LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.581	80	84	102	rVB	95620	165232	1.01%	0.088%
2	5.434	393	399	417	rVB	2091452	3224960	19.68%	1.708%
3	7.034	660	671	687	rBV	2008643	3334812	20.35%	1.766%
4	7.845	801	809	818	rBV	602830	970404	5.92%	0.514%
5	9.010	1000	1007	1017	rBV	1314037	2181751	13.31%	1.156%
6	10.645	1277	1285	1291	rBV	755019	1297438	7.92%	0.687%
7	13.110	1698	1704	1719	rBV	3823671	5779027	35.26%	3.061%
8	13.816	1817	1824	1828	rBV	102794	193198	1.18%	0.102%
9	14.210	1885	1891	1905	rVB	319987	511426	3.12%	0.271%
10	14.486	1930	1938	1945	rBV	1155605	1854597	11.32%	0.982%
11	14.551	1945	1949	1958	rVB	402723	609085	3.72%	0.323%
12	14.886	2001	2006	2016	rBV	246577	402832	2.46%	0.213%
13	15.539	2111	2117	2128	rVB	384149	632375	3.86%	0.335%
14	15.833	2162	2167	2175	rVB	180993	292005	1.78%	0.155%
15	15.980	2182	2192	2199	rBV	3160149	4744297	28.95%	2.513%
16	16.215	2227	2232	2239	rVB5	107716	201842	1.23%	0.107%
17	16.521	2276	2284	2285	rBV4	72577	165928	1.01%	0.088%
18	16.586	2292	2295	2301	rVB2	161903	243795	1.49%	0.129%
19	16.774	2319	2327	2330	rBV4	118326	242878	1.48%	0.129%
20	16.892	2342	2347	2354	rVB	430963	627541	3.83%	0.332%
21	16.968	2355	2360	2361	rBV	144517	183004	1.12%	0.097%
22	17.051	2370	2374	2384	rVB	379883	625704	3.82%	0.331%
23	17.233	2400	2405	2408	rBV	1402494	2008037	12.25%	1.064%
24	17.280	2408	2413	2419	rVV	6692101	9346957	57.03%	4.951%
25	17.368	2423	2428	2434	rVV	1363208	1941080	11.84%	1.028%
26	17.427	2434	2438	2444	rVB2	145091	252077	1.54%	0.134%
27	17.639	2466	2474	2479	rBV2	833160	1524992	9.30%	0.808%
28	17.757	2489	2494	2500	rVB4	168699	259125	1.58%	0.137%
29	17.821	2500	2505	2513	rBV5	178109	299682	1.83%	0.159%
30	17.915	2517	2521	2525	rVV2	299510	413273	2.52%	0.219%
31	18.115	2549	2555	2557	rBV	912544	1293767	7.89%	0.685%
32	18.162	2557	2563	2570	rVV2	1487423	3291227	20.08%	1.743%
33	18.245	2572	2577	2581	rVB	472798	638854	3.90%	0.338%
34	18.309	2581	2588	2592	rBV2	1209757	2387966	14.57%	1.265%
35	18.345	2592	2594	2601	rVB	686974	831999	5.08%	0.441%
36	18.427	2603	2608	2611	rBV3	136107	241803	1.48%	0.128%

LSC Area Percent Report

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Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.462	2611	2614	2618	rVB2	146663	183909	1.12%	0.097%
38	18.615	2635	2640	2644	rBV	716212	954907	5.83%	0.506%
39	18.662	2644	2648	2652	rVV	672617	888306	5.42%	0.471%
40	18.862	2679	2682	2686	rVB2	251123	284281	1.73%	0.151%
41	18.909	2687	2690	2694	rVB	220445	260922	1.59%	0.138%
42	18.951	2694	2697	2702	rVB2	267026	353863	2.16%	0.187%
43	19.033	2702	2711	2716	rBV	607858	1466656	8.95%	0.777%
44	19.086	2717	2720	2725	rVB3	730620	965443	5.89%	0.511%
45	19.180	2731	2736	2741	rBV3	653961	1163020	7.10%	0.616%
46	19.304	2750	2757	2764	rBV	11531592	16389542	100.00%	8.681%
47	19.362	2764	2767	2770	rVV	183196	210362	1.28%	0.111%
48	19.398	2770	2773	2774	rVV	290660	319859	1.95%	0.169%
49	19.421	2774	2777	2785	rVB2	946092	1478078	9.02%	0.783%
50	19.539	2794	2797	2801	rVB	348288	424400	2.59%	0.225%
51	19.633	2808	2813	2814	rBV	1966461	2629191	16.04%	1.393%
52	19.662	2814	2818	2826	rVV	9585155	13848733	84.50%	7.335%
53	19.733	2826	2830	2837	rVB2	589518	930448	5.68%	0.493%
54	19.862	2844	2852	2856	rBV	6743422	8795547	53.67%	4.659%
55	19.903	2856	2859	2864	rVB	674230	911990	5.56%	0.483%
56	19.986	2867	2873	2879	rBV2	818654	2060906	12.57%	1.092%
57	20.039	2880	2882	2885	rVB	195466	200541	1.22%	0.106%
58	20.121	2891	2896	2897	rBV4	719608	1054688	6.44%	0.559%
59	20.156	2899	2902	2907	rVB	1301769	1666178	10.17%	0.883%
60	20.256	2915	2919	2922	rBV	548528	666050	4.06%	0.353%
61	20.315	2923	2929	2933	rVV2	1150470	1906977	11.64%	1.010%
62	20.450	2949	2952	2956	rBV	645021	824153	5.03%	0.437%
63	20.498	2956	2960	2964	rVV2	763802	1038161	6.33%	0.550%
64	20.556	2967	2970	2974	rVB	515513	564949	3.45%	0.299%
65	20.903	3025	3029	3037	rBV	1683916	2190661	13.37%	1.160%
66	21.068	3052	3057	3060	rBV2	1312242	2174326	13.27%	1.152%
67	21.115	3060	3065	3068	rBV2	2002321	3254128	19.85%	1.724%
68	21.203	3076	3080	3090	rVB	1715389	2426251	14.80%	1.285%
69	21.409	3111	3115	3121	rBV3	7029825	12848838	78.40%	6.806%
70	21.462	3121	3124	3134	rVB	6608106	8750313	53.39%	4.635%
71	21.592	3141	3146	3150	rVB2	1821976	2594725	15.83%	1.374%
72	21.645	3151	3155	3159	rBV	2632649	3380497	20.63%	1.791%
73	21.692	3160	3163	3166	rVV2	800912	896331	5.47%	0.475%
74	23.080	3392	3399	3404	rBV	5363156	13211816	80.61%	6.998%
75	23.586	3480	3485	3494	rVB	3080794	6206785	37.87%	3.288%
76	23.691	3497	3503	3509	rVB	4253961	8166977	49.83%	4.326%

LSC Area Percent Report

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Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	26.250	3932	3938	3948	rVB	2472742	7035862	42.93%	3.727%

Sum of corrected areas: 188794540

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
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Acq On : 03 Jun 2022 18:10
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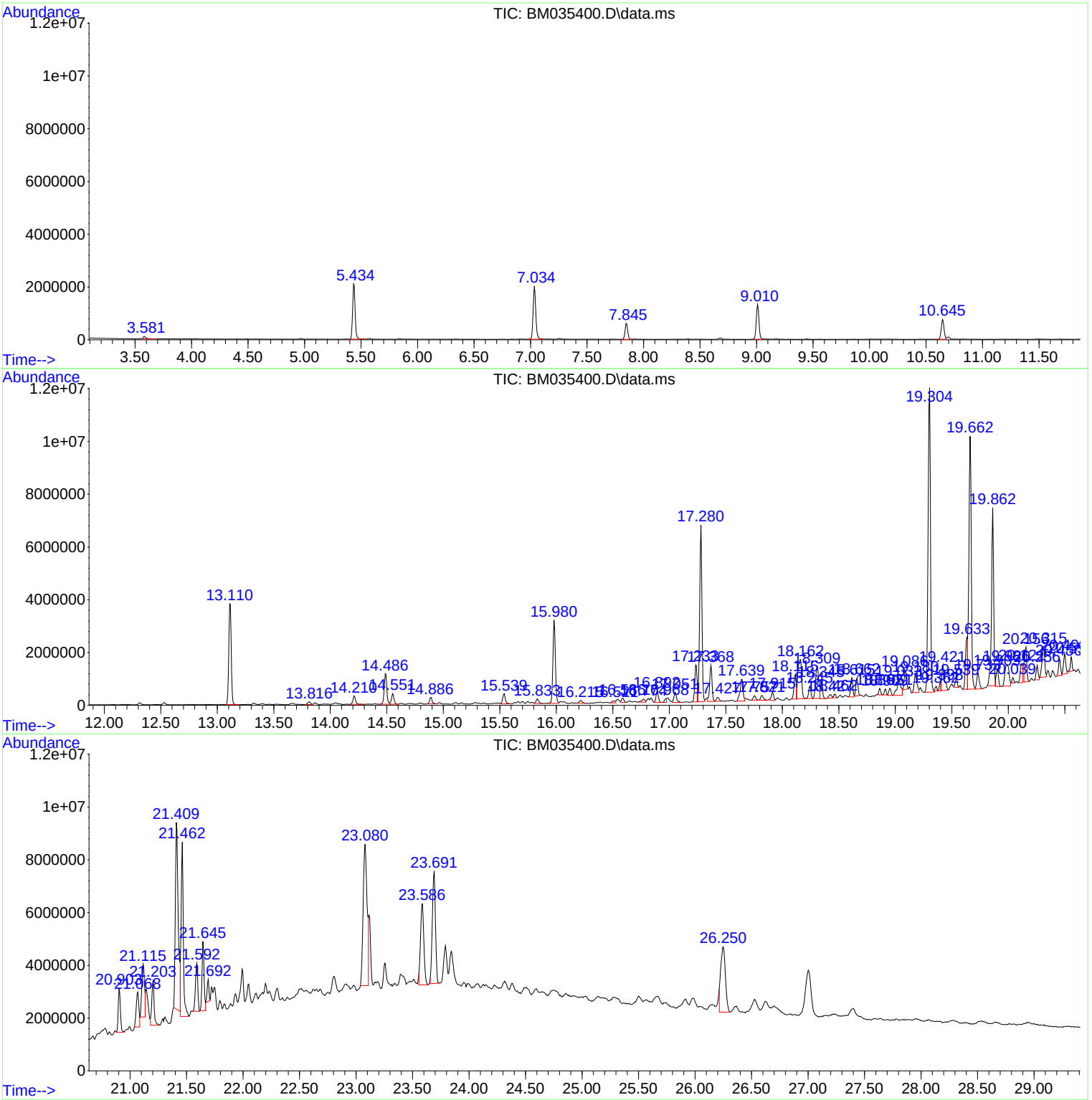
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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\BM060322\
Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

