LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

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_P\Methods\8270E-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.029	3	7	18	rVB	313857	401549	1.87%	0.292%
2	5.411	406	412	430	rBV	2590148	4582193	21.39%	3.328%
3	7.005	676	683	706	rBV	2580030	4853638	22.65%	3.525%
4	7.822	814	822	831	rBV	608552	1028262	4.80%	0.747%
5	8.981	1012	1019	1041	rBV	1727977	3187151	14.87%	2.314%
6	10.622	1289	1298	1304	rBV	741923	1372033	6.40%	0.996%
7	13.087	1709	1717	1747	rBV	5154400	8148625	38.03%	5.917%
8	14.187	1899	1904	1913	rVB	152823	254090	1.19%	0.185%
9	14.463	1941	1951	1957	rBV	1261866	1941002	9.06%	1.410%
10	14.528	1957	1962	1971	rVB	293525	499856	2.33%	0.363%
11	14.869	2013	2020	2028	rBV	123956	224659	1.05%	0.163%
12	15.516	2124	2130	2141	rVB	273105	446334	2.08%	0.324%
13	15.846	2182	2186	2196	rVB	193011	336022	1.57%	0.244%
14	15.963	2199	2206	2227	rVB	4091703	6634832	30.96%	4.818%
15	16.522	2290	2301	2306	rBV4	100477	287353	1.34%	0.209%
16	16.875	2357	2361	2368	rVB	148314	242487	1.13%	0.176%
17	16.975	2369	2378	2384	rVV3	163945	390639	1.82%	0.284%
18	17.040	2384	2389	2402	rVB	195057	348162	1.62%	0.253%
19	17.222	2413	2420	2423	rBV	1632766	2433538	11.36%	1.767%
20	17.263	2423	2427	2435	rVV	3643584	5501857	25.68%	3.995%
21	17.351	2437	2442	2449	rVB	592361	953140	4.45%	0.692%
22	17.634	2483	2490	2503	rBV2	215535	505388	2.36%	0.367%
23	18.092	2562	2568	2570	rBV	699870	986329	4.60%	0.716%
24	18.134	2570	2575	2580	rVB	900557	1597634	7.46%	1.160%
25	18.216	2585	2589	2593	rVV	255589	378874	1.77%	0.275%
26	18.275	2594	2599	2603	rVV2	916199	1652907	7.71%	1.200%
27	18.310	2603	2605	2613	rVB	491077	667787	3.12%	0.485%
28	18.575	2645	2650	2653	rBV	476861	608926	2.84%	0.442%
29	18.616	2653	2657	2664	rVB	467257	660578	3.08%	0.480%
30	18.981	2714	2719	2722	rBV	391405	608924	2.84%	0.442%
31	19.116	2737	2742	2749	rBV3	364928	671417	3.13%	0.488%
32	19.234	2756	2762	2769	rBV	5763755	7355173	34.33%	5.341%
33	19.345	2775	2781	2784	rBV2	181988	418857	1.95%	0.304%
34	19.586	2812	2822	2830	rBV	5240365	8707846	40.64%	6.323%
35	19.657	2830	2834	2840	rVB3	263012	425498	1.99%	0.309%
36	19.781	2848	2855	2860	rBV	9659554	11978312	55.90%	8.698%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

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_P\Methods\8270E-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.822	2860	2862	2869	rVB	211371	305116	1.42%	0.222%
38	19.904	2870	2876	2882	rBV4	405232	985245	4.60%	0.715%
39	20.039	2893	2899	2900	rBV2	364028	554630	2.59%	0.403%
40	20.069	2901	2904	2909	rVB	716324	1016064	4.74%	0.738%
41	20.169	2917	2921	2924	rBV	404945	504553	2.35%	0.366%
42	20.222	2924	2930	2934	rVV2	623494	956220	4.46%	0.694%
43	20.257	2934	2936	2941	rVB	174185	222186	1.04%	0.161%
44	20.363	2949	2954	2957	rBV	410816	567016	2.65%	0.412%
45	20.404	2957	2961	2965	rVB	453813	576553	2.69%	0.419%
46	20.804	3025	3029	3035	rVB	550267	690602	3.22%	0.502%
47	20.963	3052	3056	3059	rBV2	372987	565308	2.64%	0.411%
48	20.998	3059	3062	3065	rVV	488981	639386	2.98%	0.464%
49	21.039	3065	3069	3074	rVV3	685863	1255320	5.86%	0.912%
50	21.092	3074	3078	3085	rVB3	610484	934435	4.36%	0.679%
51	21.304	3108	3114	3119	rBV2	3444234	7446996	34.76%	5.408%
52	21.351	3119	3122	3129	rVB	2652789	3217499	15.02%	2.336%
53	21.433	3130	3136	3149	rBV	14519557	21427071	100.00%	15.560%
54	21.892	3210	3214	3217	rVB	404202	519613	2.43%	0.377%
55	22.986	3394	3400	3406	rBV	2084033	5183830	24.19%	3.764%
56	23.510	3483	3489	3496	rVB	1038331	2010216	9.38%	1.460%
57	23.610	3501	3506	3514	rVB	1953998	3894827	18.18%	2.828%
58	23.722	3518	3525	3530	rBV2	1370114	2941631	13.73%	2.136%

