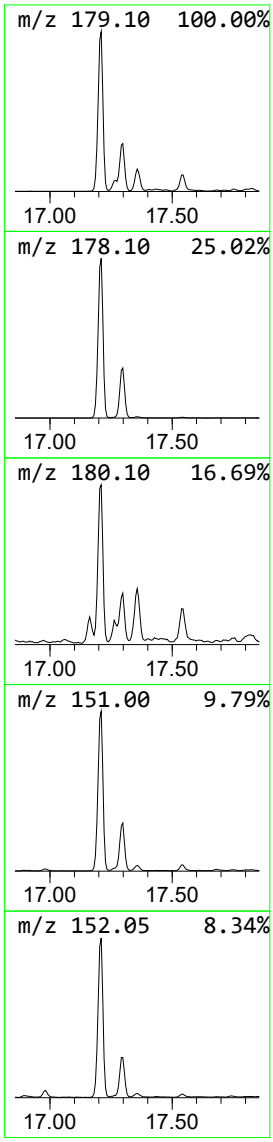
Peak Number 4 Acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.357	2.97 ng	586936	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	93
4	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	93
5	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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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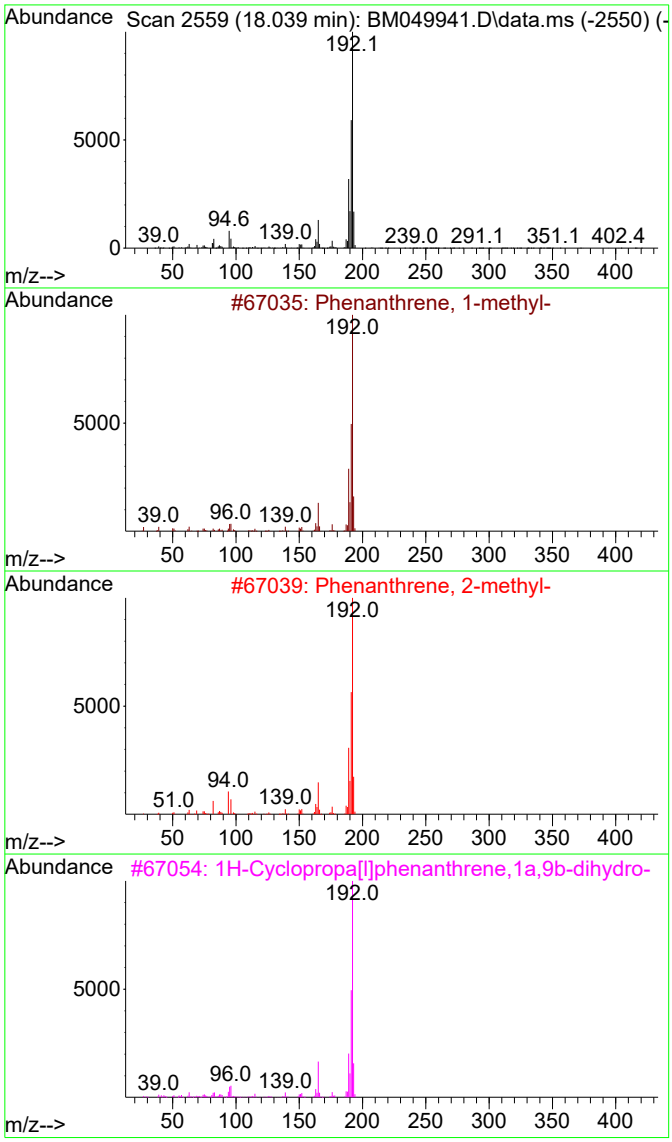
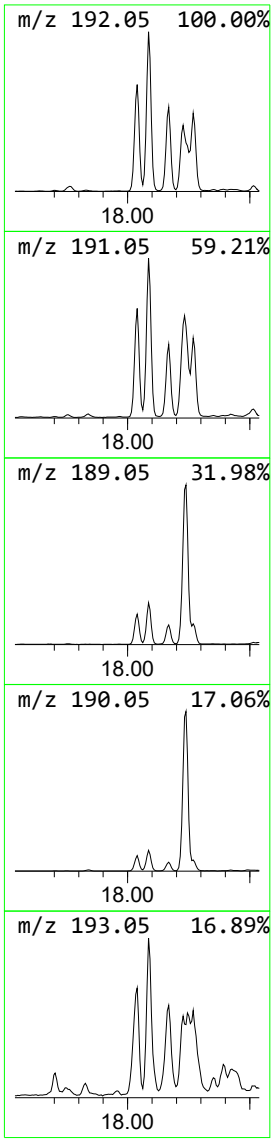
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	11.81 ng	2335540	Phenanthrene-d10	17.163

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	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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

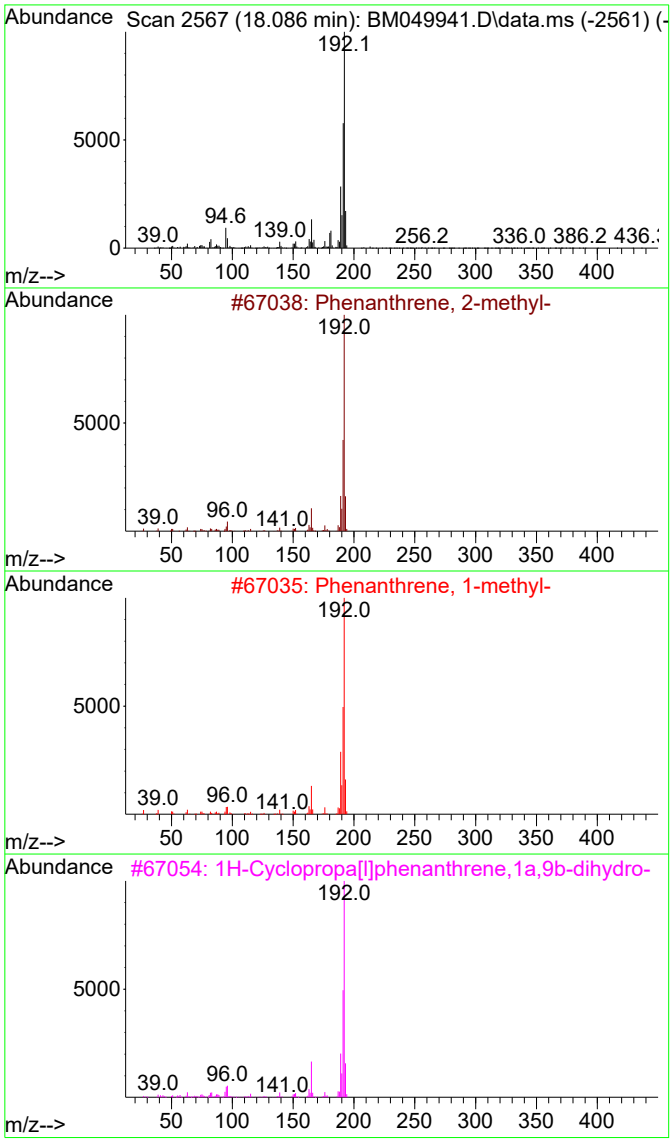
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