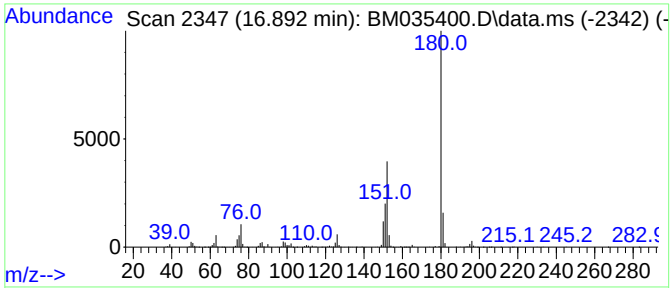
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

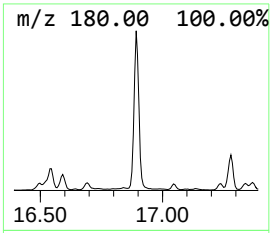
****

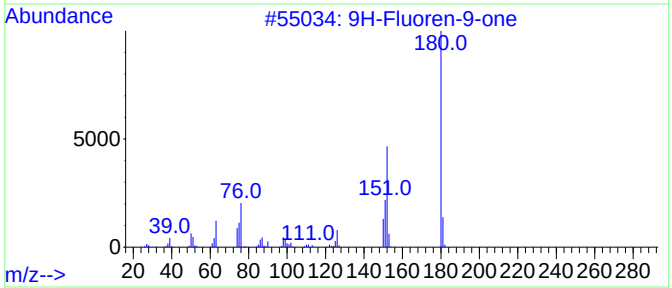
Peak Number 1 9H-Fluoren-9-one Concentration Rank 12

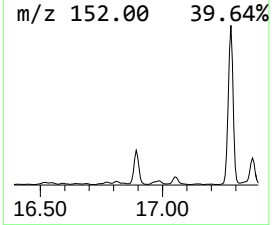
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	6.25 ng	627541	Phenanthrene-d10	17.239

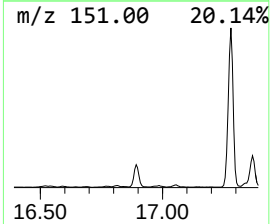
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	64
4	Phenazine	180	C12H8N2	000092-82-0	47
5	(E)-Stilbene	180	C14H12	000103-30-0	46

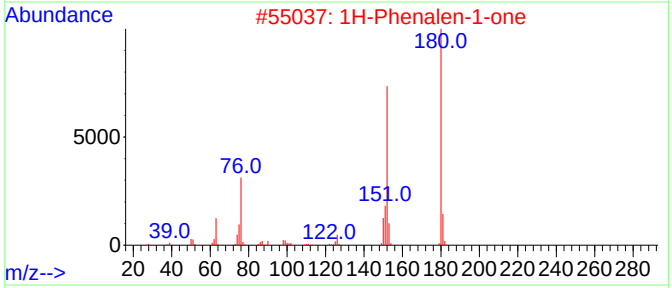


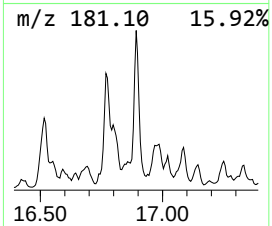


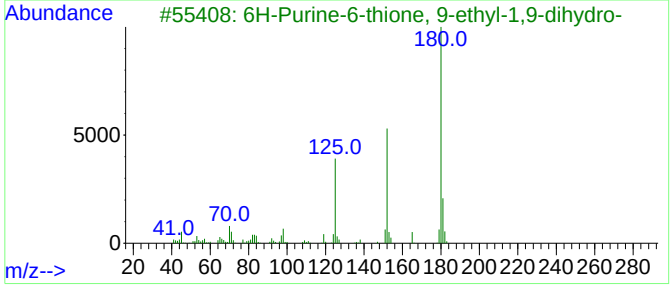


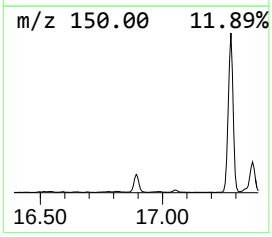












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
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Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

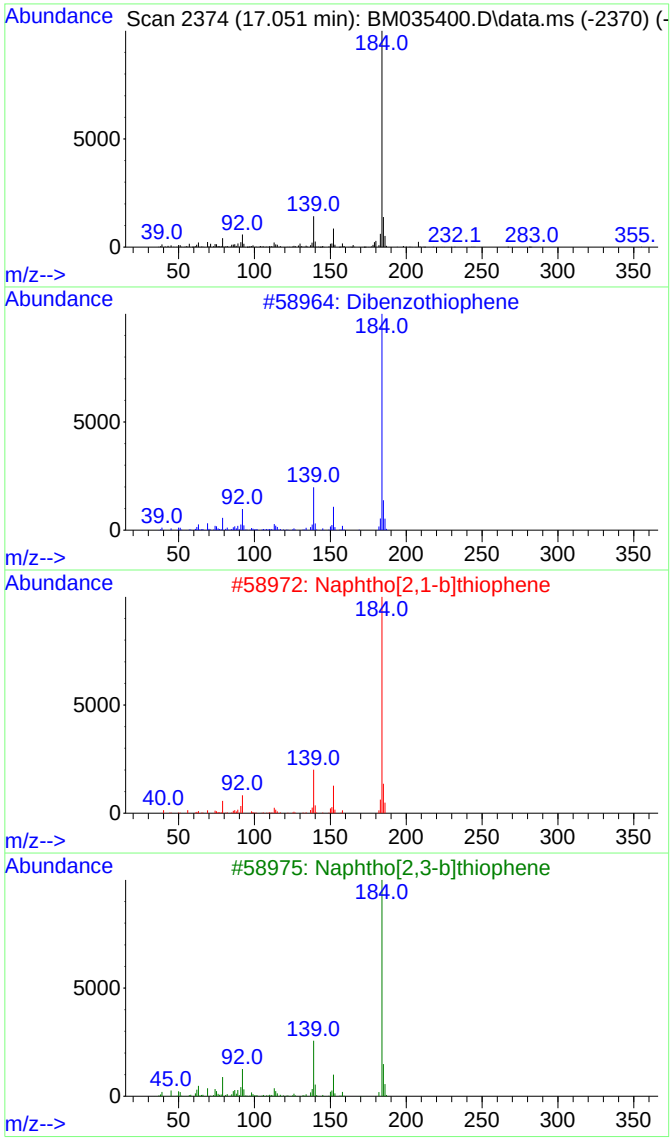
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

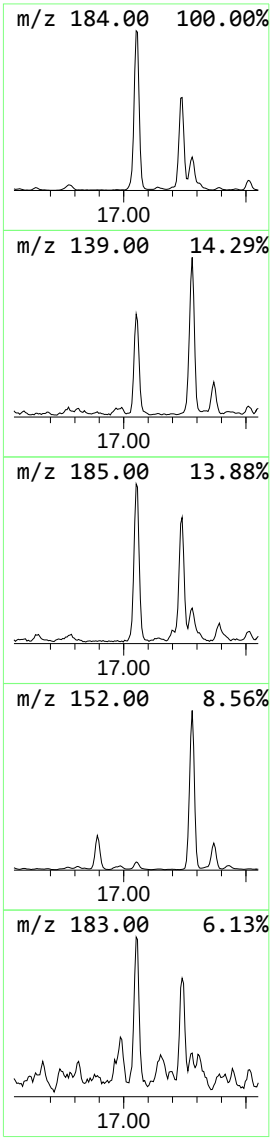
****

Peak Number 2 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	6.23 ng	625704	Phenanthrene-d10	17.239

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[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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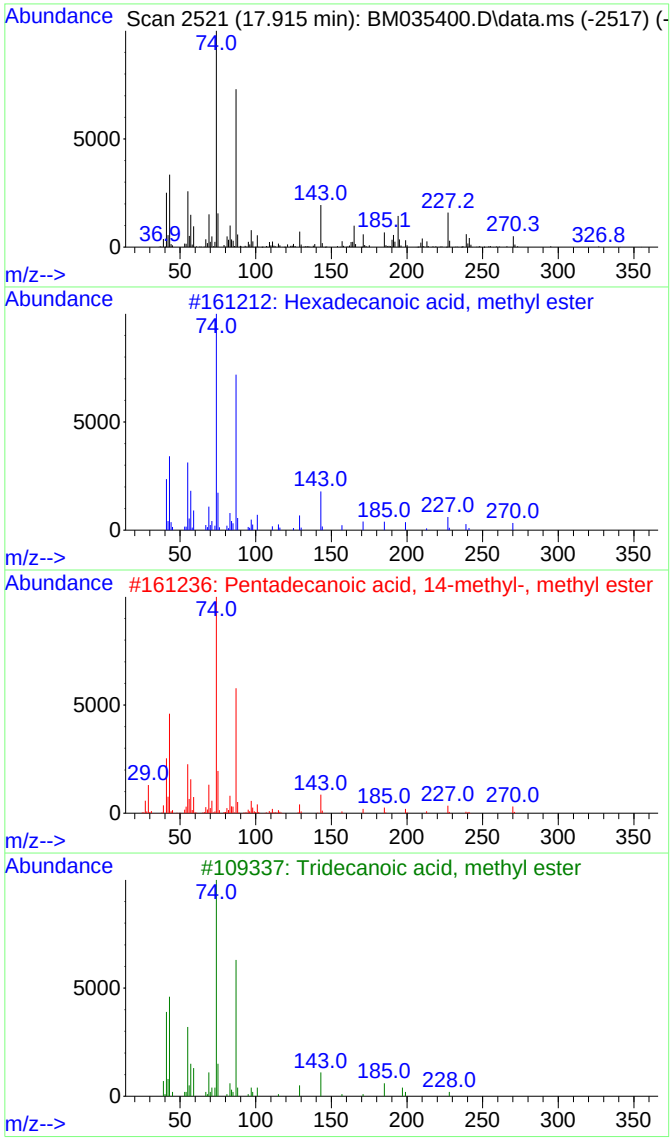
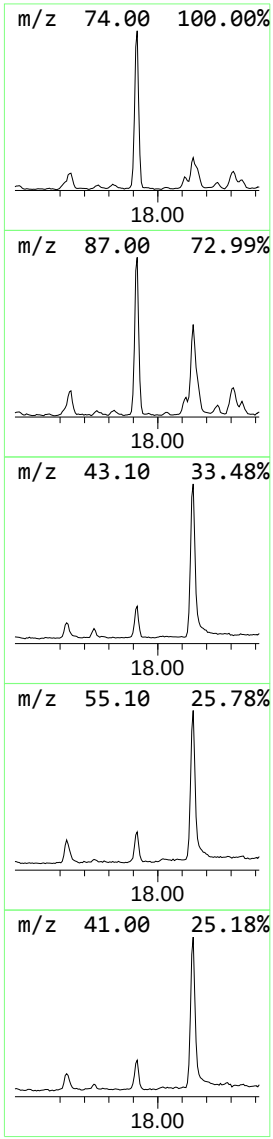
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	4.12 ng	413273	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Tetradecanoic acid, 10,13-dimeth...	270	C17H34O2	267650-23-7	64