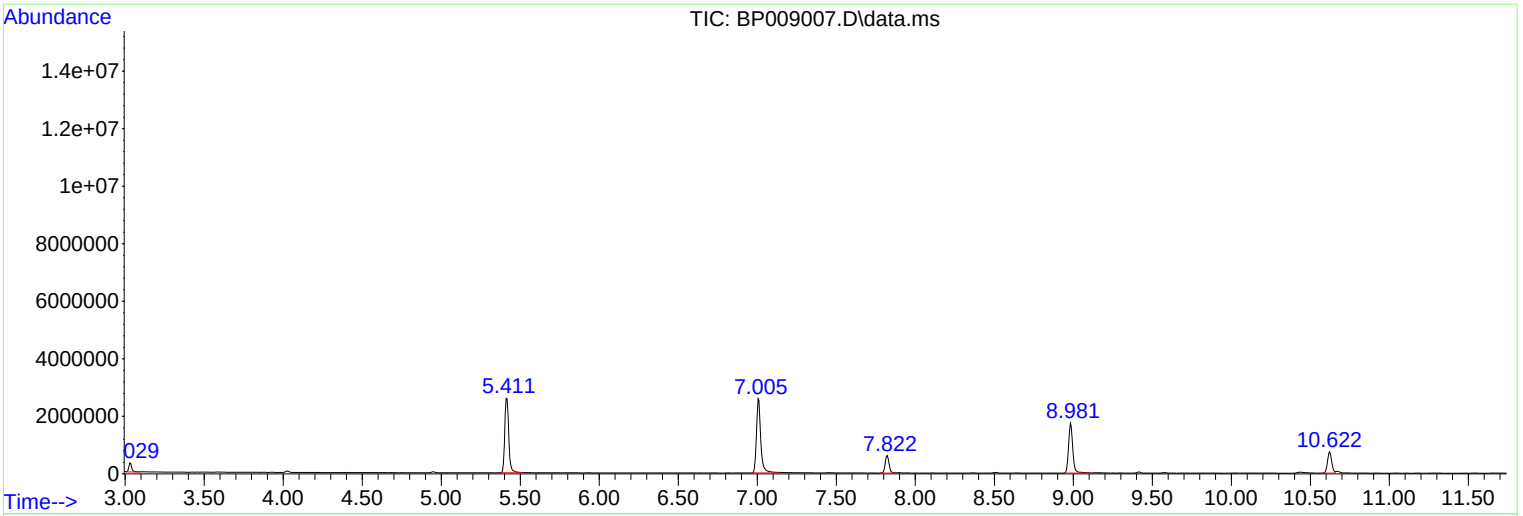
Sum of corrected areas: 137706189

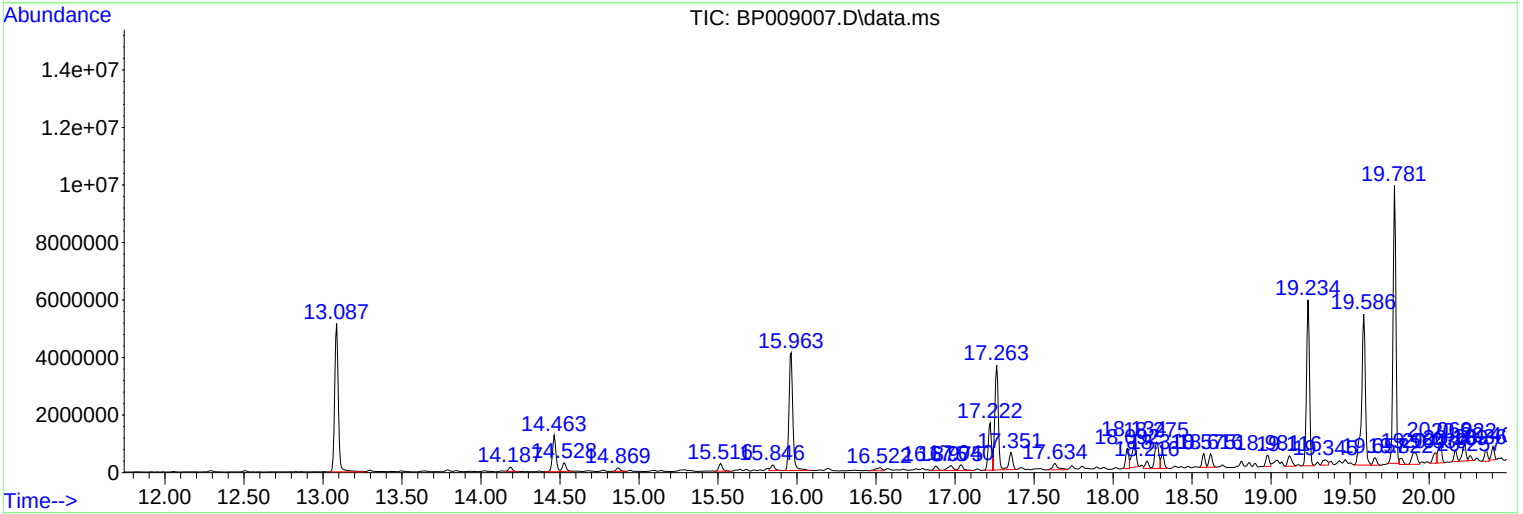
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

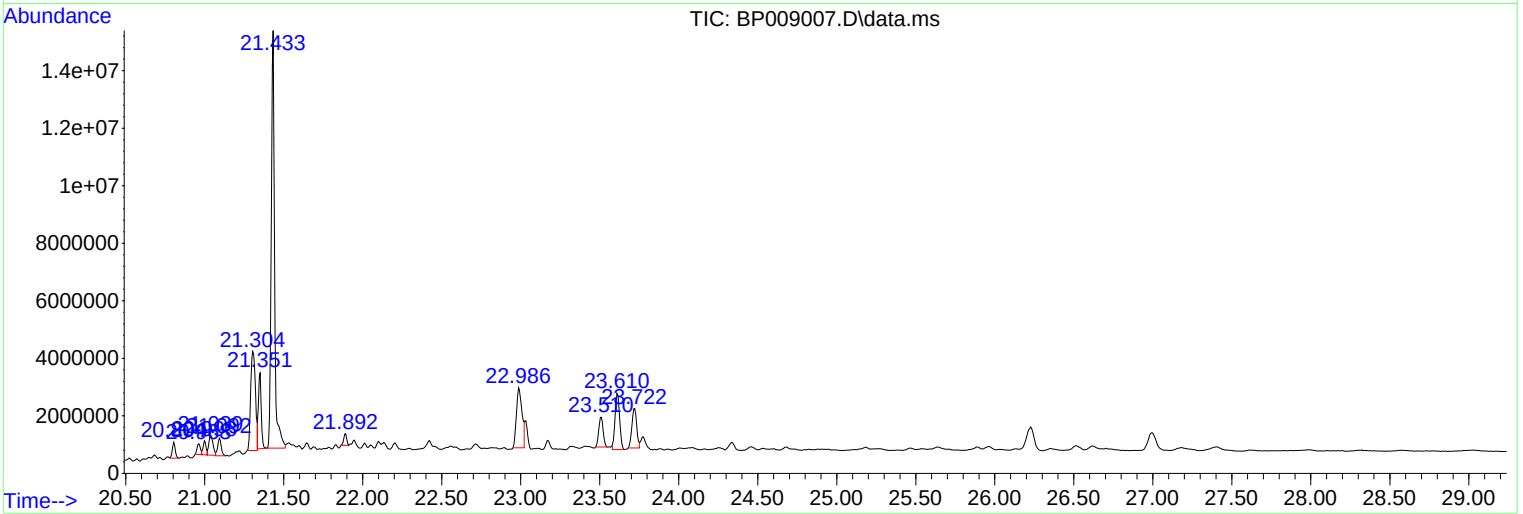
Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

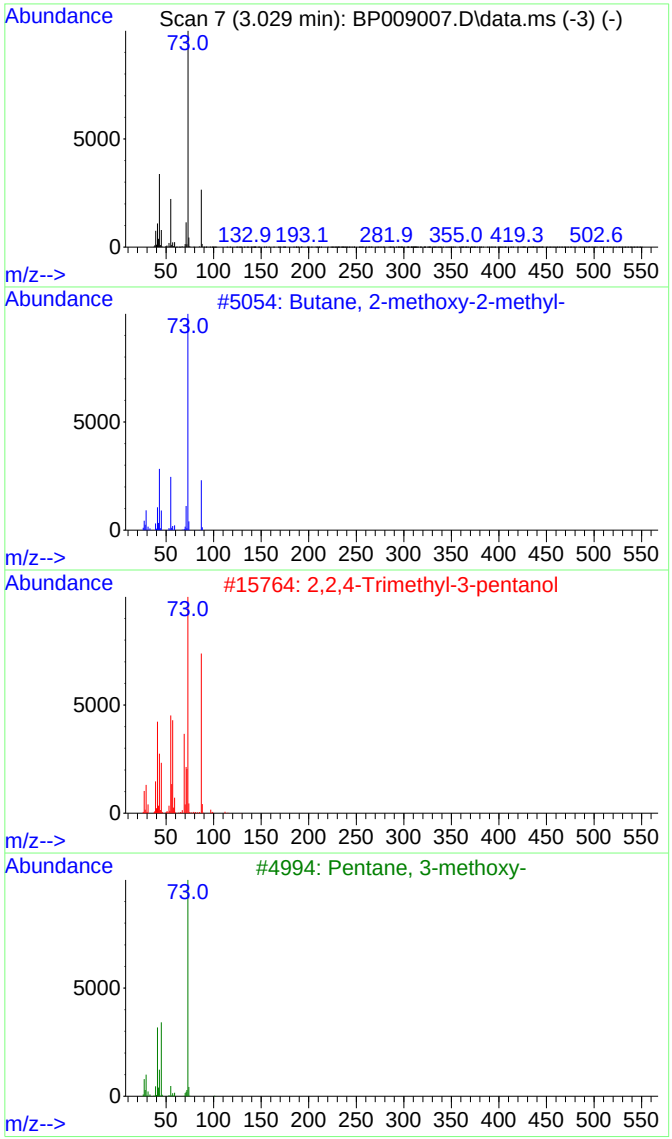
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