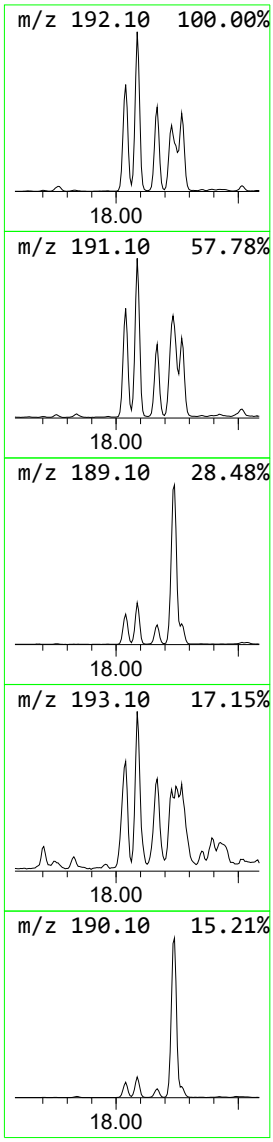
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	26.54 ng	5249010	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

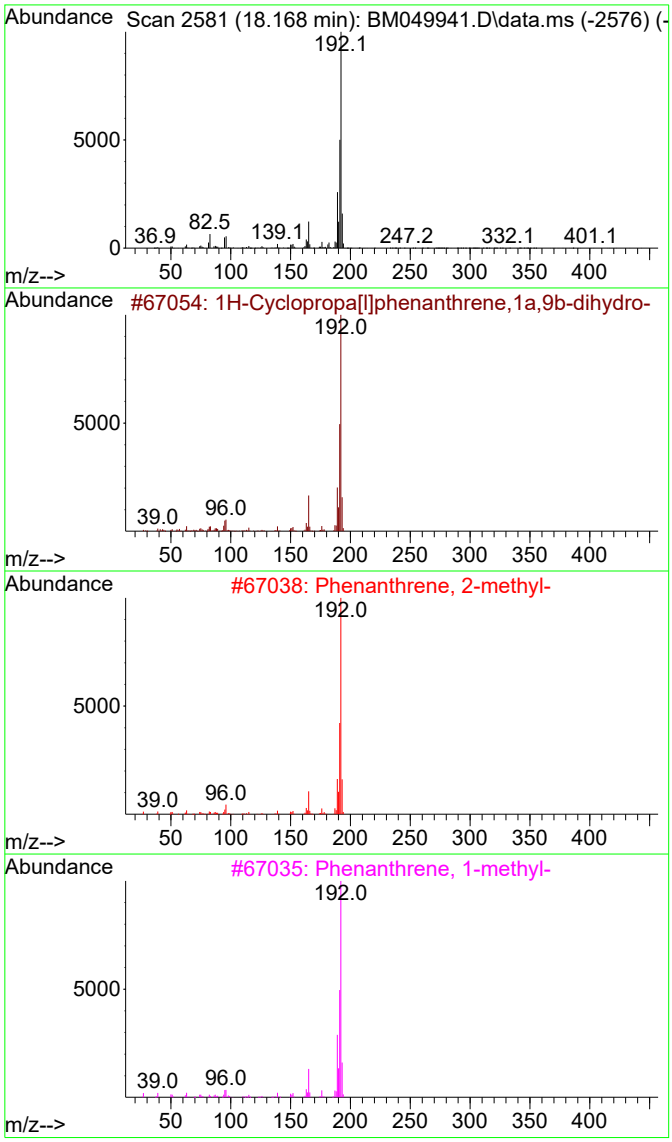
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

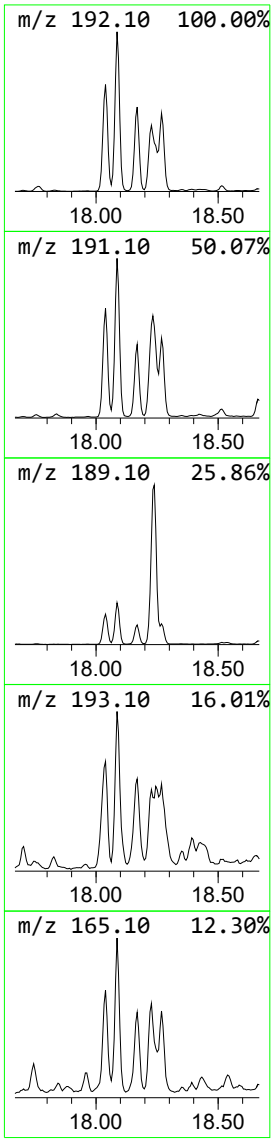
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	9.21 ng	1822290	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96





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Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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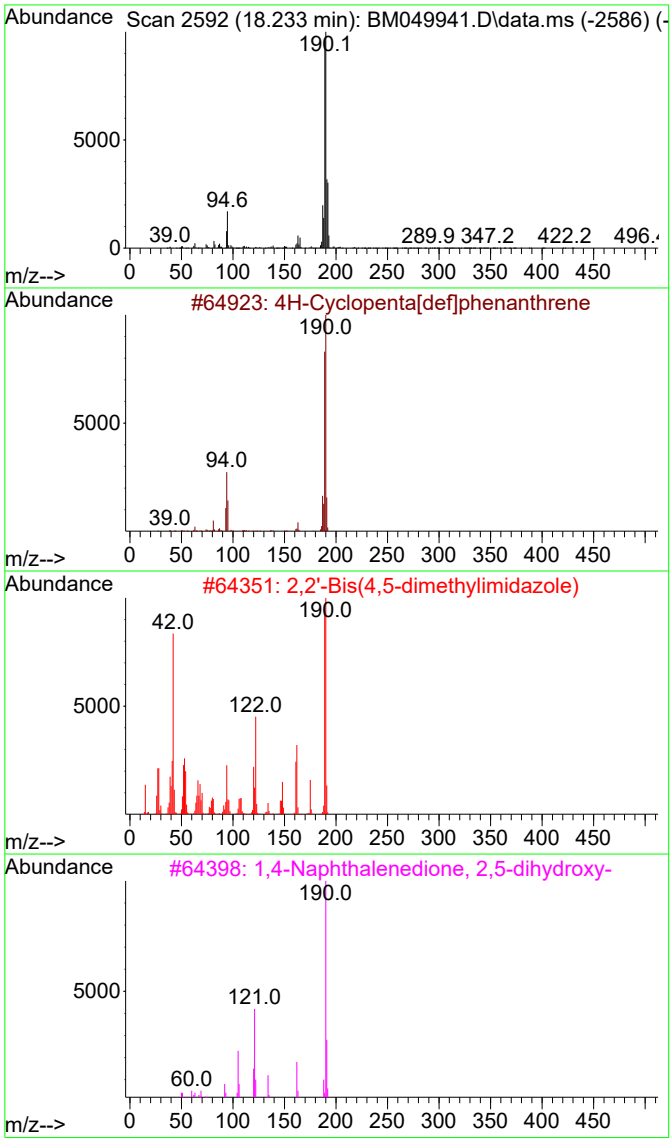
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

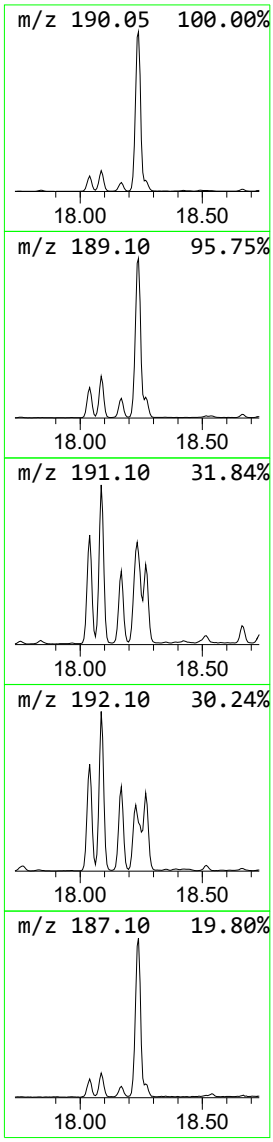
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	29.44 ng	5822930	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	38
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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