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Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

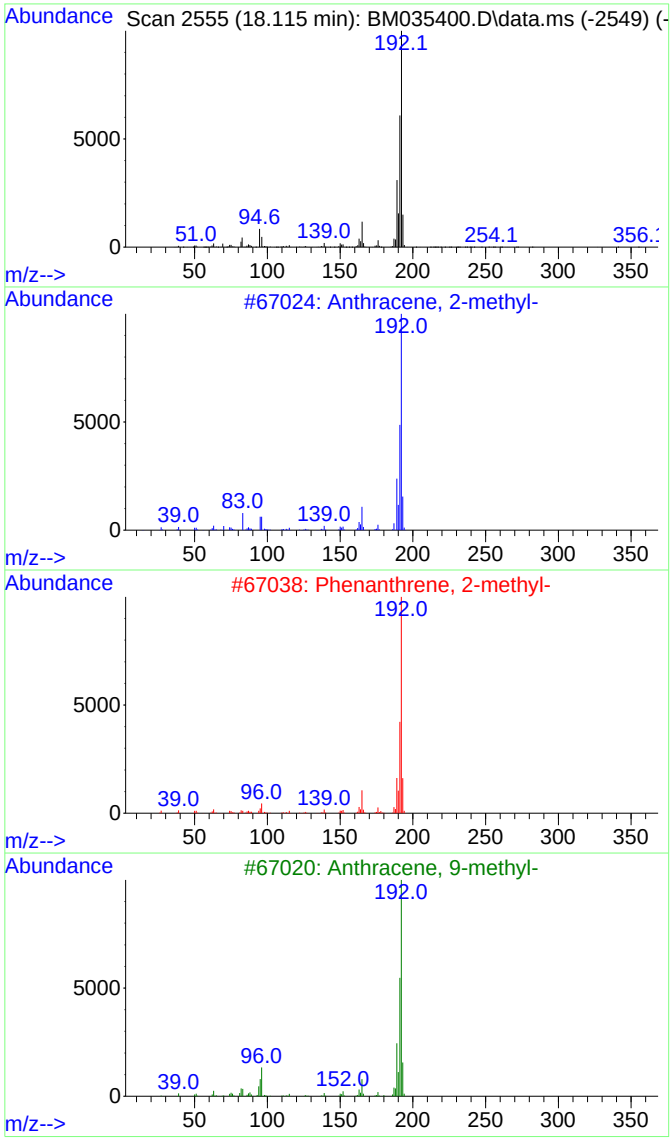
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

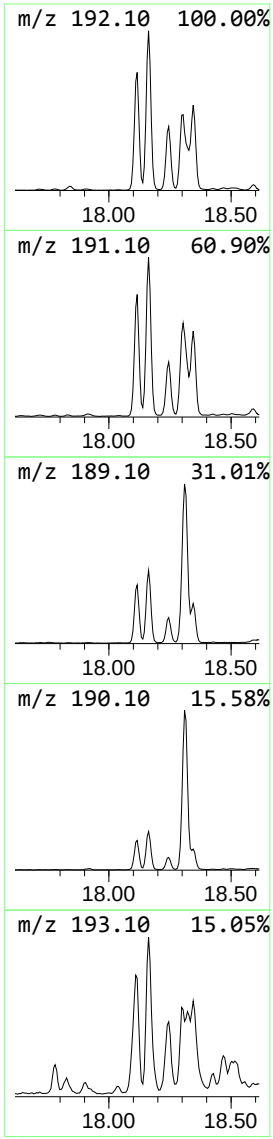
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	12.89 ng	1293770	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

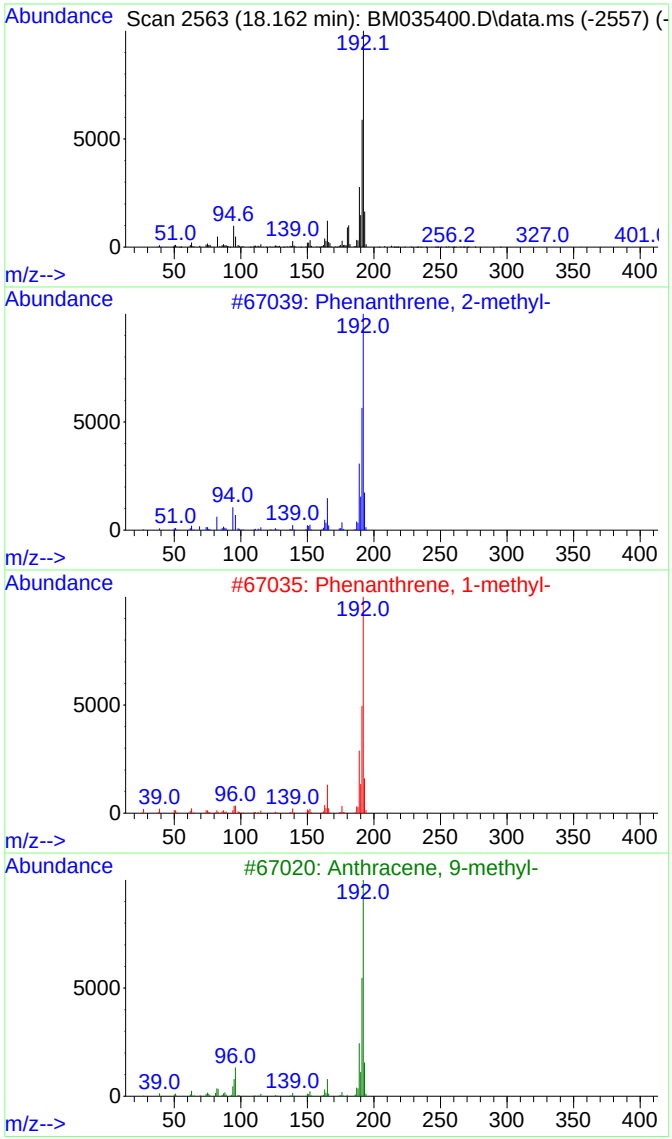
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

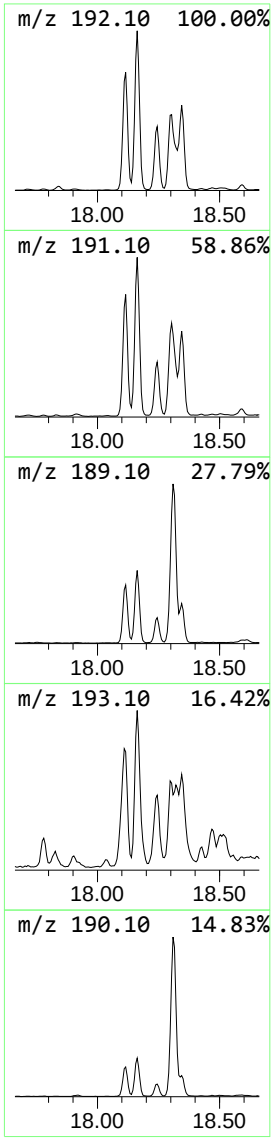
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.162	32.78 ng	3291230	Phenanthrene-d10	17.239

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	97
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

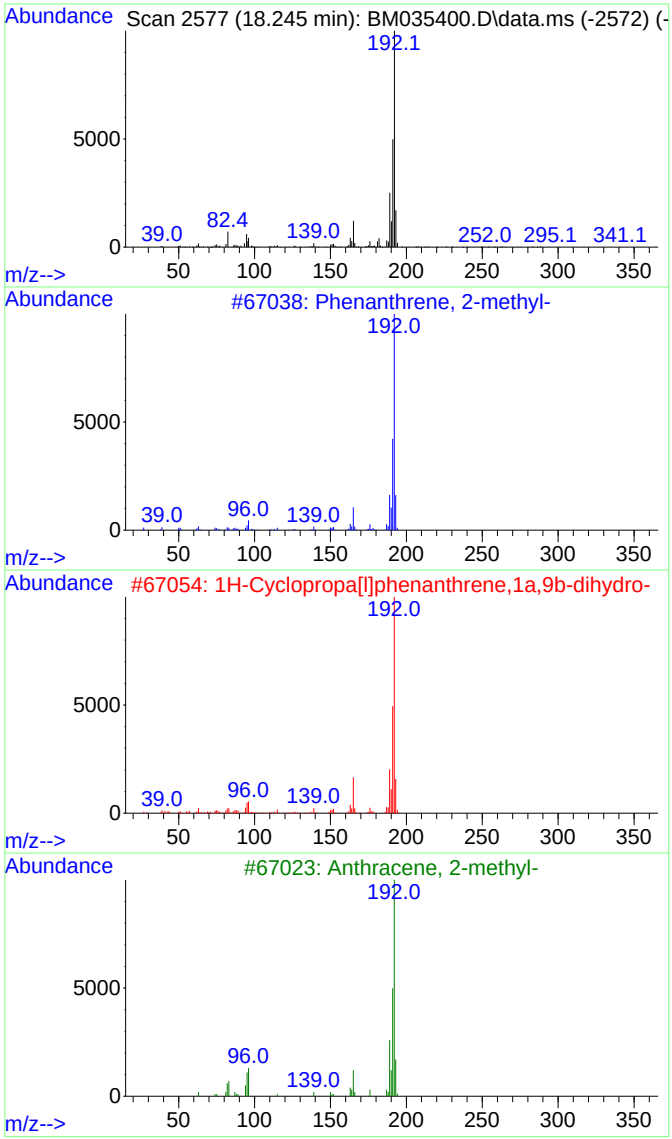
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