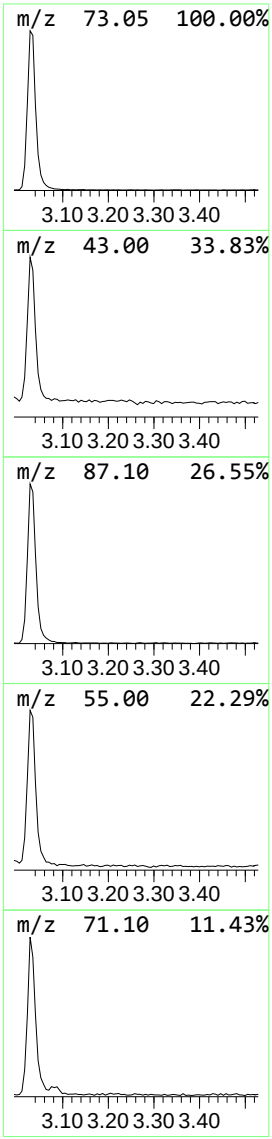
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.029	7.81 ng	401549	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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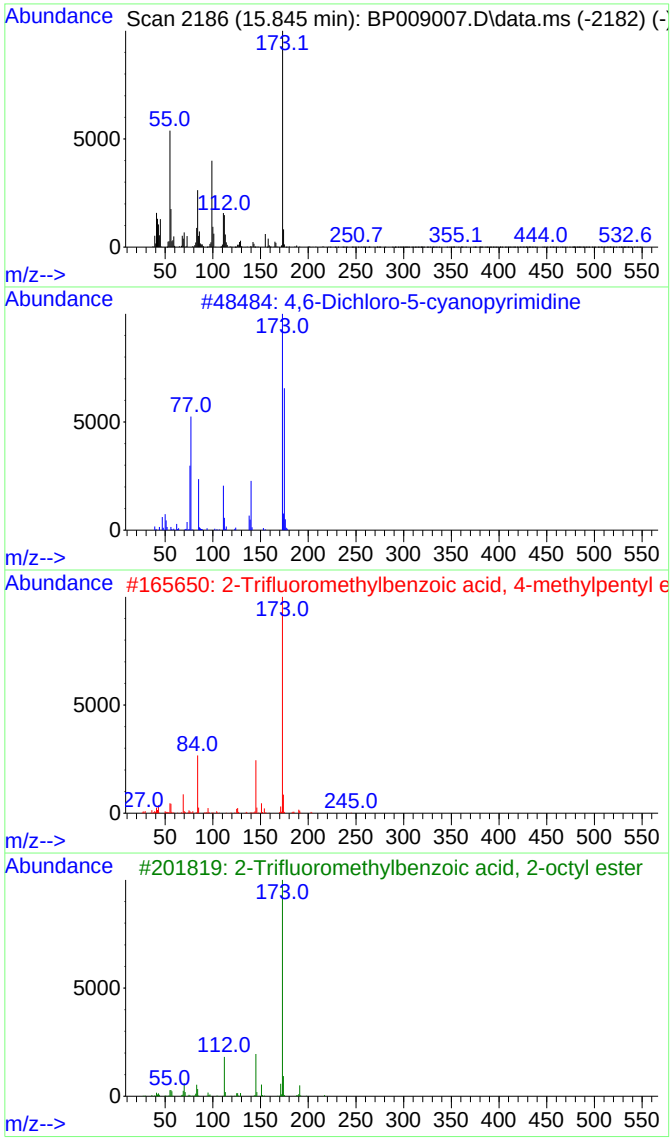
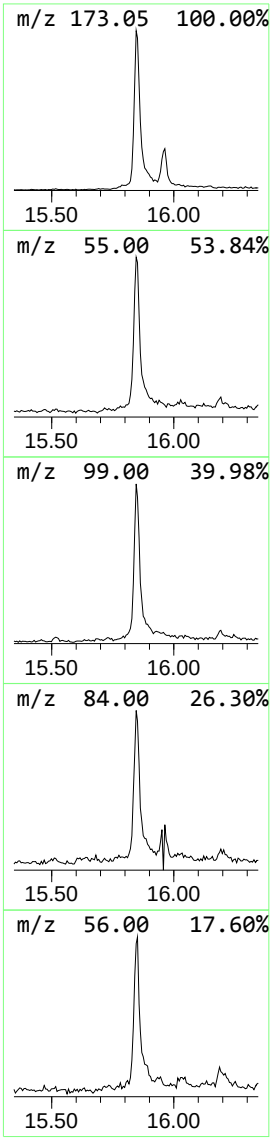
Peak Number 2 unknown15.845 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	2.76 ng	336022	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Dichloro-5-cyanopyrimidine	173	C5HCl2N3	005305-45-3	46
2	2-Trifluoromethylbenzoic acid, 4...	274	C14H17F3O2	1000282-28-8	43
3	2-Trifluoromethylbenzoic acid, 2...	302	C16H21F3O2	1000282-64-8	38
4	3-Trifluoromethylbenzoic acid, 2...	302	C16H21F3O2	1000282-68-6	32
5	2,6-Difluoro-3-methylbenzoic aci...	354	C21H32F2O2	1000338-85-0	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
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Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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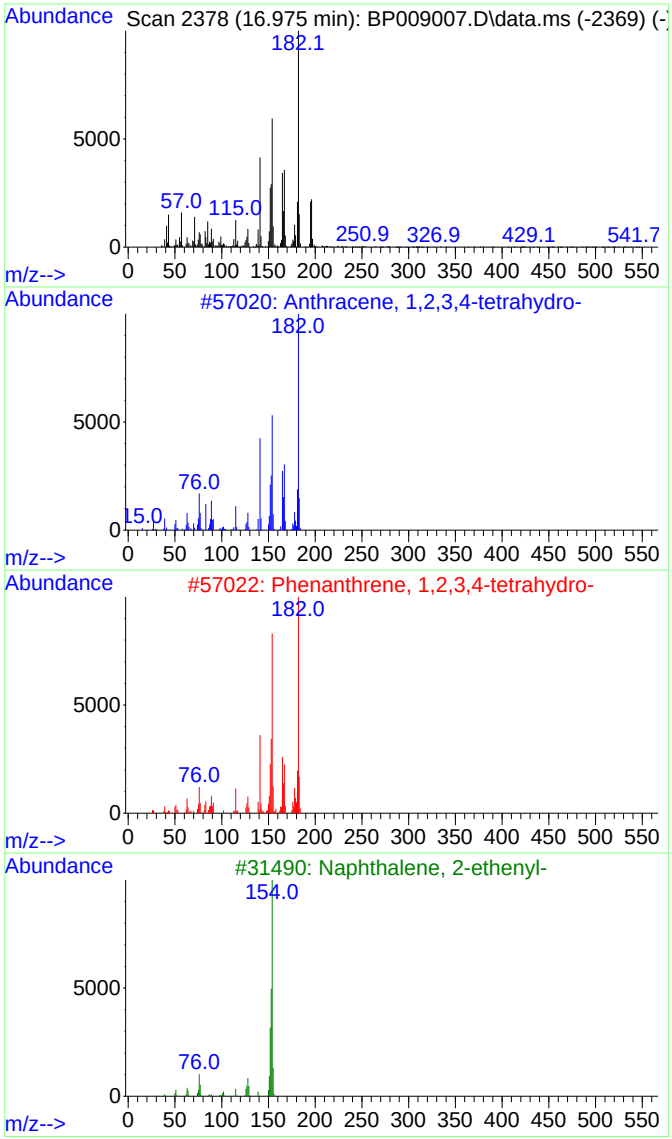
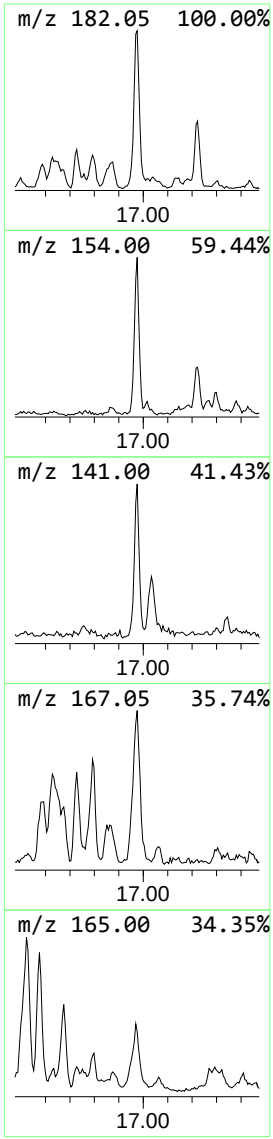
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	3.21 ng	390639	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	86
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	56
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	50
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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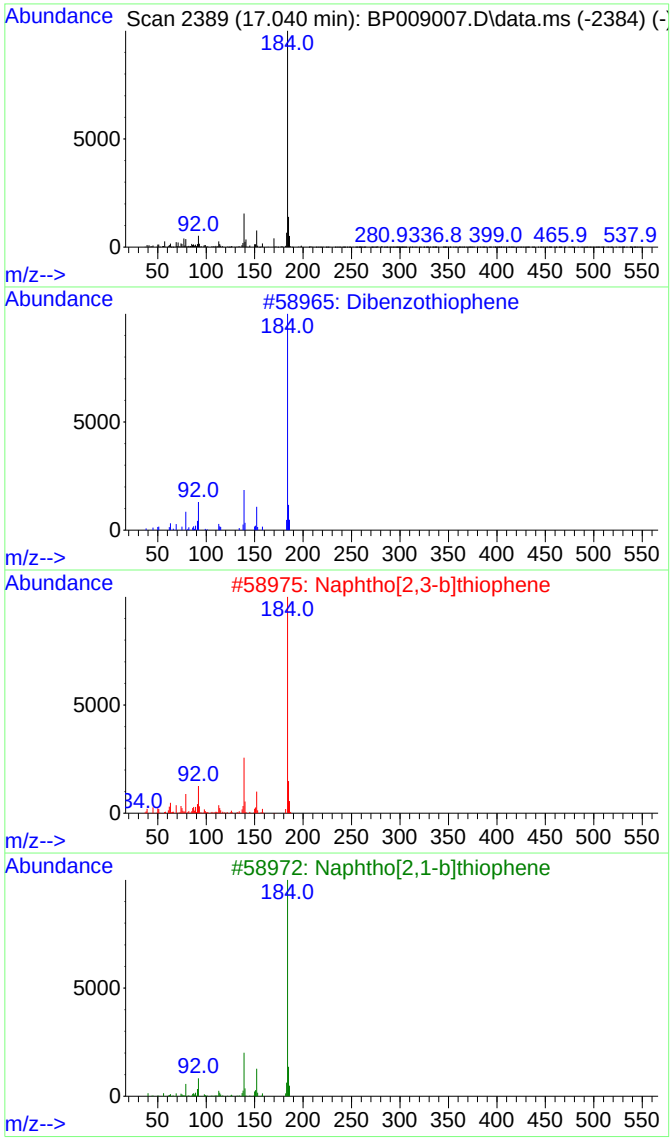
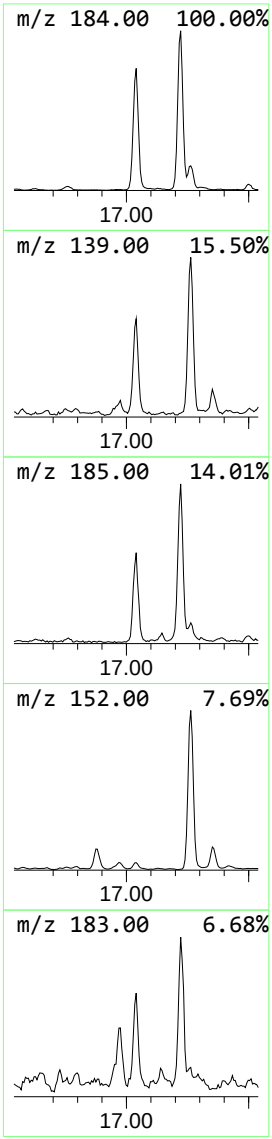
Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.040	2.86 ng	348162	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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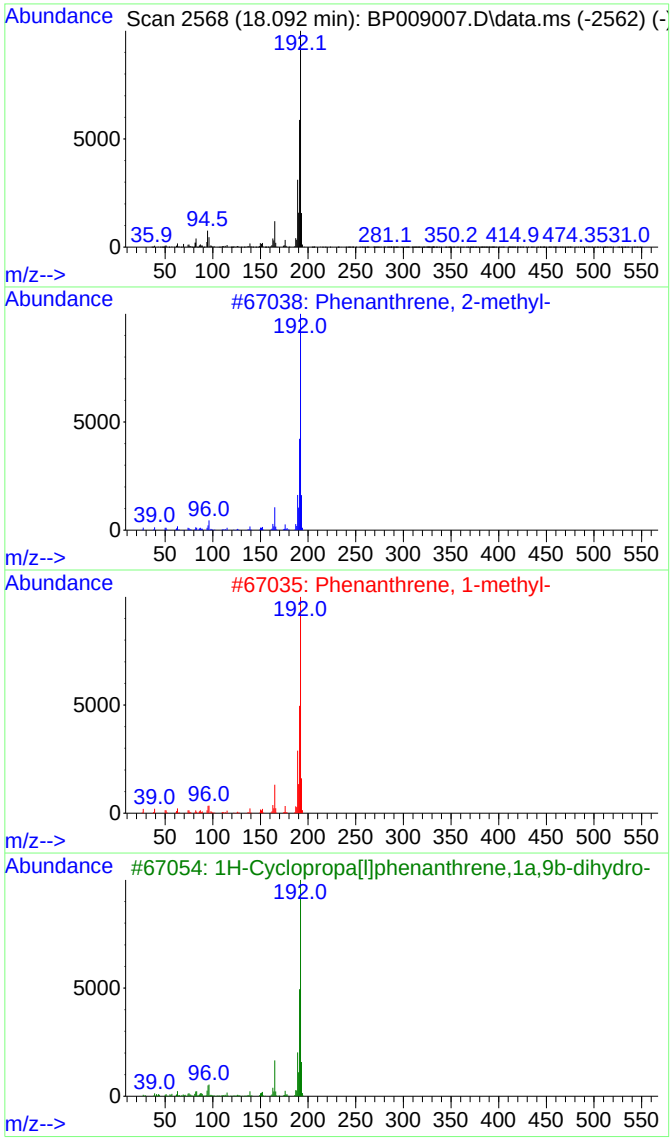
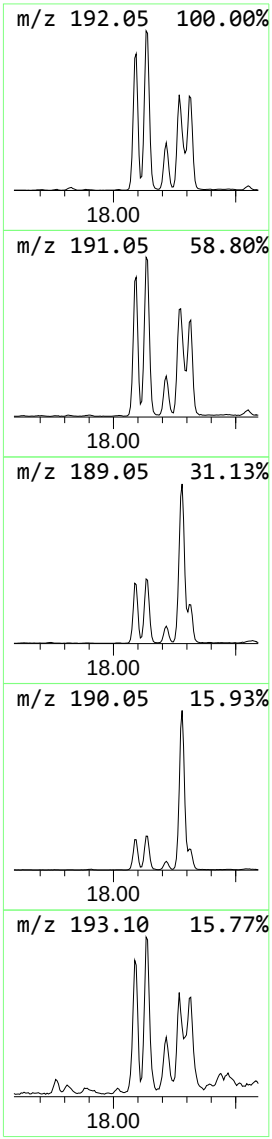
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	8.11 ng	986329	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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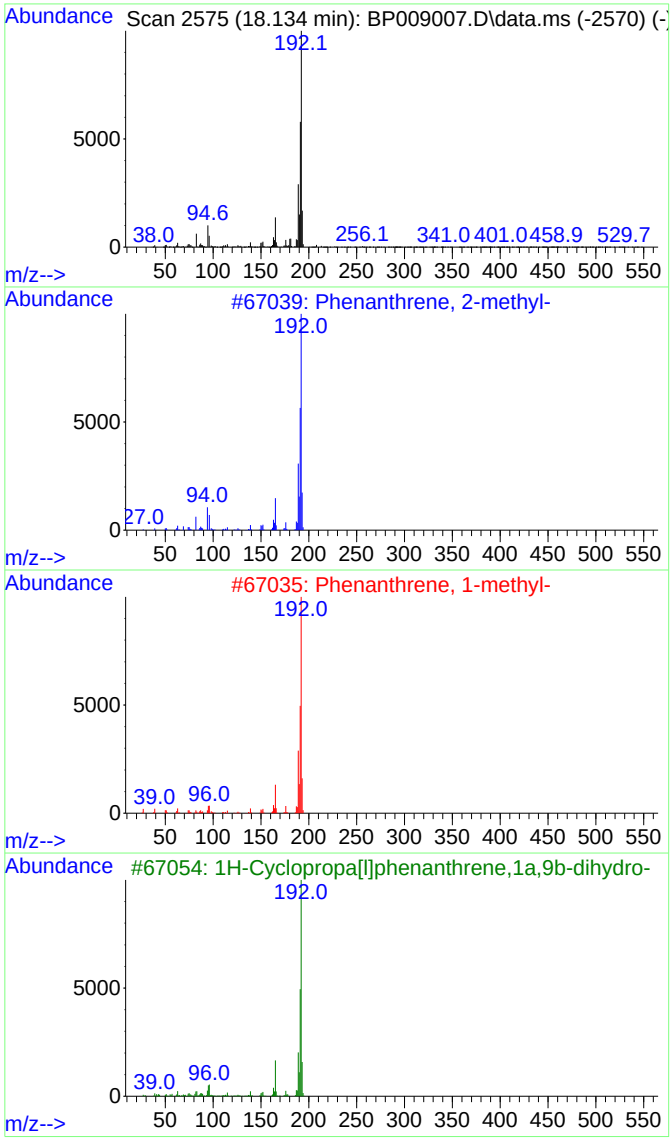
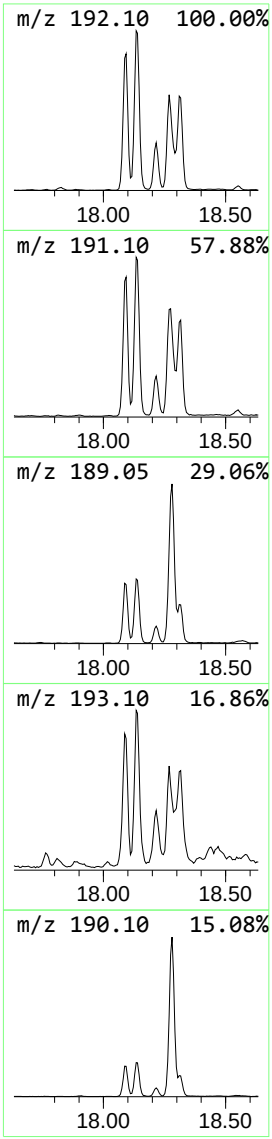
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	13.13 ng	1597630	Phenanthrene-d10	17.222