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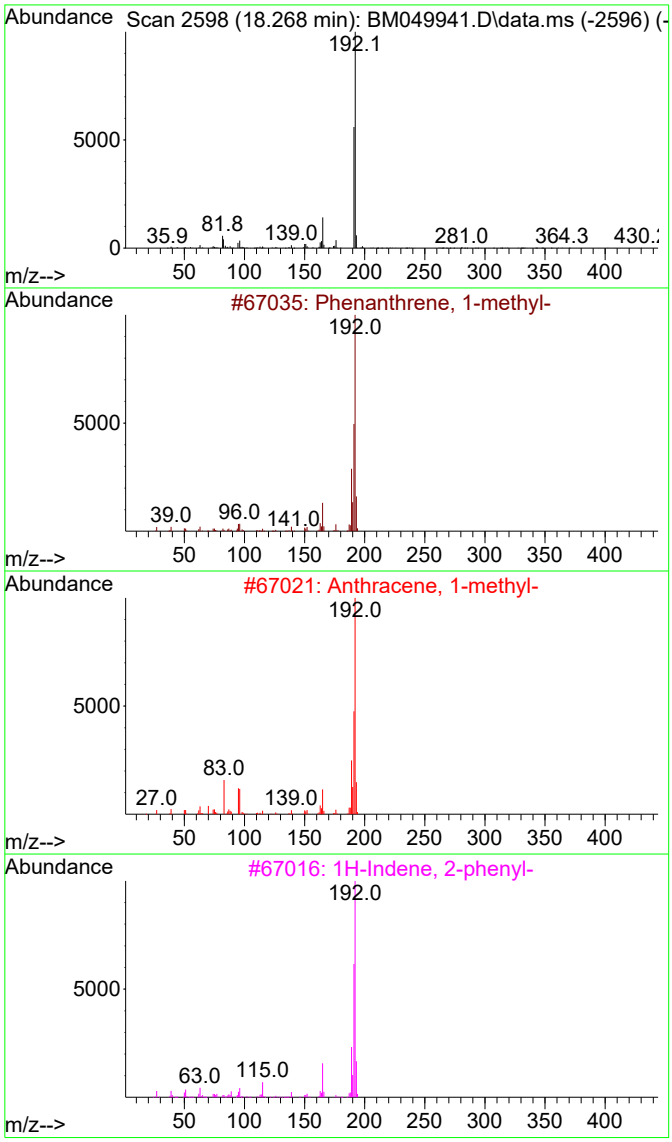
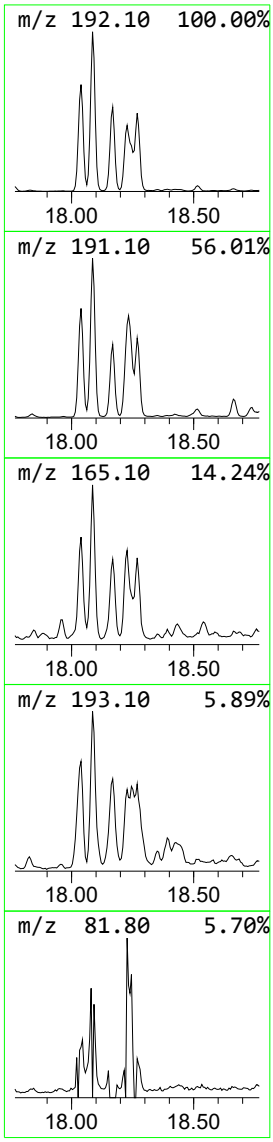
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	6.99 ng	1382120	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72





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ALS Vial : 16 Sample Multiplier: 1

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

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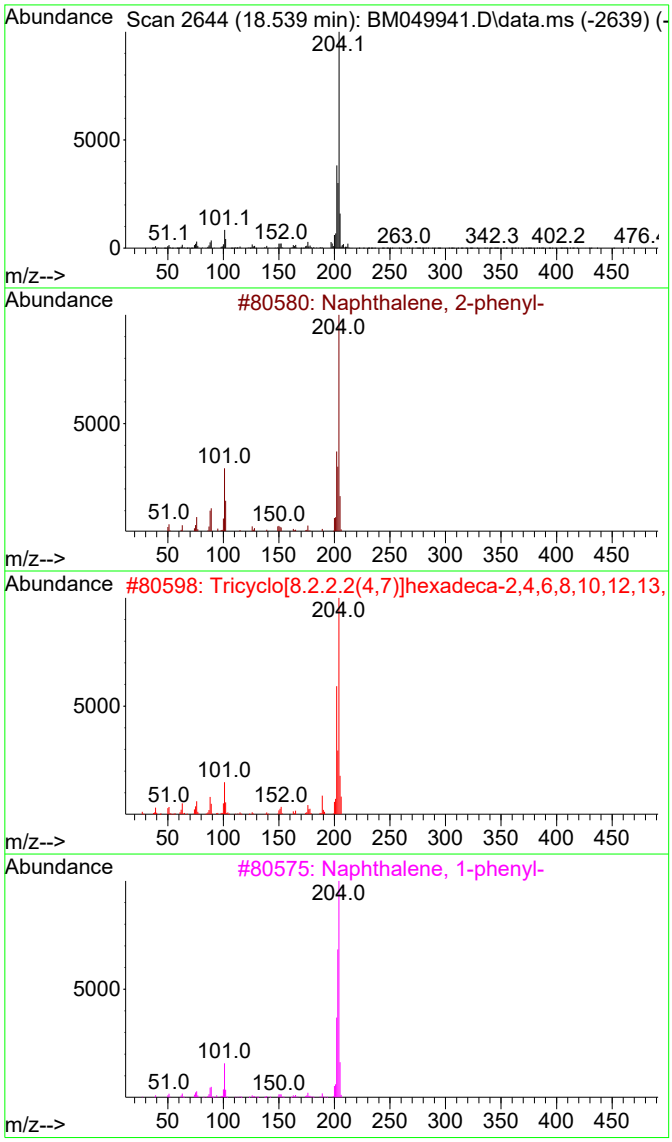
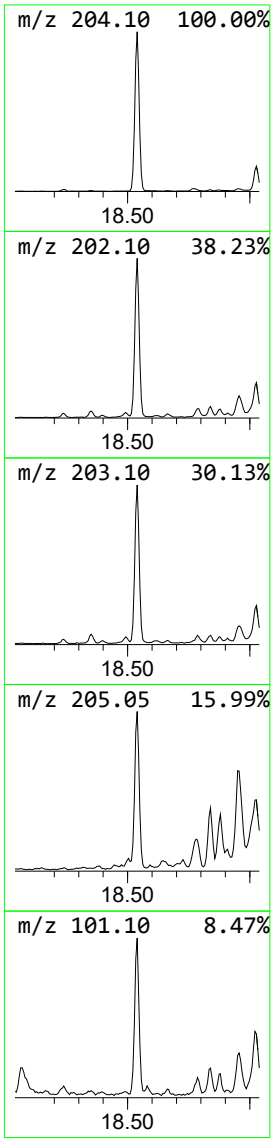
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	9.43 ng	1864640	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47