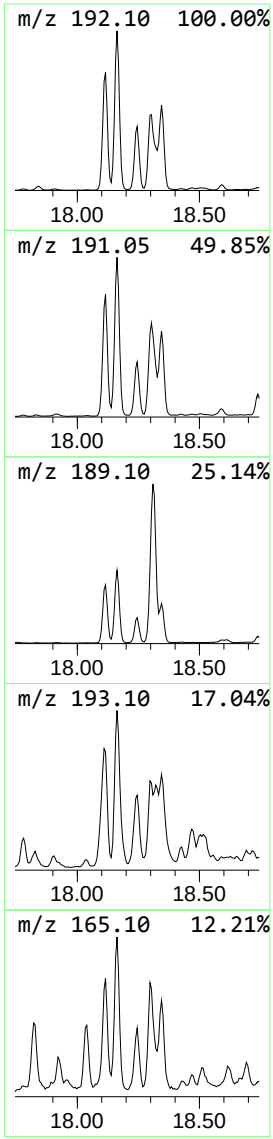
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	6.36 ng	638854	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

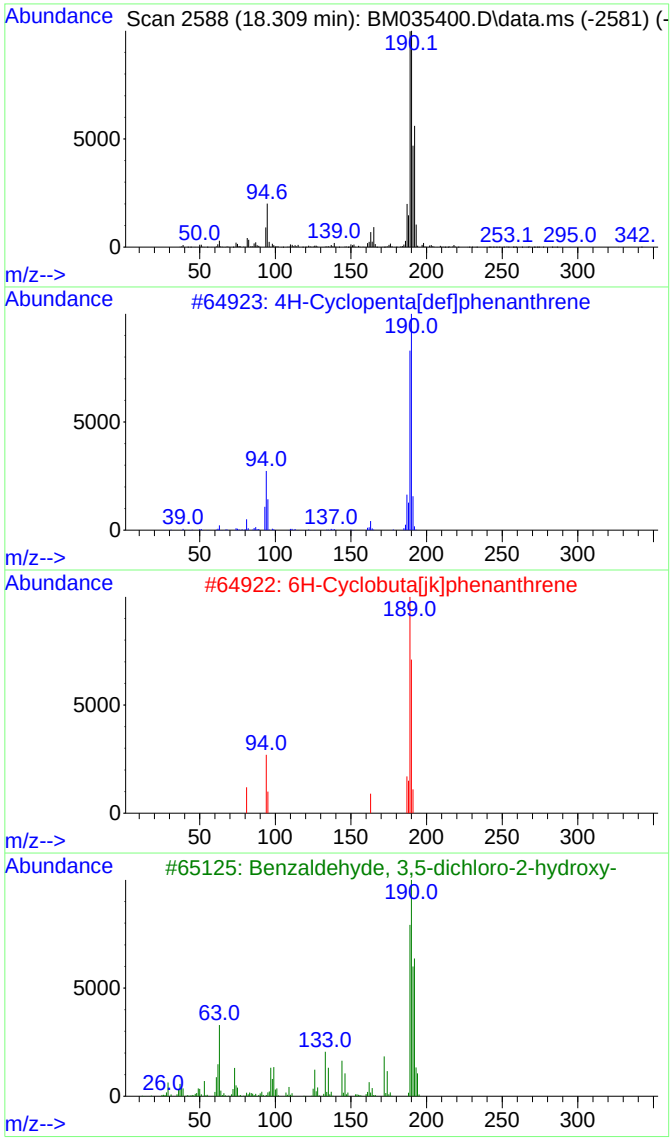
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

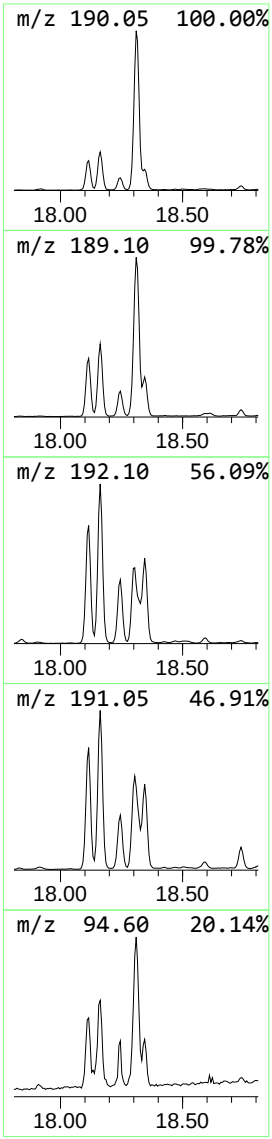
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	23.78 ng	2387970	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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

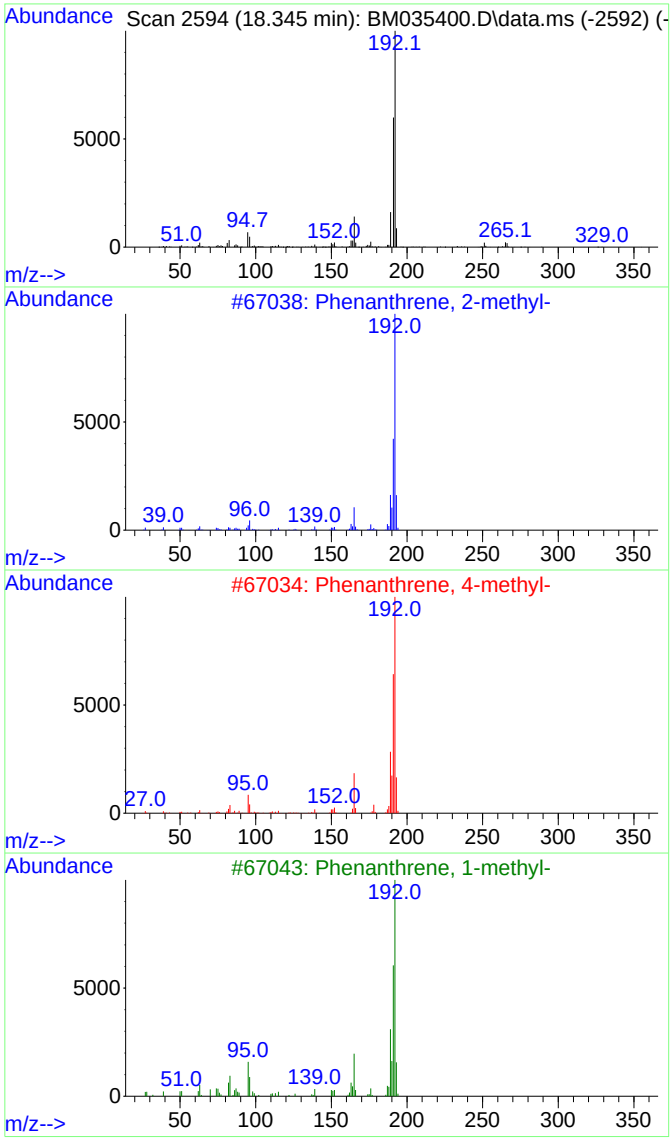
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

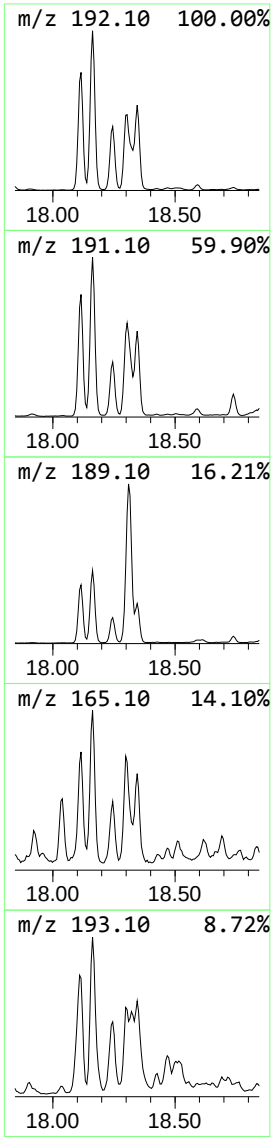
****

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	8.29 ng	831999	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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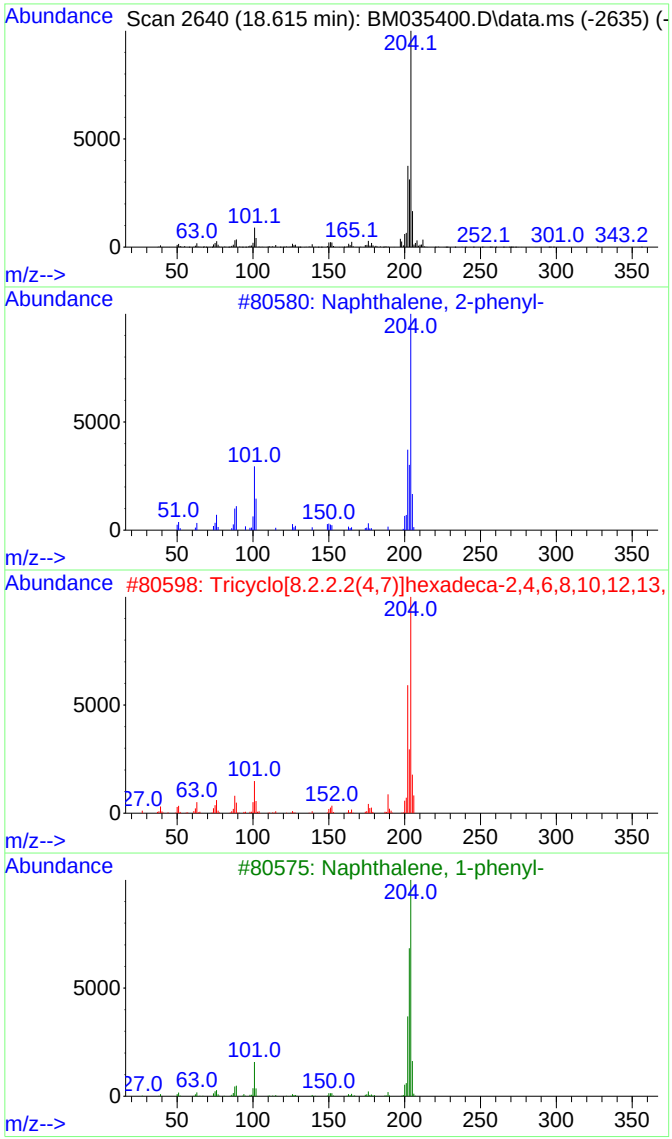
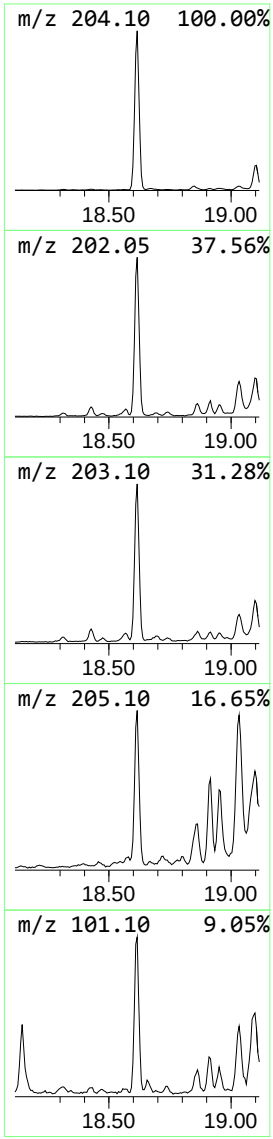
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	9.51 ng	954907	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50