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

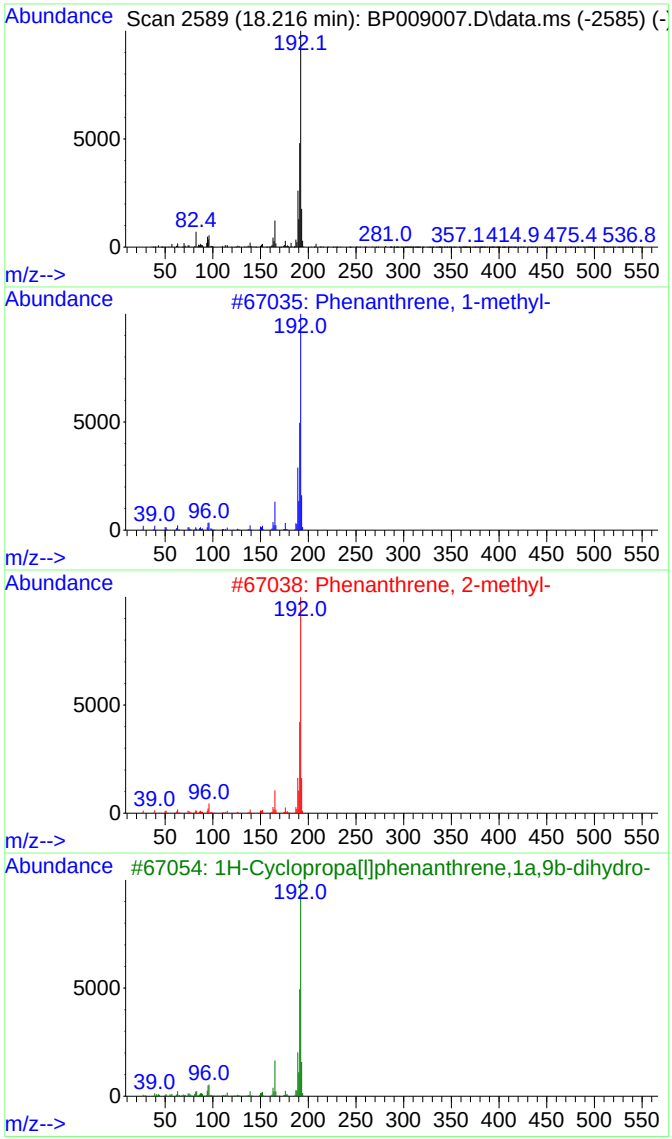
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