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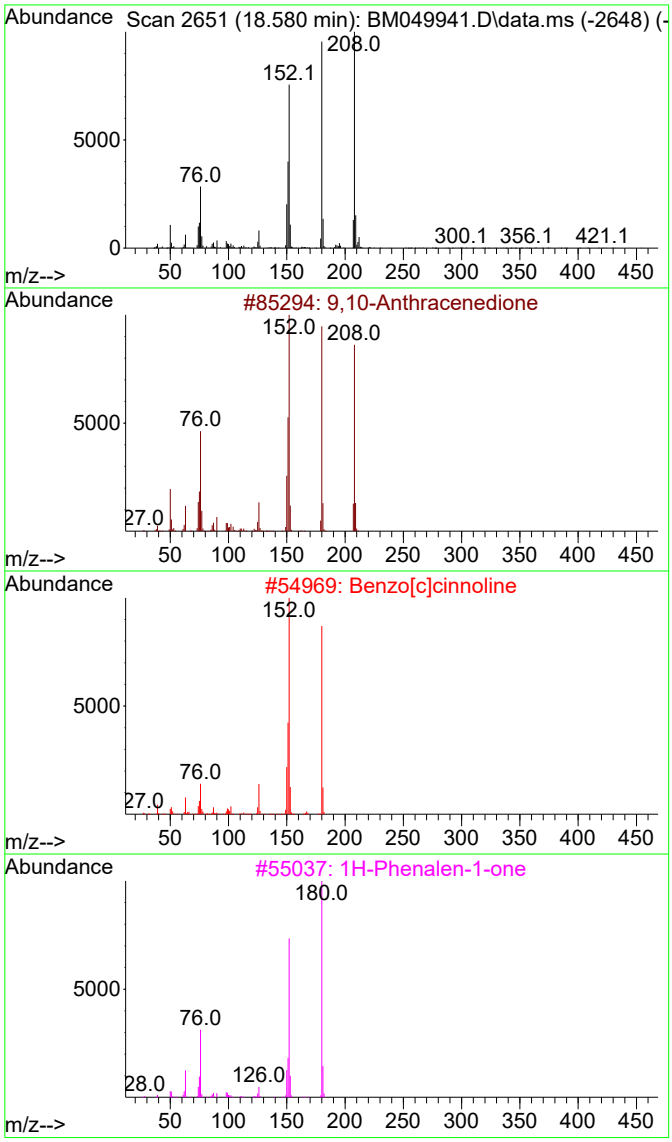
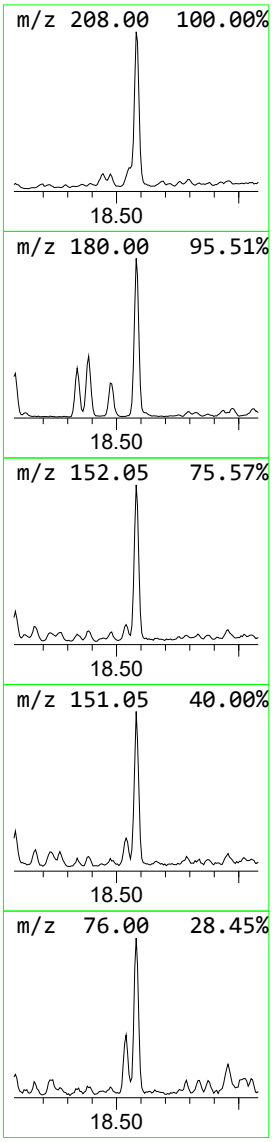
Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	5.19 ng	1027030	Phenanthrene-d10	17.163

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	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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TIC Integration Parameters: LSCINT.P

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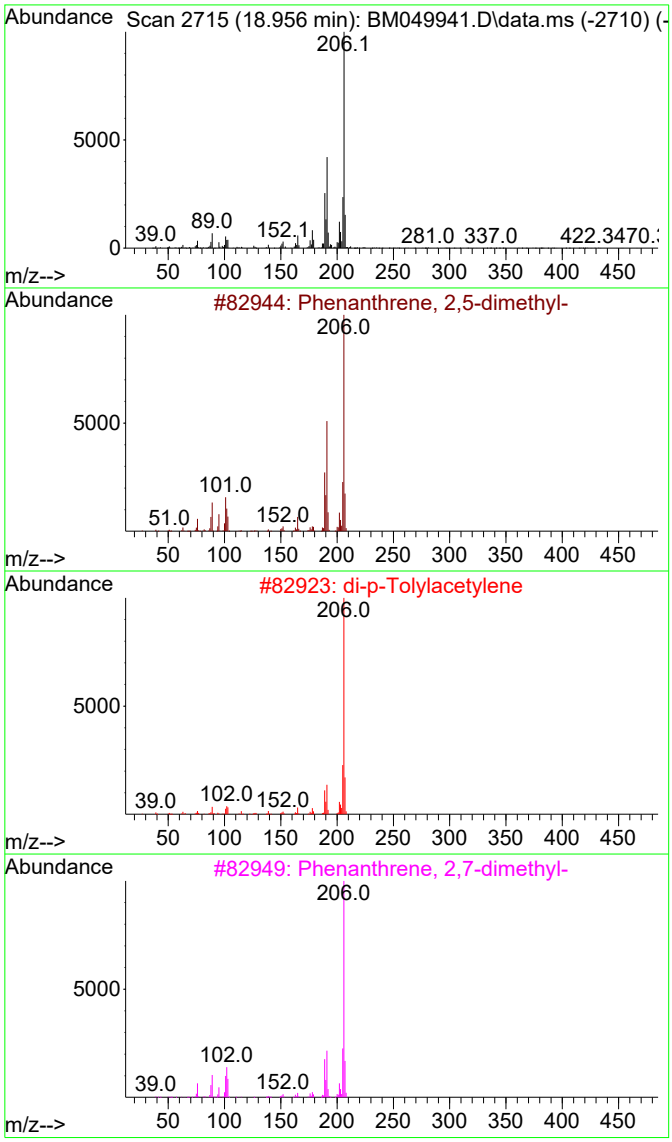
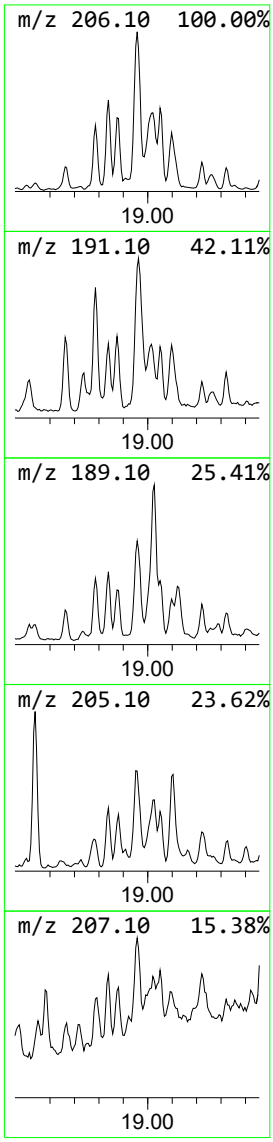
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.956	6.76 ng	1337140	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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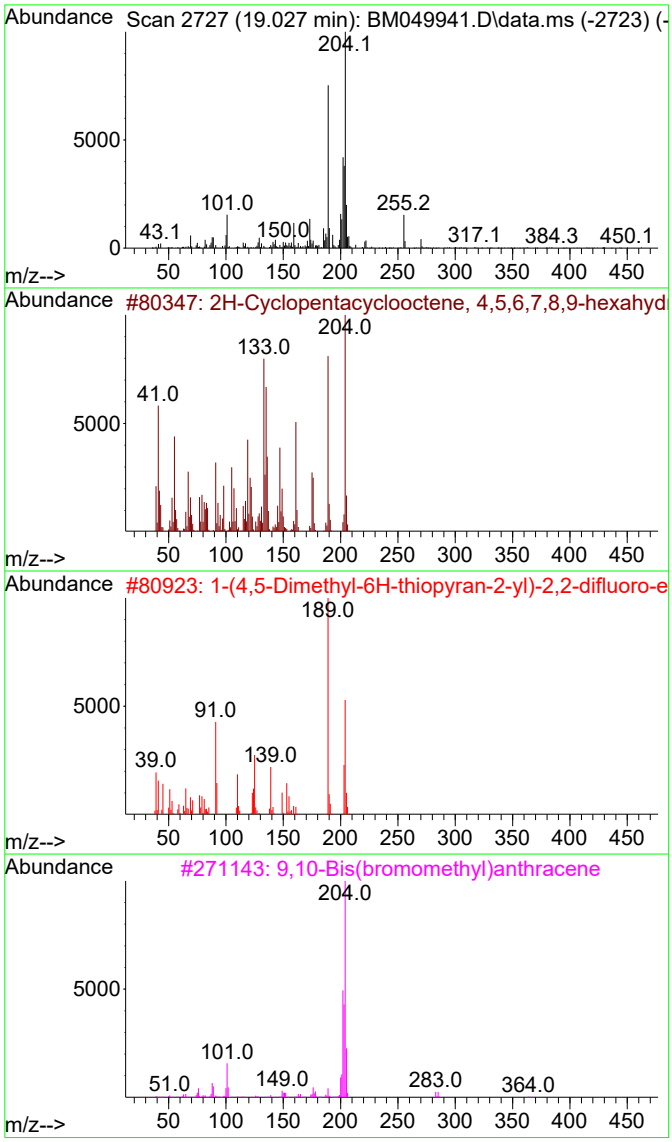
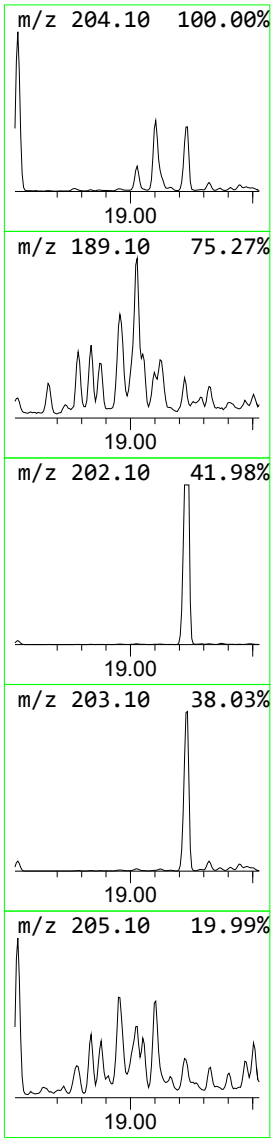
Peak Number 13 2H-Cyclopentacyclooctene, 4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	2.69 ng	532638	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	55
2	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	53
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	50
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50