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ALS Vial : 15 Sample Multiplier: 1

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

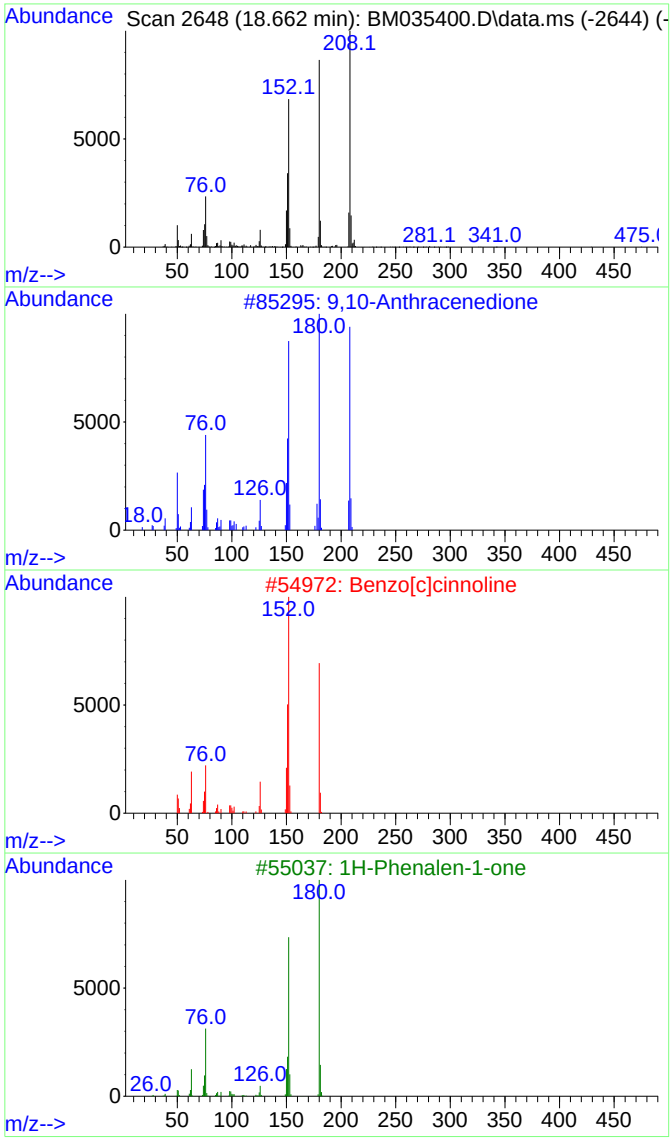
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

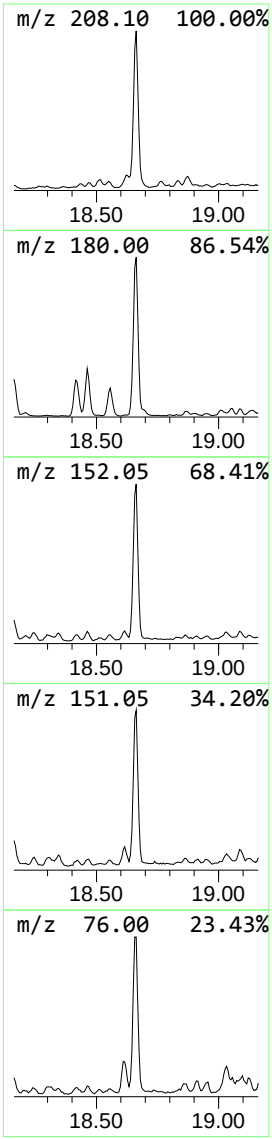
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.662	8.85 ng	888306	Phenanthrene-d10	17.239

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	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	50





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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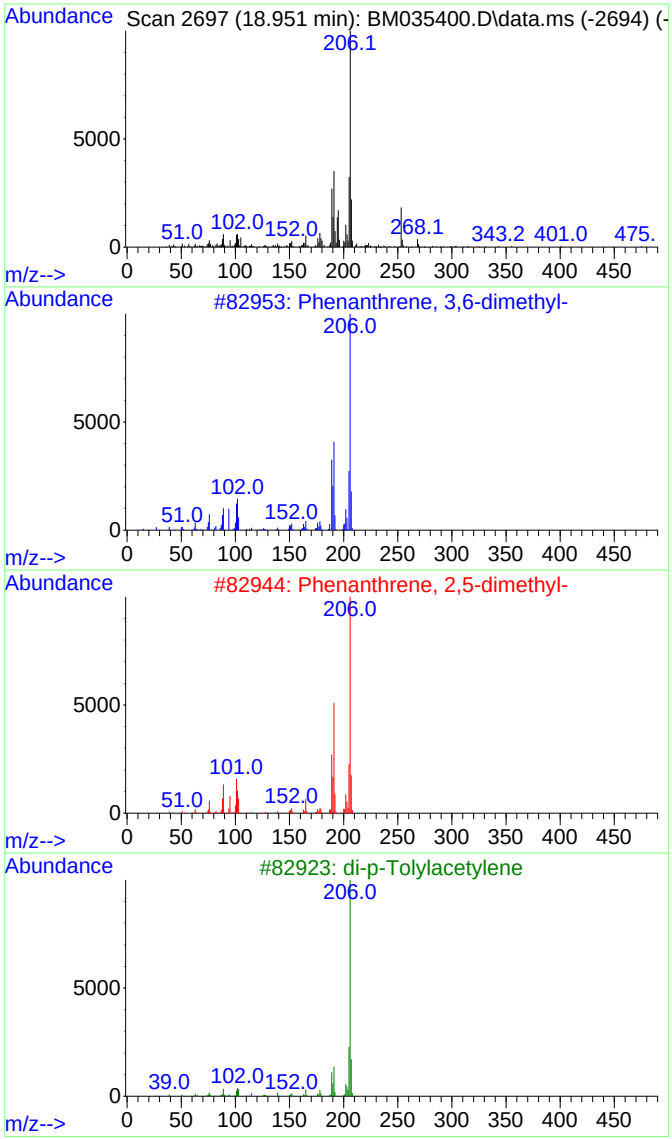
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

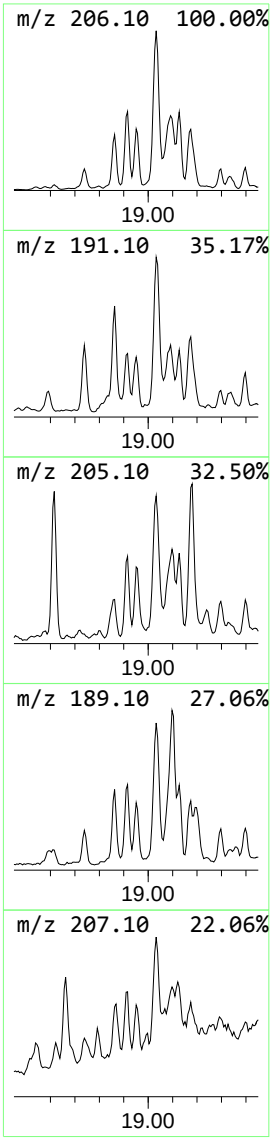
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	3.52 ng	353863	Phenanthrene-d10	17.239

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	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	70
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70





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Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

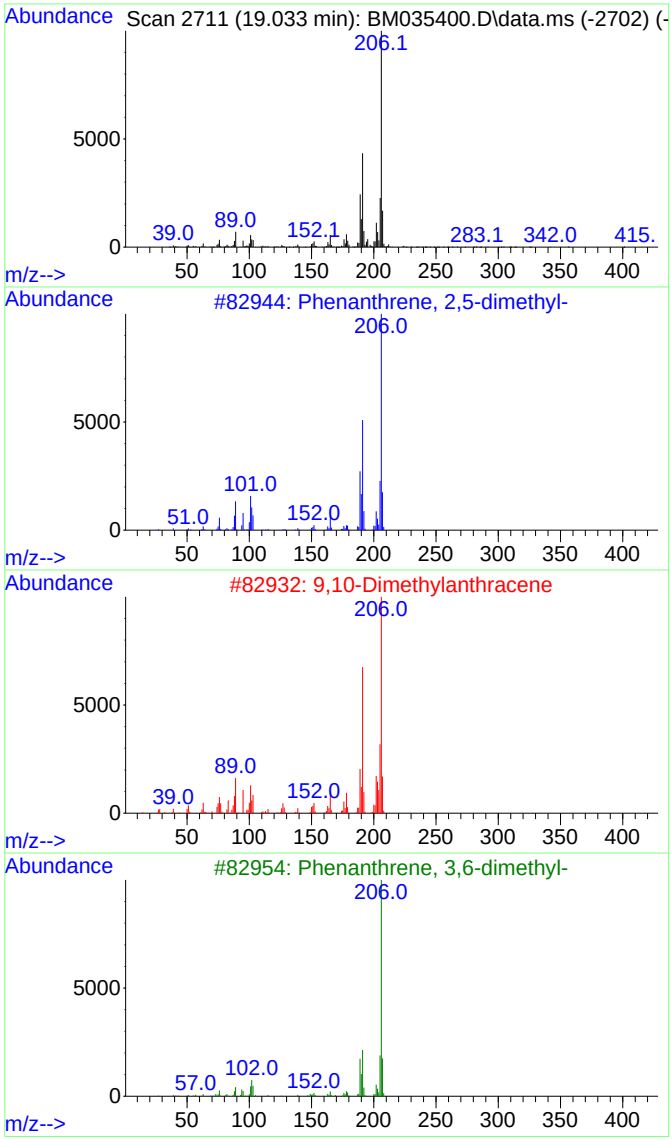
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

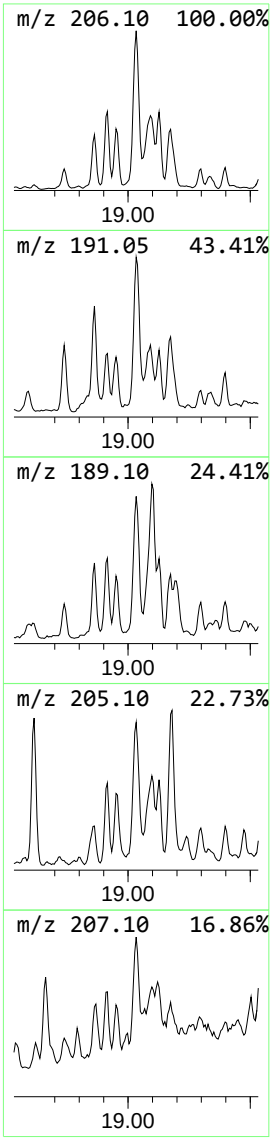
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	14.61 ng	1466660	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