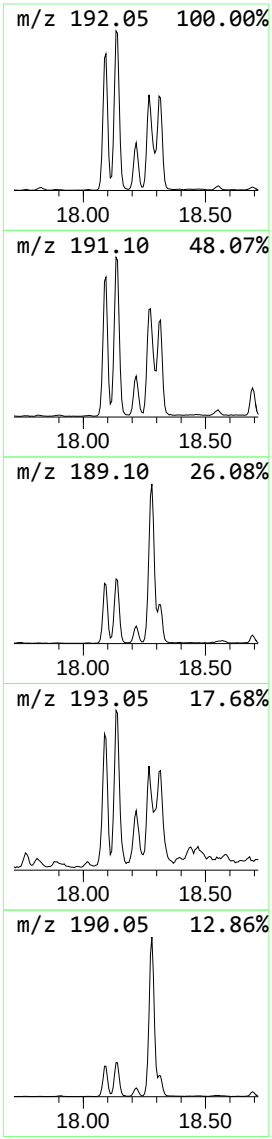
****

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	3.11 ng	378874	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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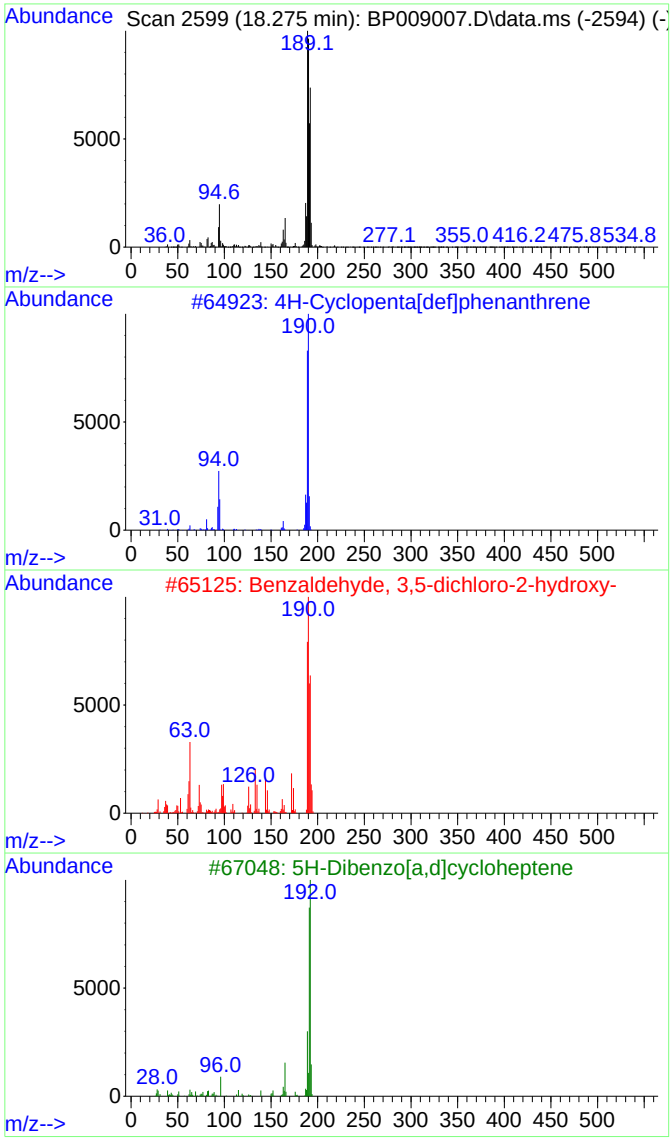
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

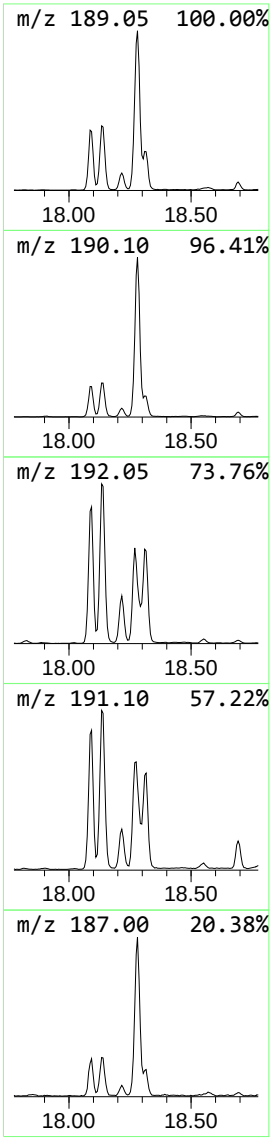
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	13.58 ng	1652910	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Misc :
ALS Vial : 9 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