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

TIC Library : C:\Database\NIST20.L
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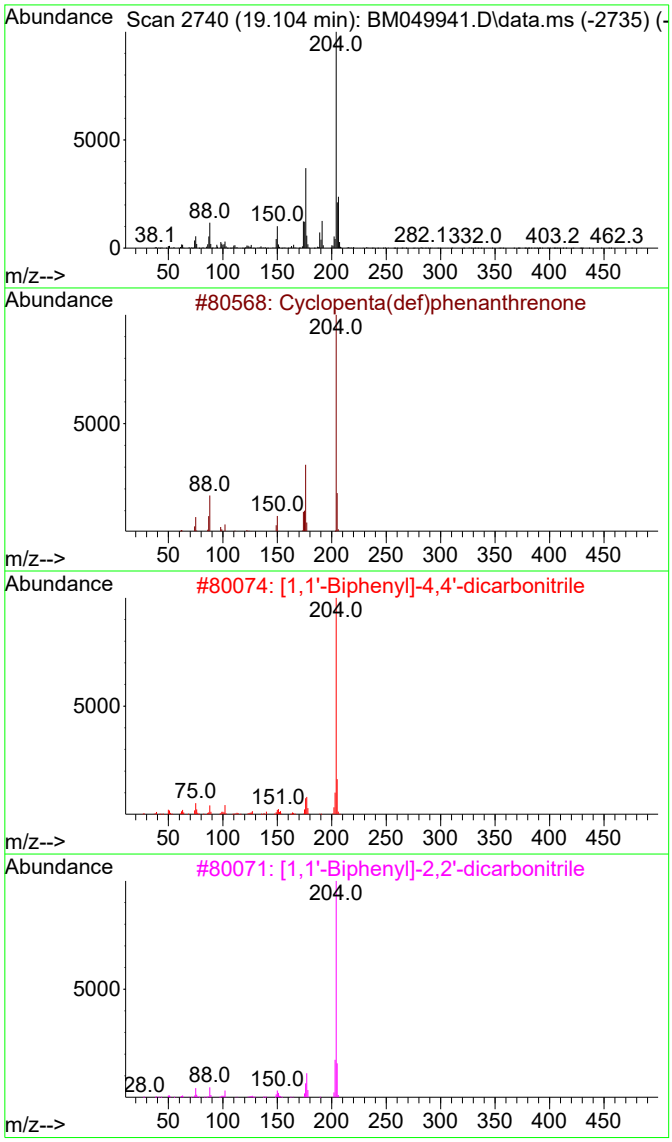
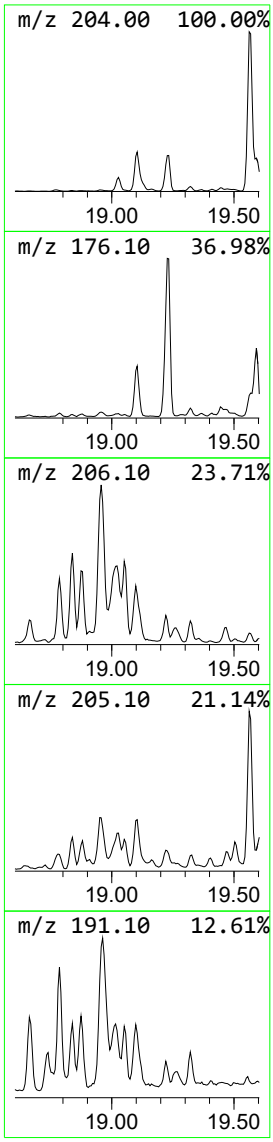
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	7.14 ng	1411140	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	47