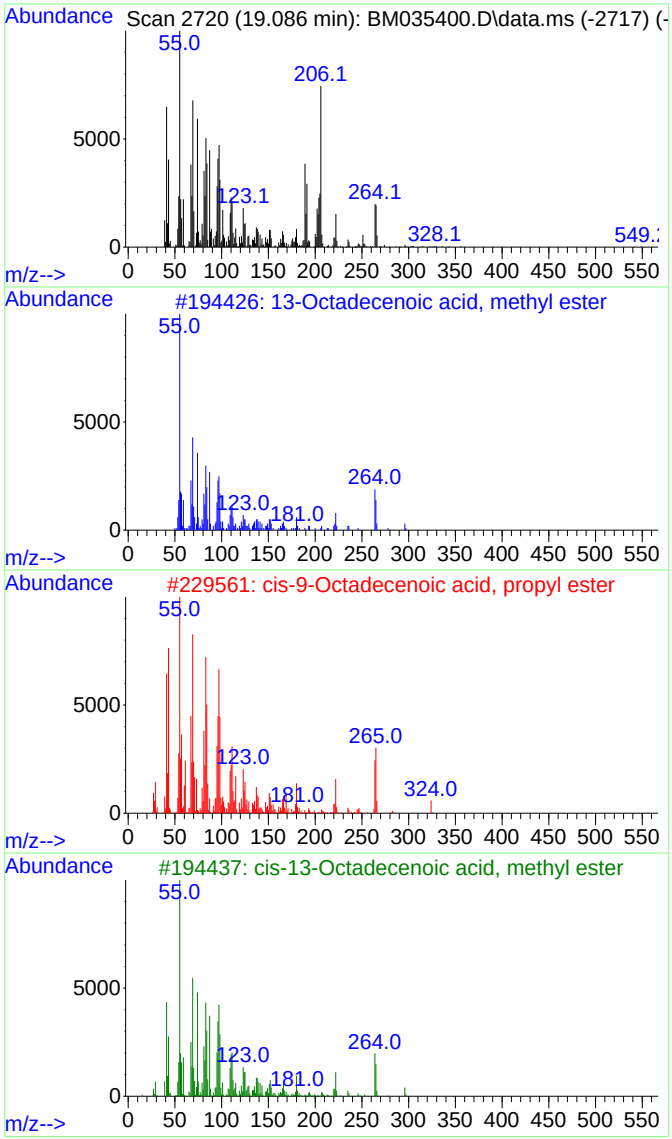
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

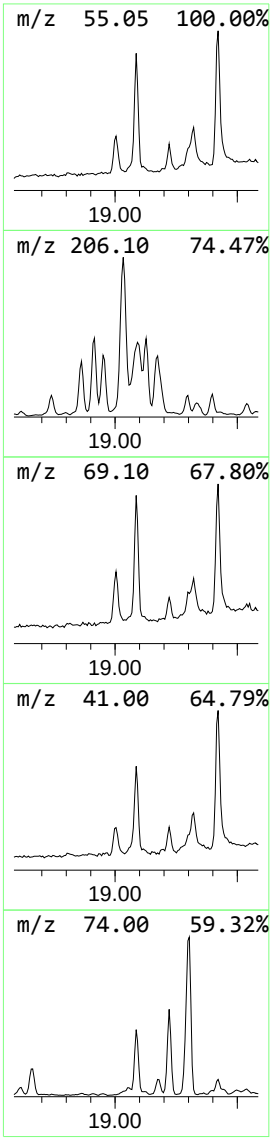
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 13-Octadecenoic acid, methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	9.62 ng	965443	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
2	cis-9-Octadecenoic acid, propyl ...	324	C21H40O2	1000405-15-0	84
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	78
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	70
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	70





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ALS Vial : 15 Sample Multiplier: 1

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

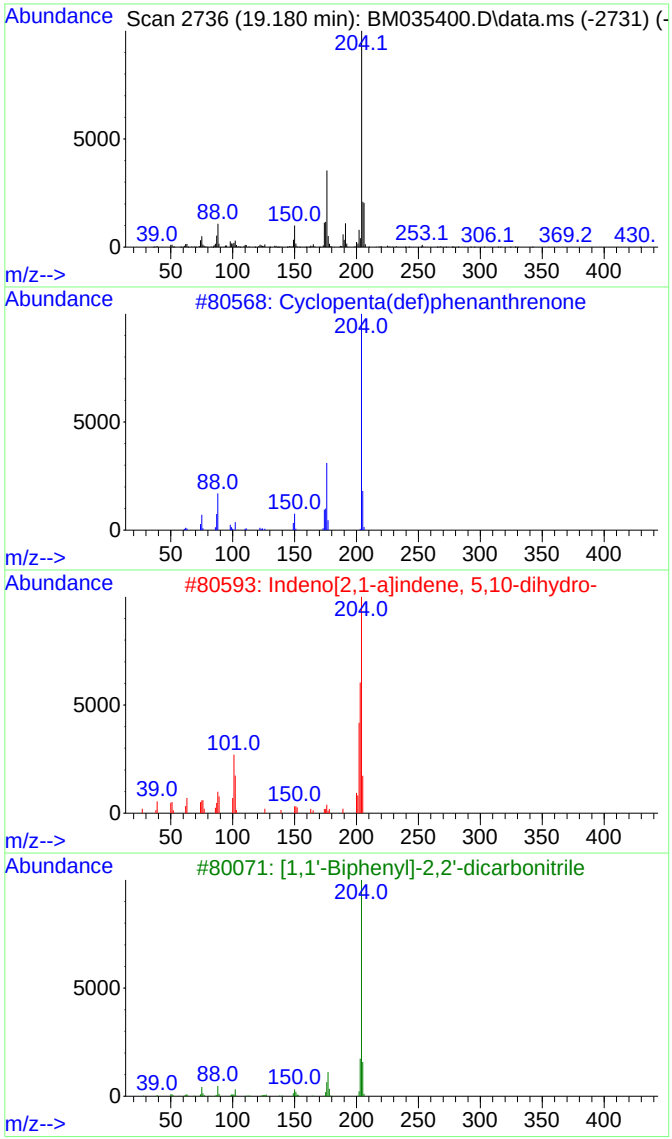
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

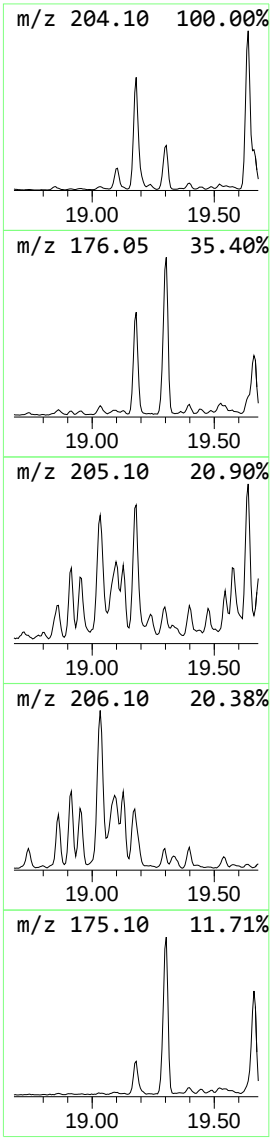
****

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	11.58 ng	1163020	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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ALS Vial : 15 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
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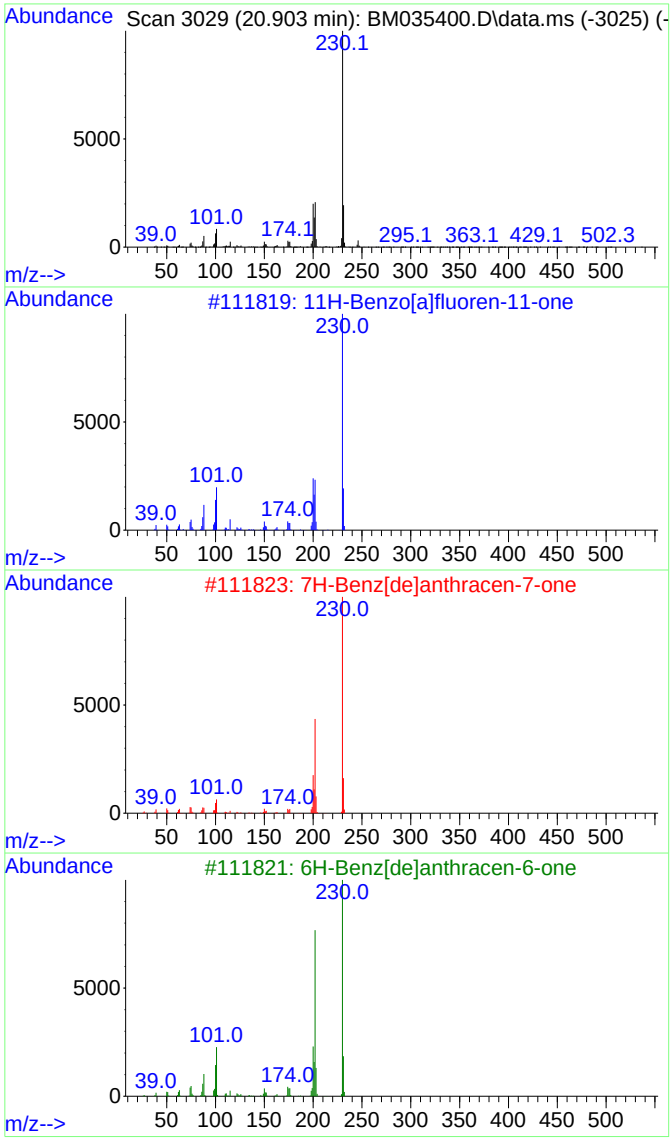
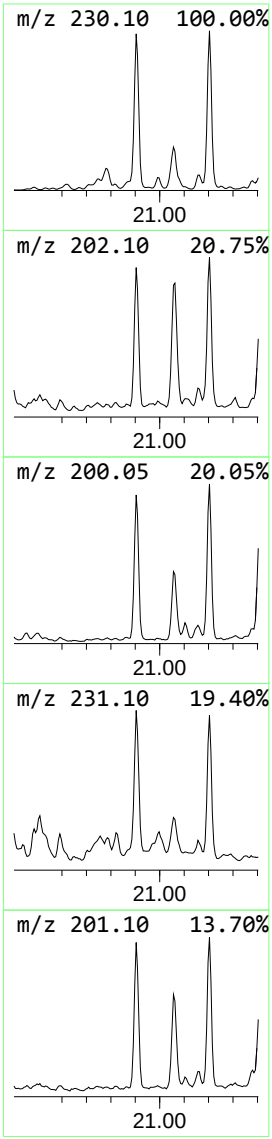
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.903	3.41 ng	2190660	Chrysene-d12	21.421