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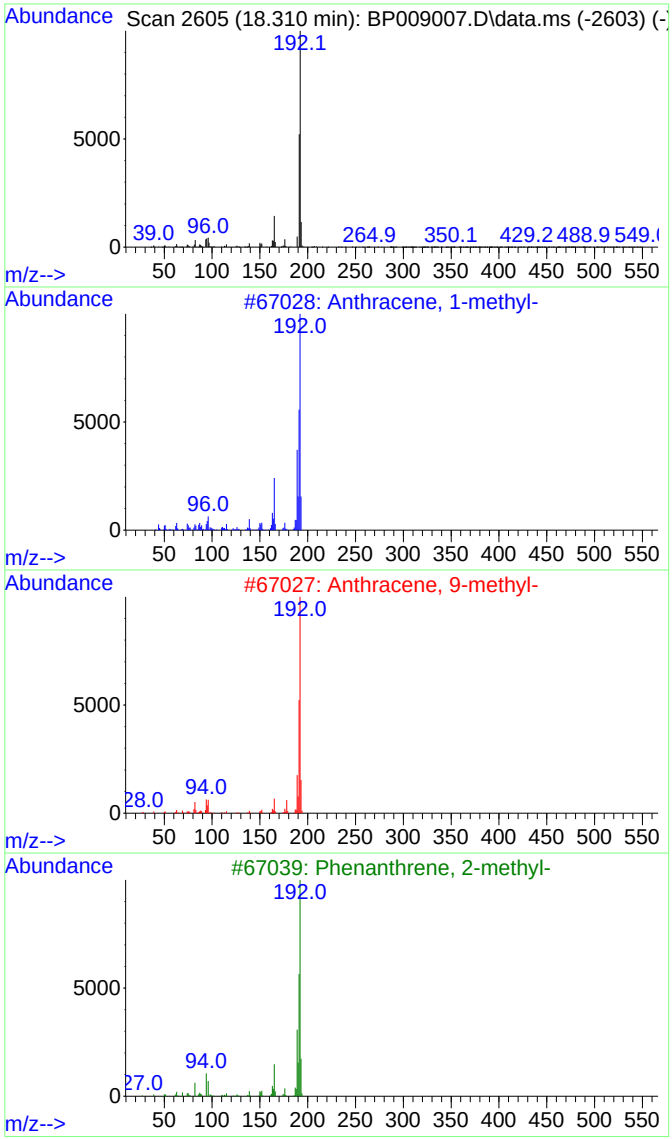
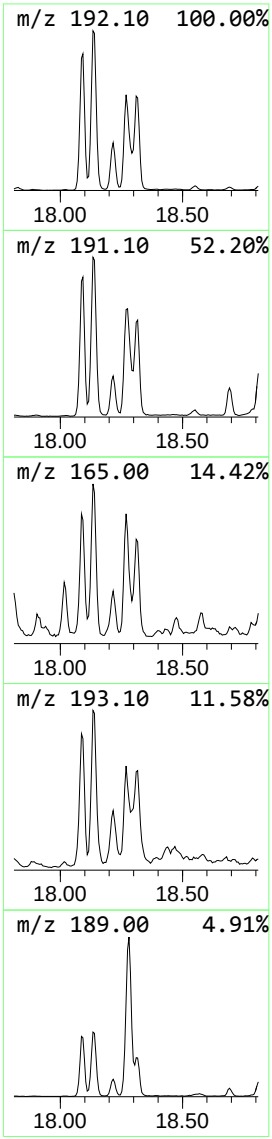
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	5.49 ng	667787	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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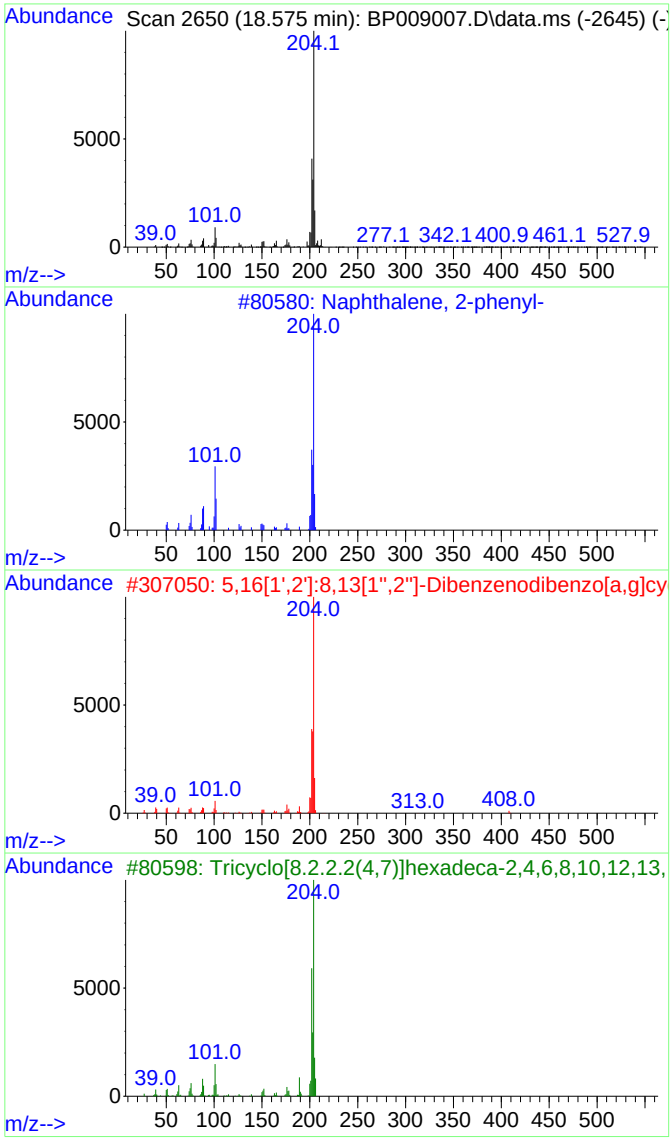
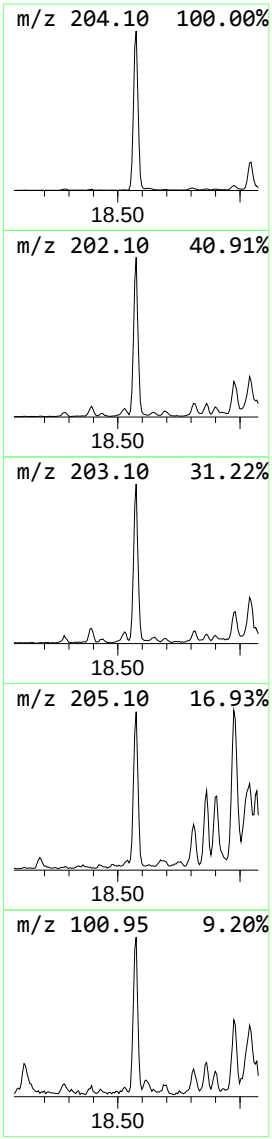
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	5.00 ng	608926	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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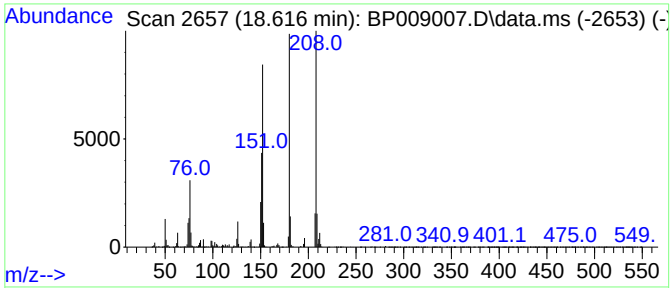
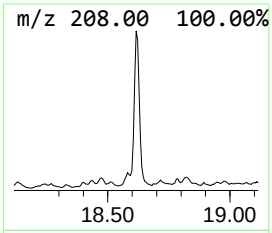
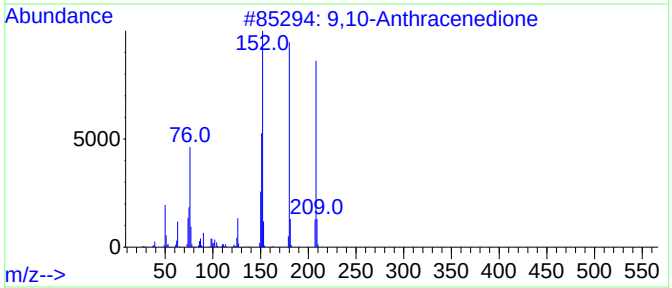
Peak Number 11 9,10-Anthracenedione Concentration Rank 9

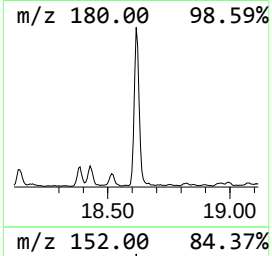
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	5.43 ng	660578	Phenanthrene-d10	17.222

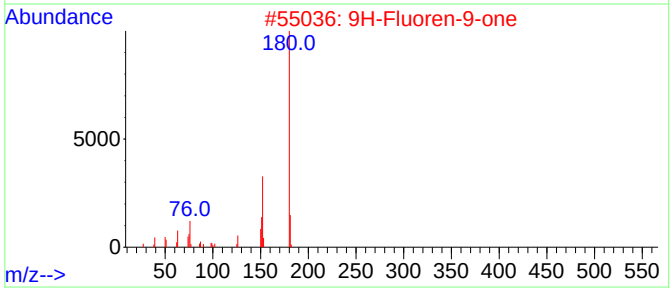
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58

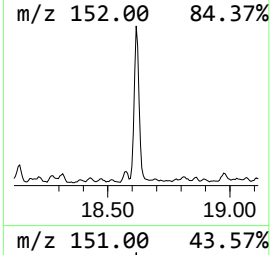


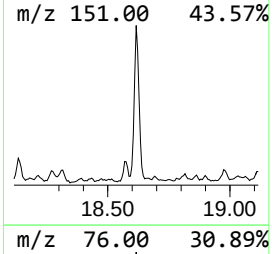


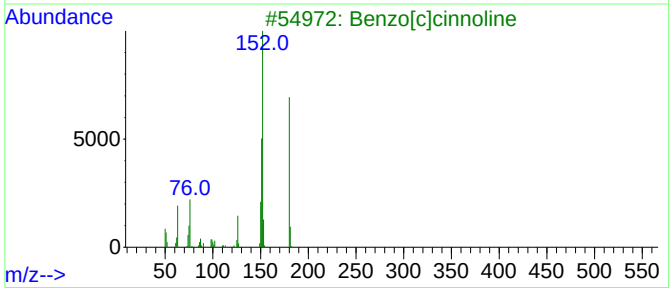


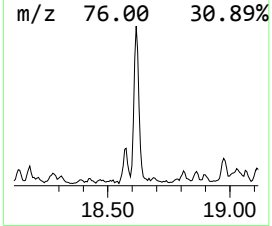












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Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