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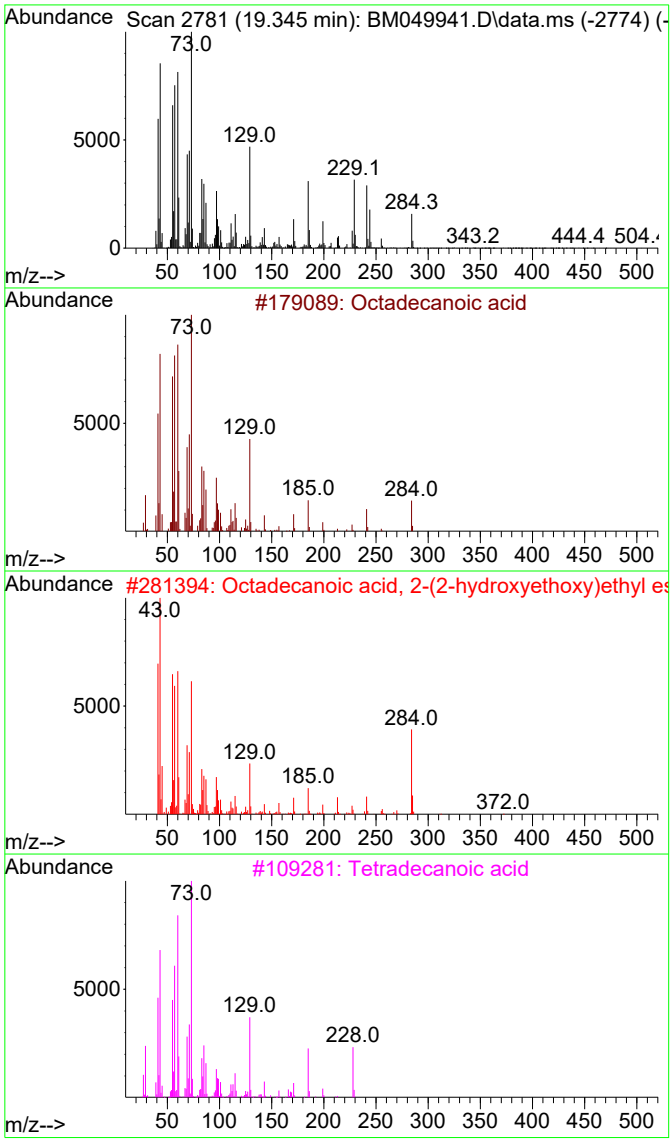
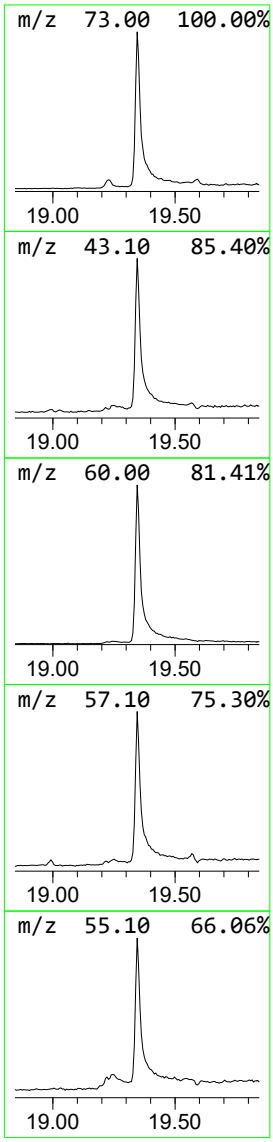
Peak Number 15 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	3.34 ng	5573730	Chrysene-d12	21.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