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	64
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	p-Terphenyl	230	C18H14	000092-94-4	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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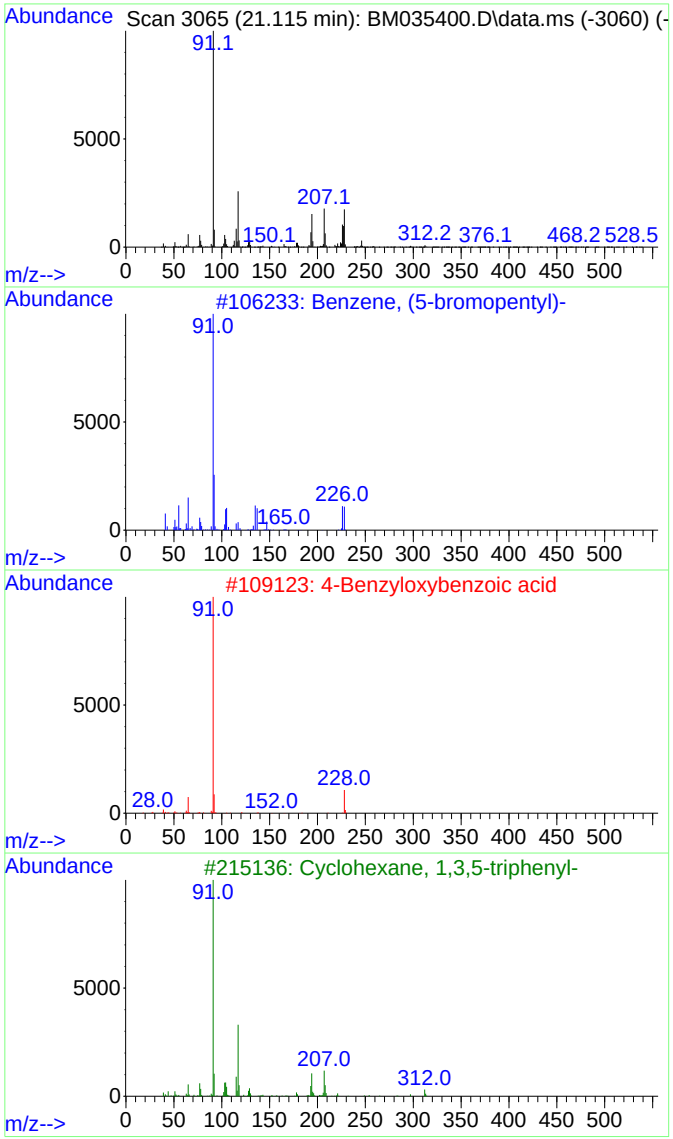
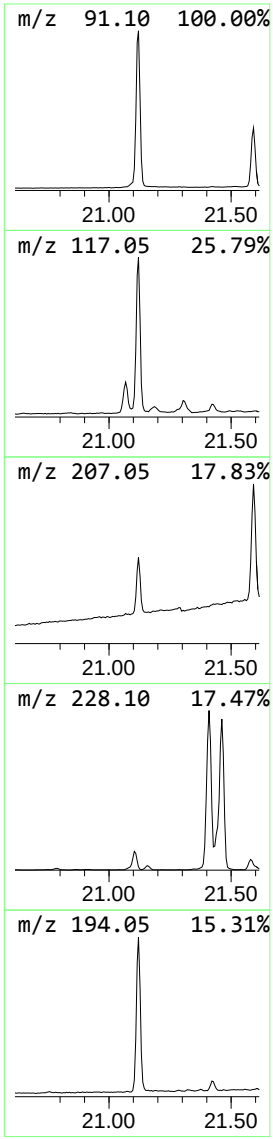
Peak Number 16 unknown21.115 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.115	5.07 ng	3254130	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (5-bromopentyl)-	226	C11H15Br	014469-83-1	27
2	4-Benzyloxybenzoic acid	228	C14H12O3	001486-51-7	18
3	Cyclohexane, 1,3,5-triphenyl-	312	C24H24	028336-57-4	16
4	2,5-Diphenyltetrazole	222	C13H10N4	018039-45-7	14
5	2-[4-(Benzyloxy)phenyl]ethanol	228	C15H16O2	061439-59-6	14





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Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

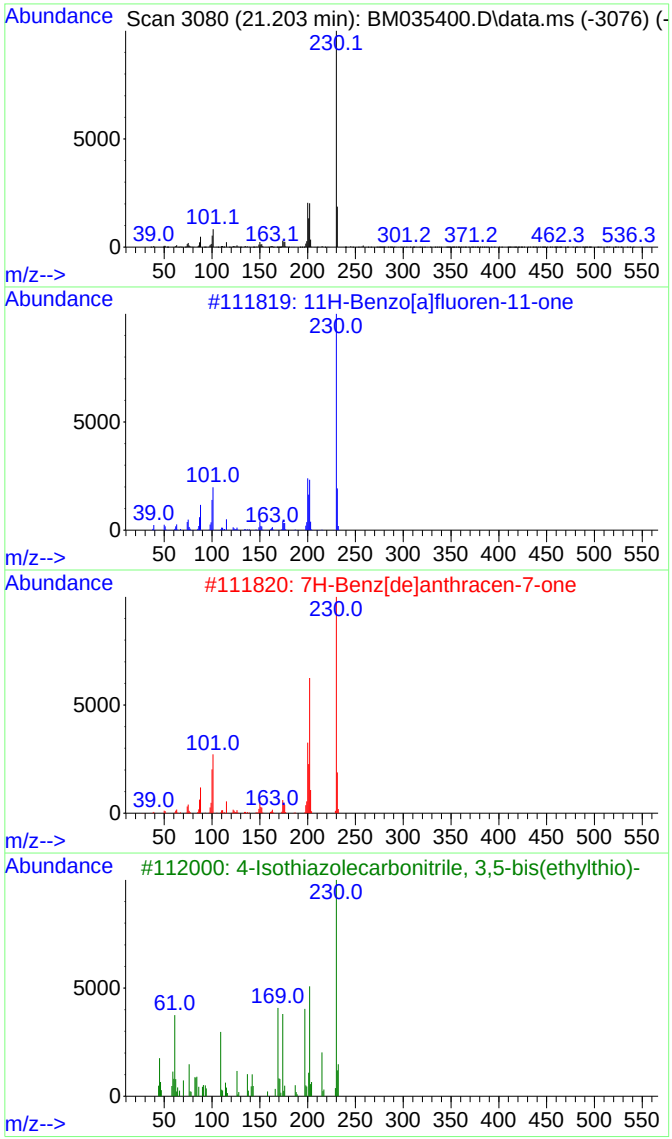
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

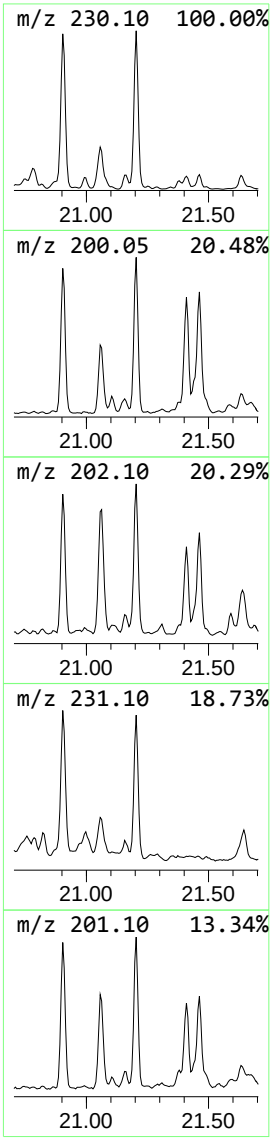
****

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.203	3.78 ng	2426250	Chrysene-d12	21.421

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	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	56
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Data File : BM035400.D
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Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

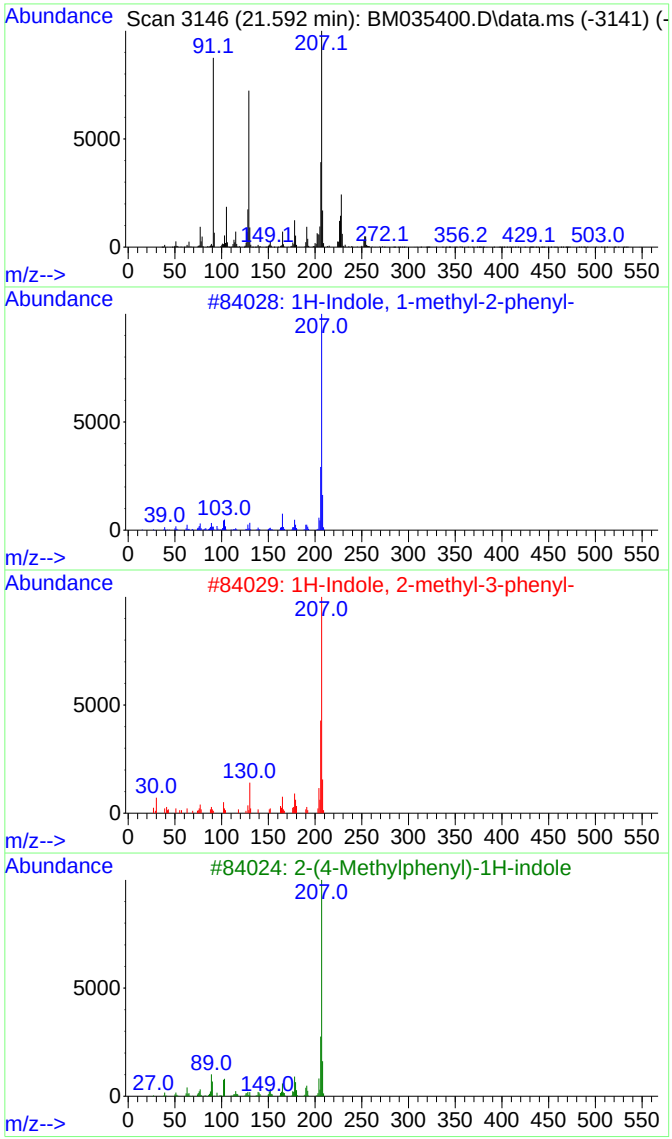
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