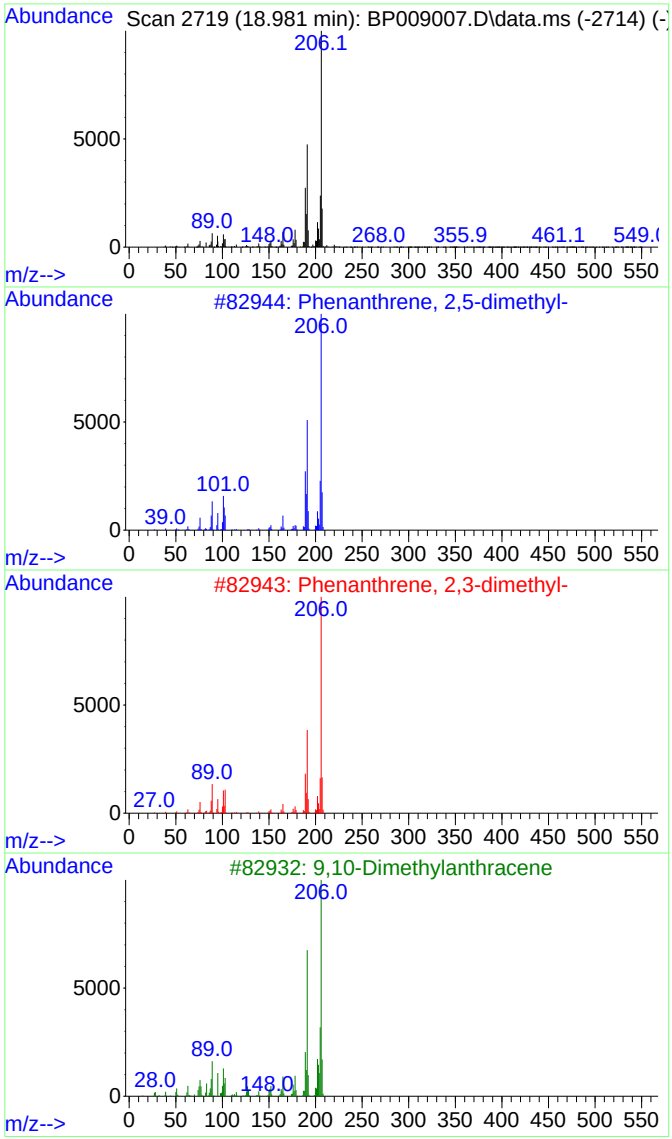
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

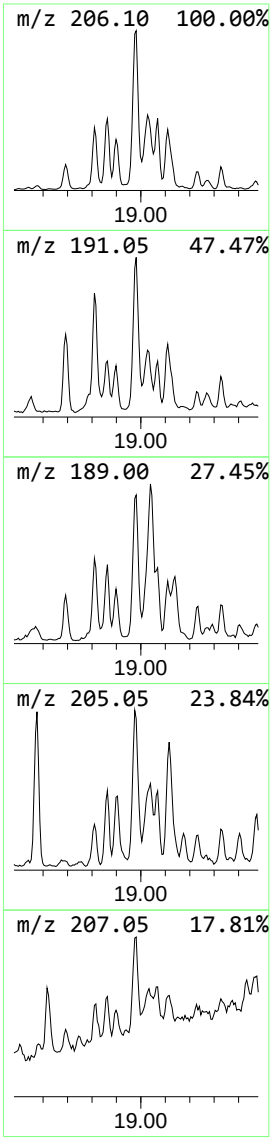
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.981	5.00 ng	608924	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Sample : N1356-03
Misc :
ALS Vial : 9 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

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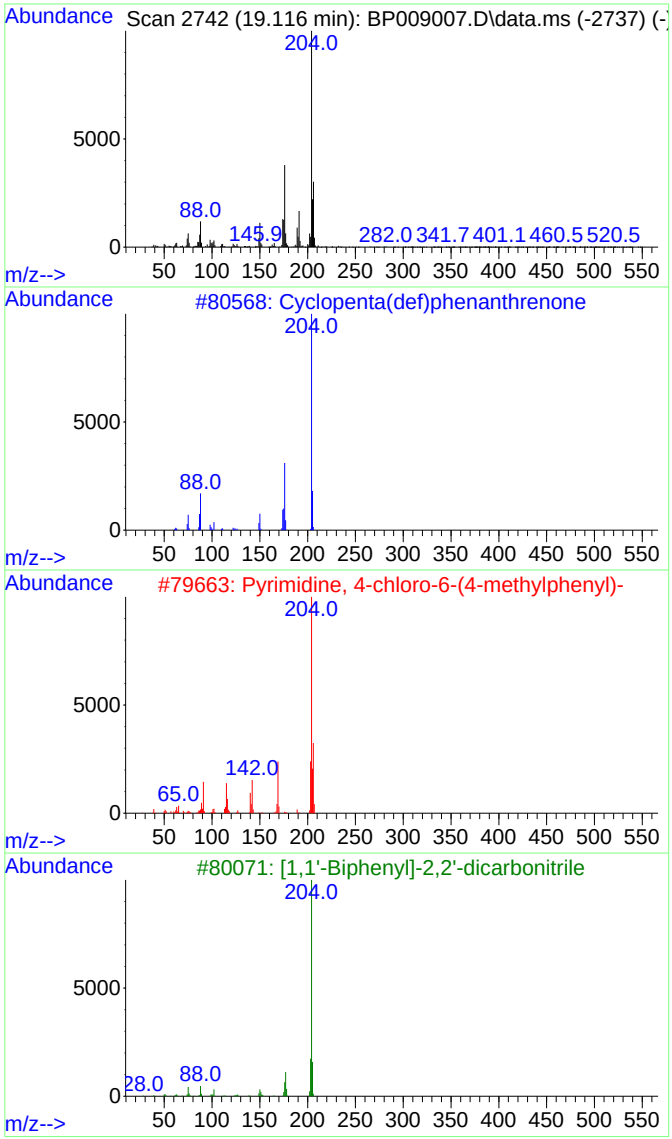
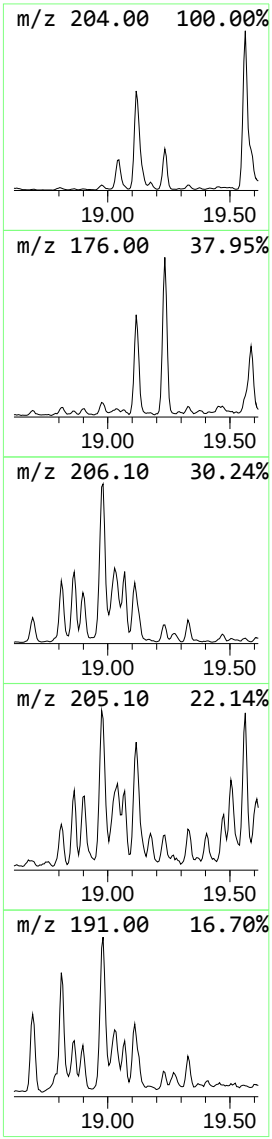
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	5.52 ng	671417	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
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	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
M-PHC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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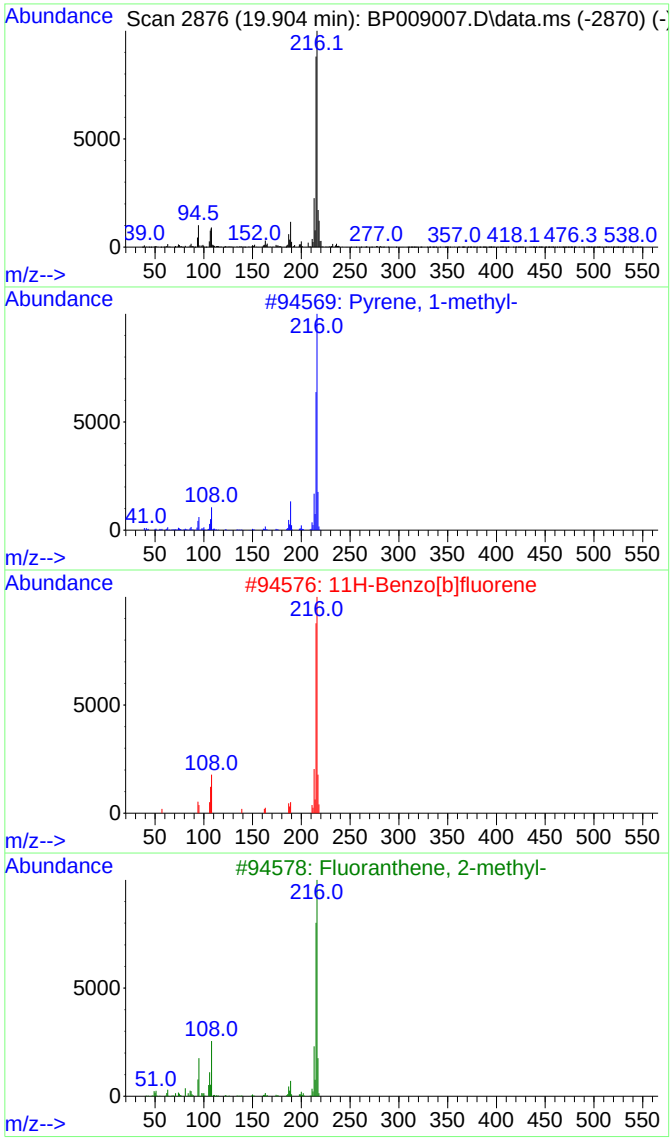
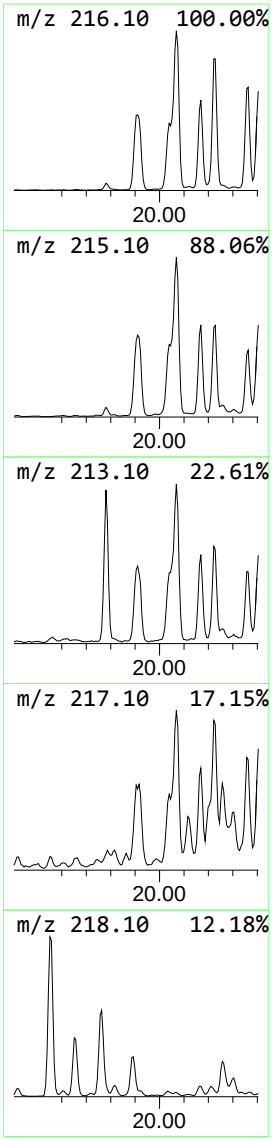
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.904	2.65 ng	985245	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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ALS Vial : 9 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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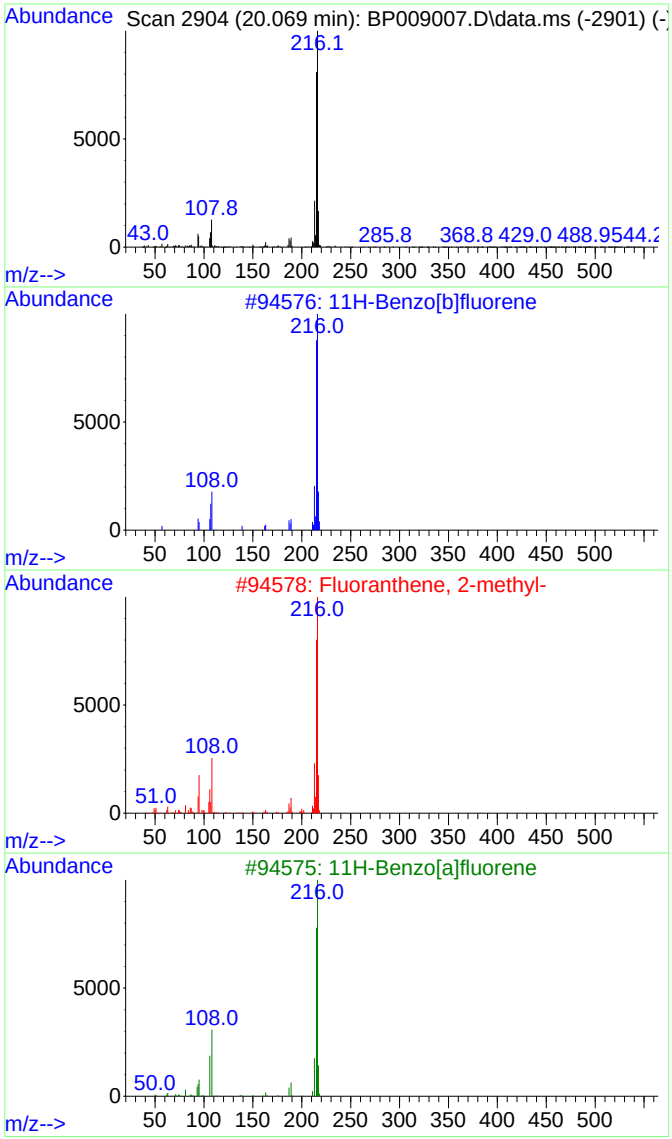
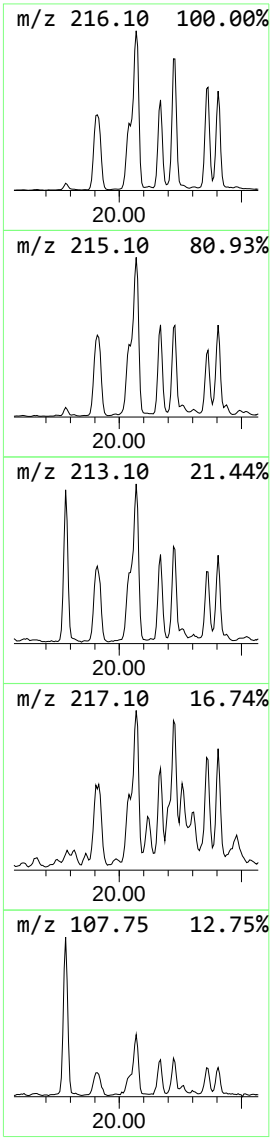
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.069	2.73 ng	1016060	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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