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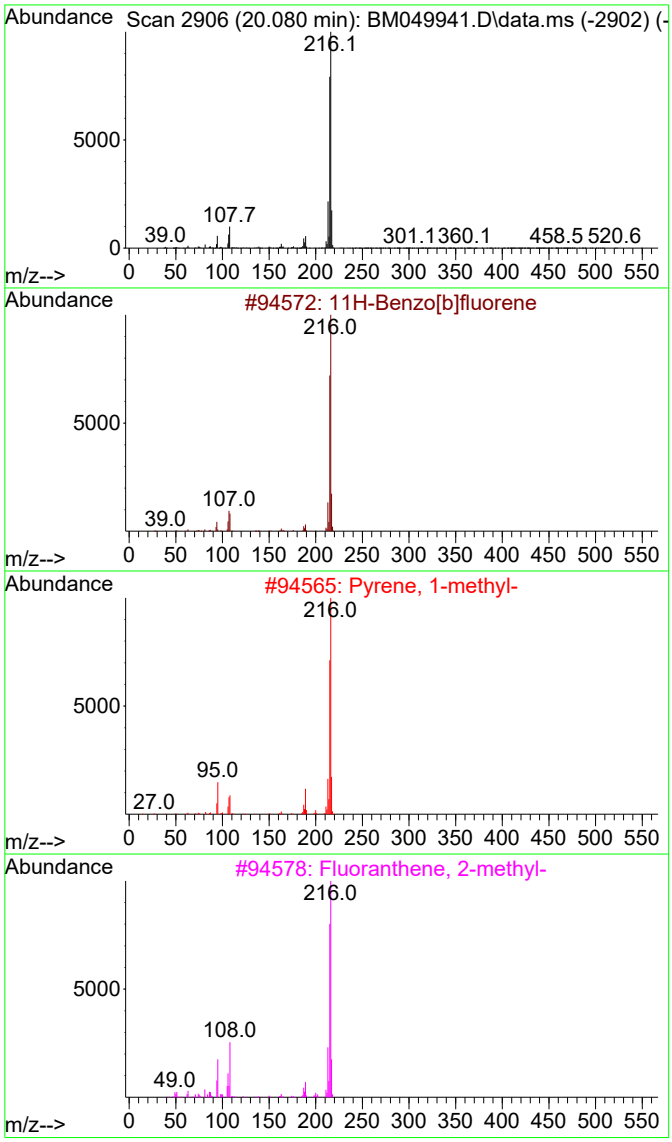
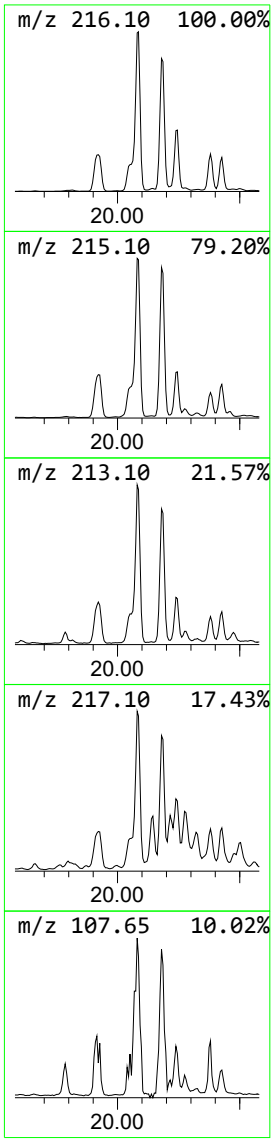
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	3.95 ng	6600790	Chrysene-d12	21.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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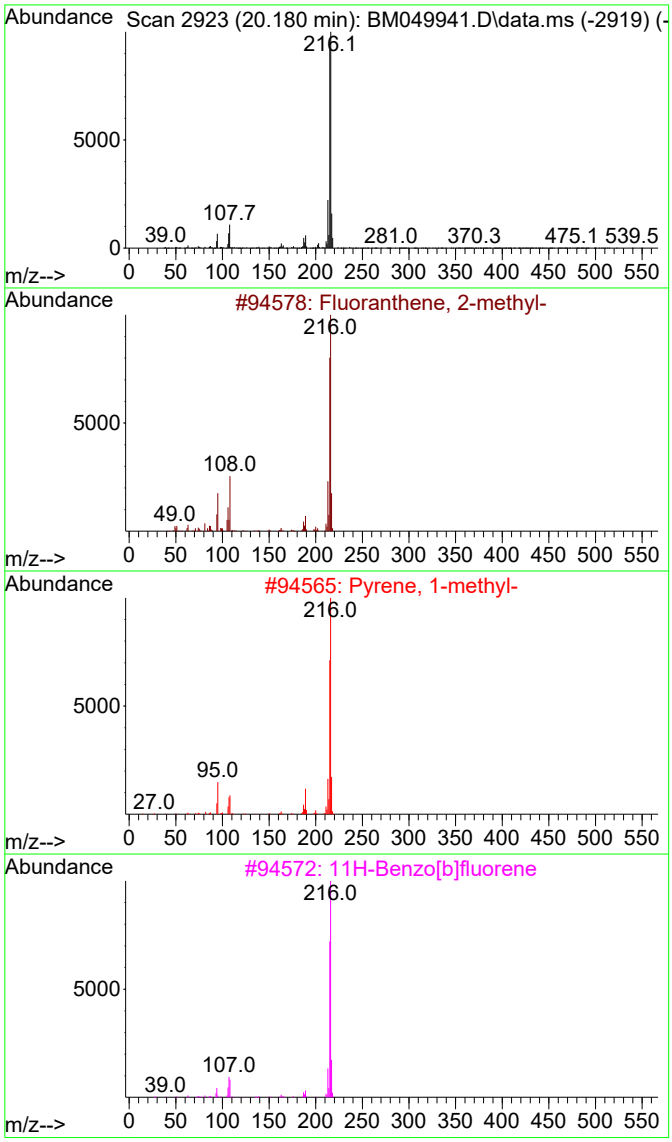
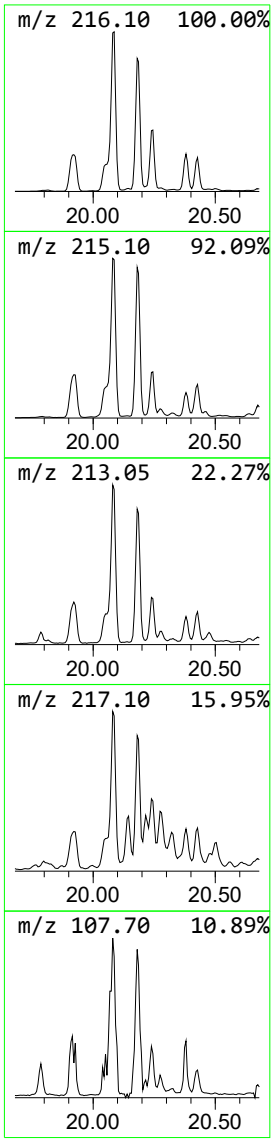
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.20 ng	5349070	Chrysene-d12	21.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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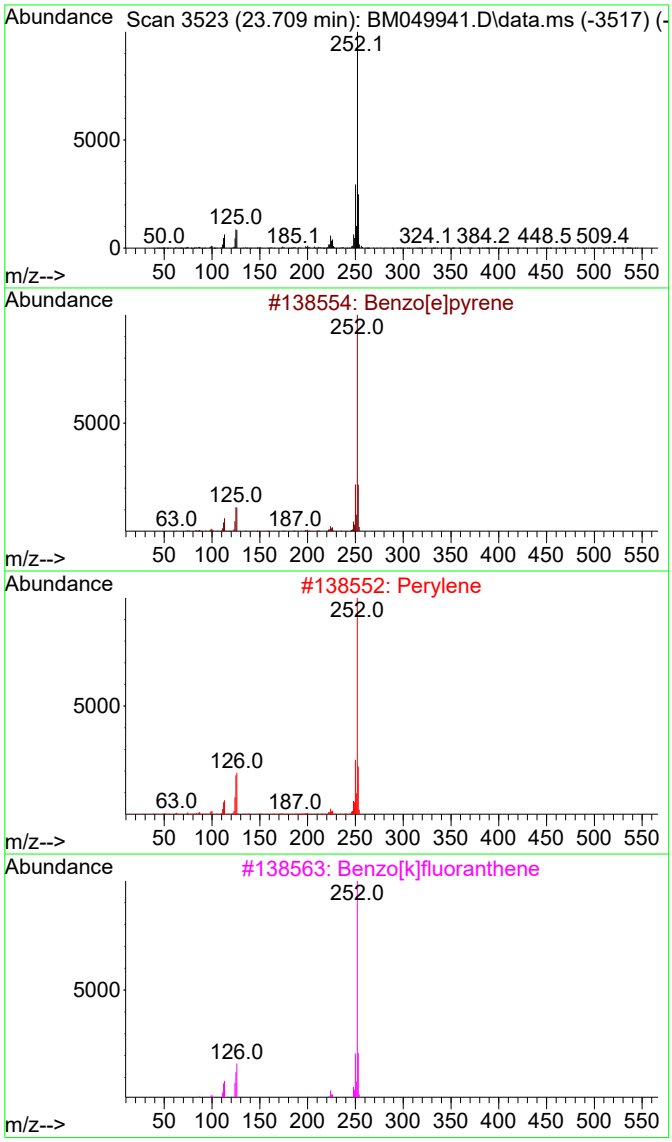
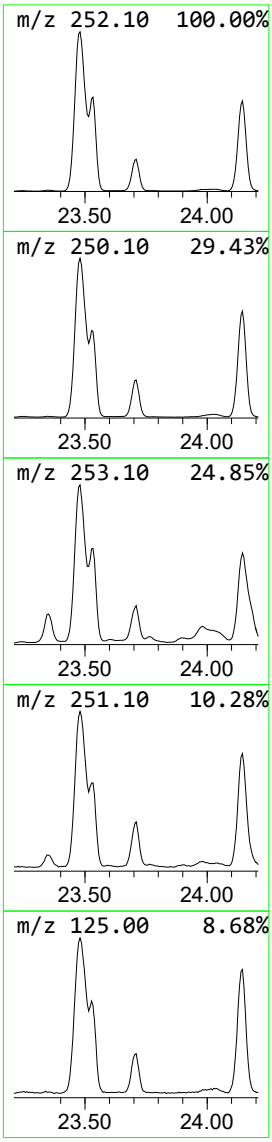
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.709	12.63 ng	3408120	Perylene-d12	24.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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

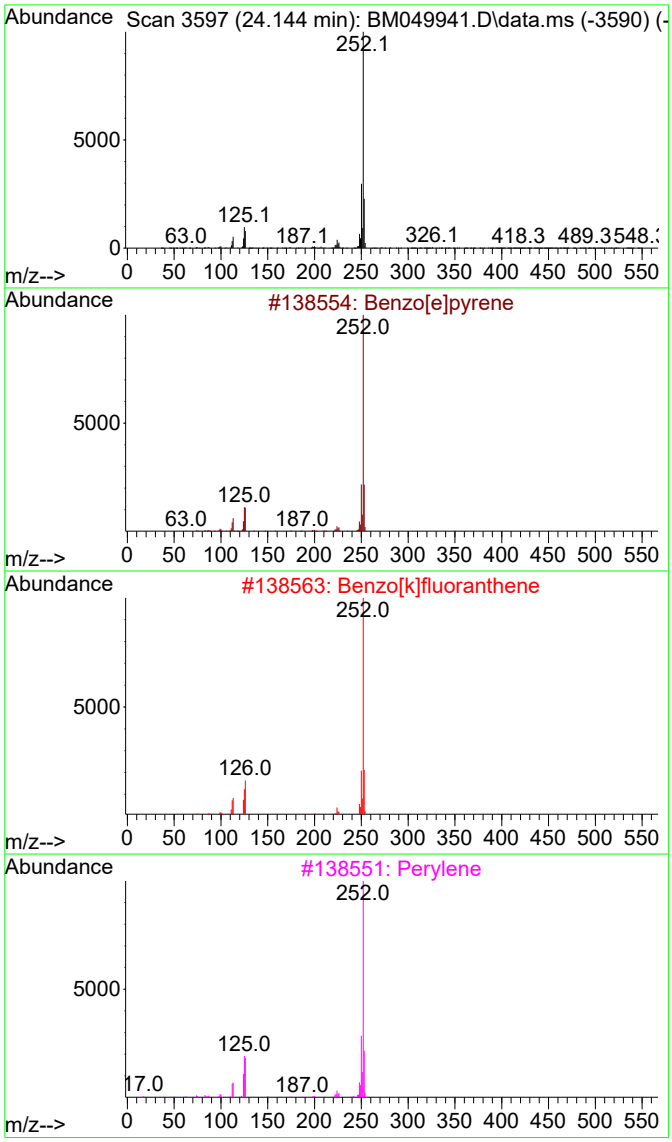
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