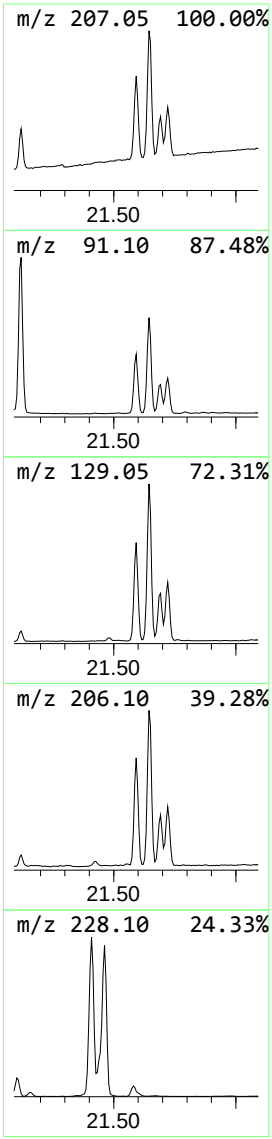
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indole, 1-methyl-2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.592	4.04 ng	2594730	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	60
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	53
3	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	49
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	46
5	6-Methyl-5-[1-piperidinyl]-2,4-p...	207	C10H17N5	164589-37-1	43





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Data File : BM035400.D
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Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

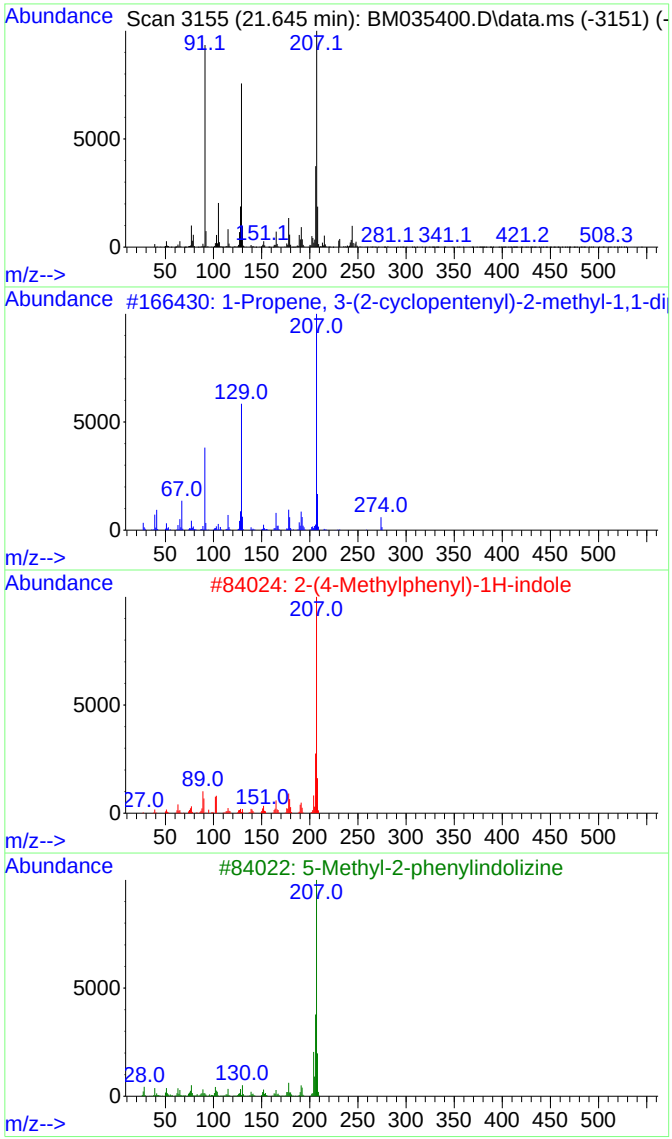
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

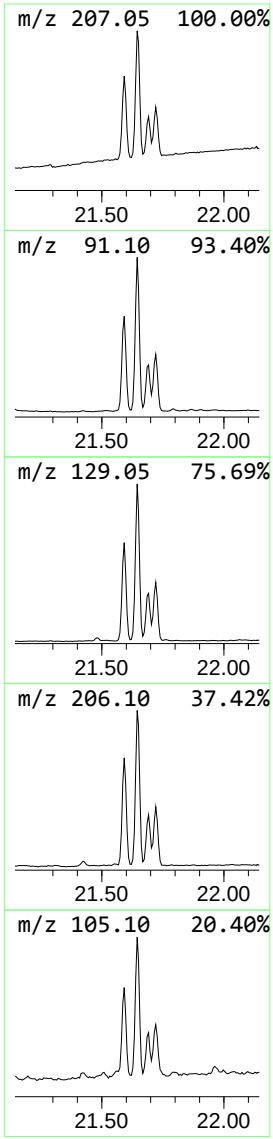
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Propene, 3-(2-cyclopenten... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.645	5.26 ng	3380500	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	80
2	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	46
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	46
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	45
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	45





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Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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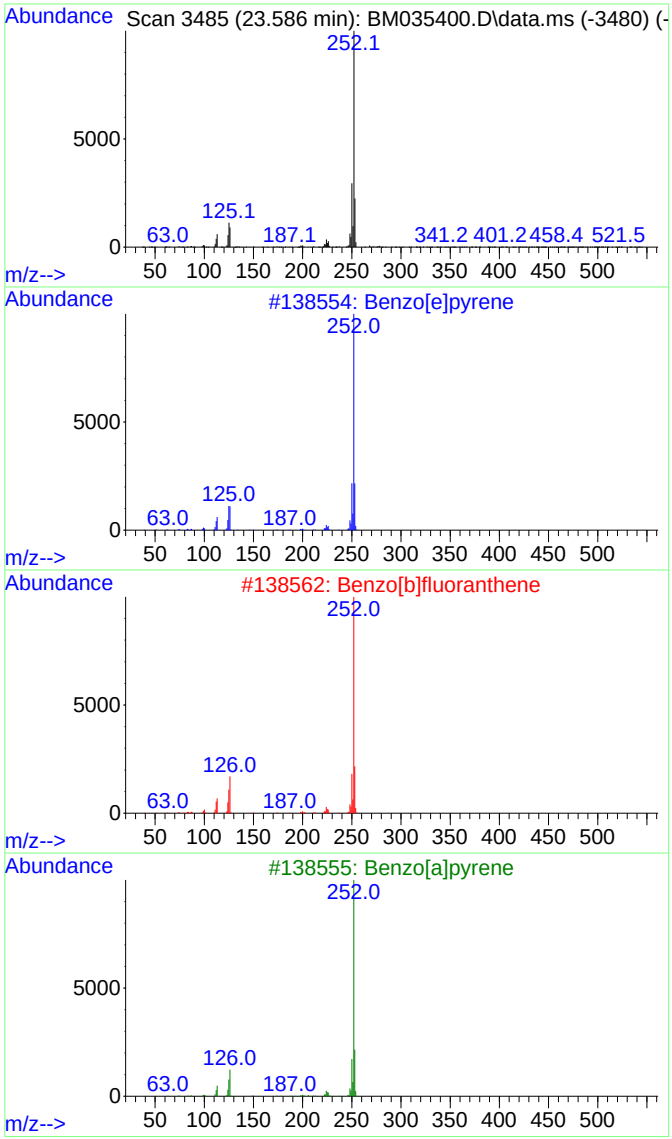
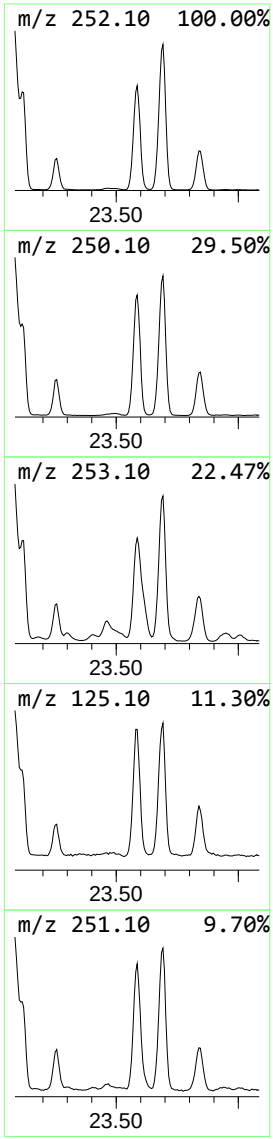
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.586	15.20 ng	6206790	Perylene-d12	23.791

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035400.D
Acq On : 03 Jun 2022 18:10
Operator : CG/JU
Sample : N3139-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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	16.892	6.3	ng	627541	4	17.239	2008040	20.0
Dibenzothiophene	17.051	6.2	ng	625704	4	17.239	2008040	20.0
Hexadecanoic ac...	17.915	4.1	ng	413273	4	17.239	2008040	20.0
Anthracene, 2-m...	18.115	12.9	ng	1293770	4	17.239	2008040	20.0
Phenanthrene, 2...	18.162	32.8	ng	3291230	4	17.239	2008040	20.0
1H-Cyclopropa[l...	18.245	6.4	ng	638854	4	17.239	2008040	20.0
4H-Cyclopenta[d...	18.310	23.8	ng	2387970	4	17.239	2008040	20.0
Phenanthrene, 4...	18.345	8.3	ng	831999	4	17.239	2008040	20.0
Naphthalene, 2-...	18.615	9.5	ng	954907	4	17.239	2008040	20.0
9,10-Anthracene...	18.662	8.8	ng	888306	4	17.239	2008040	20.0
Phenanthrene, 3...	18.951	3.5	ng	353863	4	17.239	2008040	20.0
Phenanthrene, 2...	19.033	14.6	ng	1466660	4	17.239	2008040	20.0
13-Octadecenoic...	19.086	9.6	ng	965443	4	17.239	2008040	20.0
Cyclopenta(def)...	19.180	11.6	ng	1163020	4	17.239	2008040	20.0
11H-Benzo[a]flu...	20.903	3.4	ng	2190660	5	21.421	12848800	20.0
unknown21.115	21.115	5.1	ng	3254130	5	21.421	12848800	20.0
7H-Benz[de]anth...	21.203	3.8	ng	2426250	5	21.421	12848800	20.0
1H-Indole, 1-me...	21.592	4.0	ng	2594730	5	21.421	12848800	20.0
1-Propene, 3-(2...	21.645	5.3	ng	3380500	5	21.421	12848800	20.0
Benzo[e]pyrene	23.586	15.2	ng	6206790	6	23.791	8166980	20.0