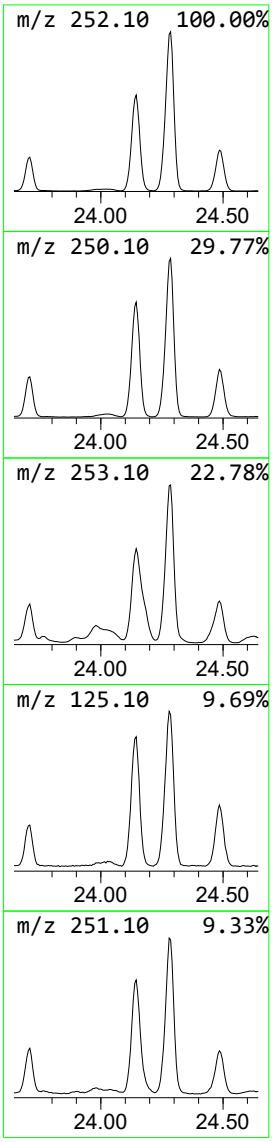
****

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.144	48.85 ng	13185000	Perylene-d12	24.421

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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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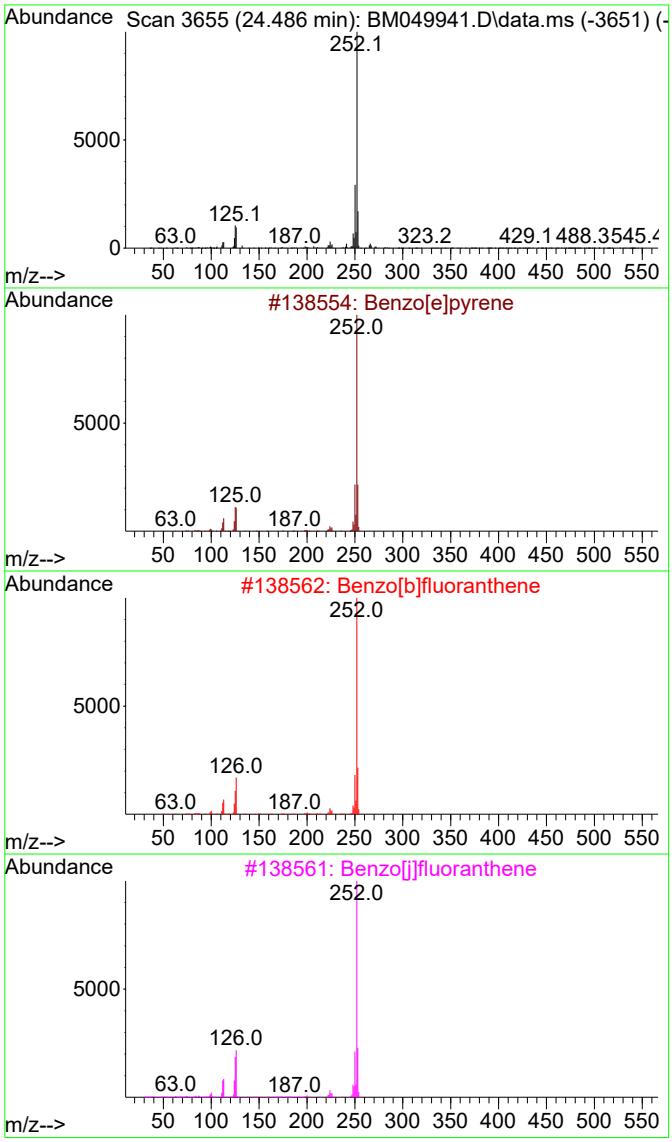
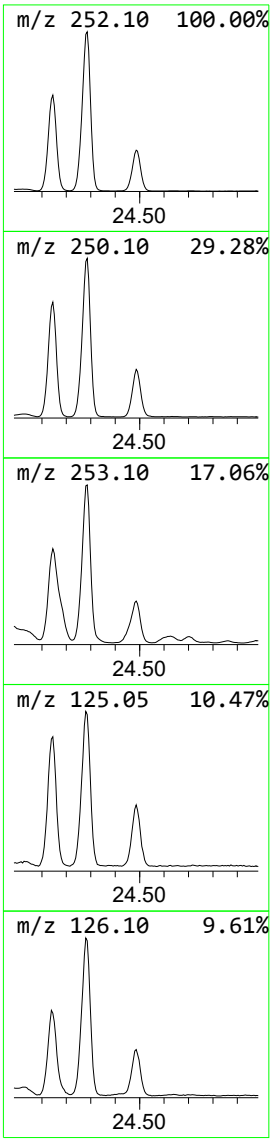
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.485	20.83 ng	5622640	Perylene-d12	24.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049941.D
Acq On : 15 Apr 2025 19:11
Operator : RC/JU
Sample : Q1788-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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-...	4.893	8.8	ng	1135340	1	7.775	2570380	20.0
Benzophenone	15.774	8.2	ng	1482250	3	14.416	3623510	20.0
Dibenzothiophene	16.980	4.6	ng	913775	4	17.163	3955170	20.0
Acridine	17.357	3.0	ng	586936	4	17.163	3955170	20.0
Phenanthrene, 1...	18.039	11.8	ng	2335540	4	17.163	3955170	20.0
Phenanthrene, 2...	18.086	26.5	ng	5249010	4	17.163	3955170	20.0
1H-Cyclopropa[l...	18.168	9.2	ng	1822290	4	17.163	3955170	20.0
4H-Cyclopenta[d...	18.233	29.4	ng	5822930	4	17.163	3955170	20.0
Anthracene, 1-m...	18.268	7.0	ng	1382120	4	17.163	3955170	20.0
Naphthalene, 2-...	18.539	9.4	ng	1864640	4	17.163	3955170	20.0
9,10-Anthracene...	18.580	5.2	ng	1027030	4	17.163	3955170	20.0
Phenanthrene, 2...	18.956	6.8	ng	1337140	4	17.163	3955170	20.0
2H-Cyclopentacy...	19.027	2.7	ng	532638	4	17.163	3955170	20.0
Cyclopenta(def)...	19.104	7.1	ng	1411140	4	17.163	3955170	20.0
Octadecanoic acid	19.345	3.3	ng	5573730	5	21.409	33419300	20.0
11H-Benzo[b]flu...	20.080	4.0	ng	6600790	5	21.409	33419300	20.0
Fluoranthene, 2...	20.180	3.2	ng	5349070	5	21.409	33419300	20.0
Benzo[e]pyrene	23.709	12.6	ng	3408120	6	24.421	5398340	20.0
Perylene	24.144	48.9	ng	13185000	6	24.421	5398340	20.0
Benzo[j]fluoran...	24.485	20.8	ng	5622640	6	24.421	5398340	20.0