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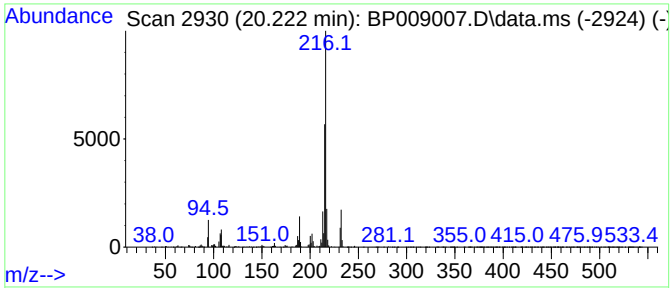
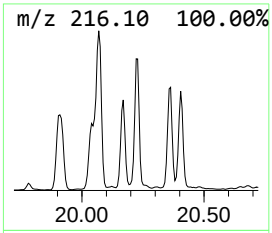
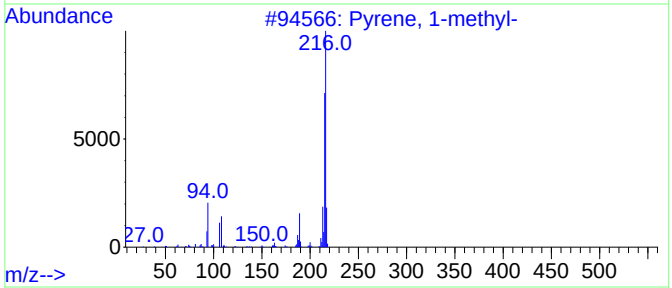
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 19

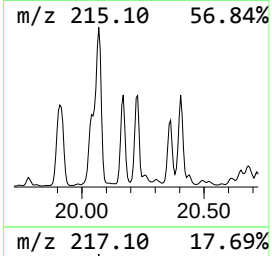
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.222	2.57 ng	956220	Chrysene-d12	21.316

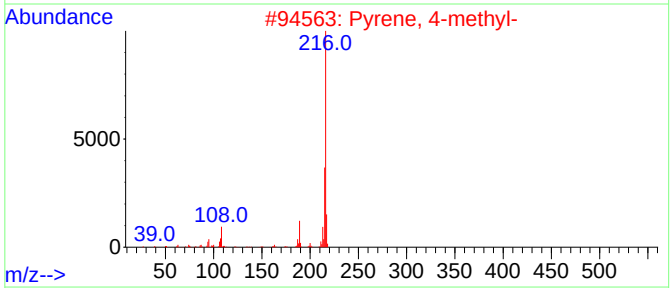
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87

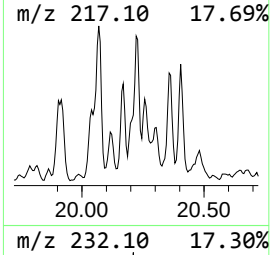


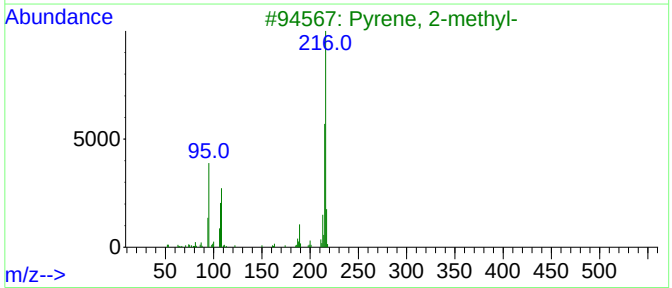


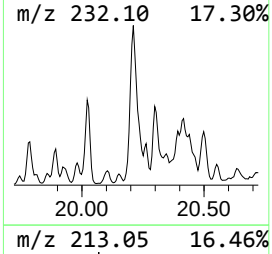


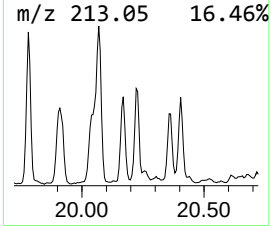












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Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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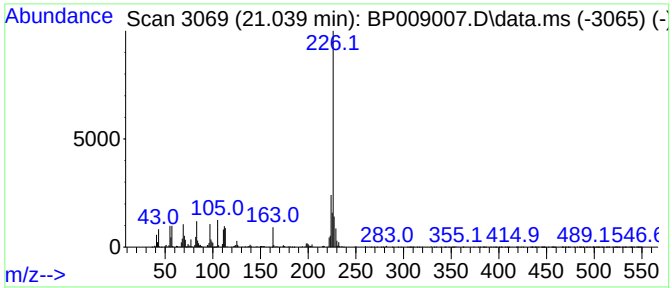
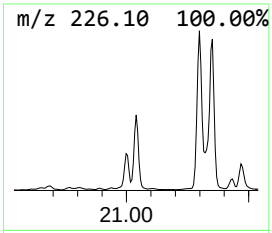
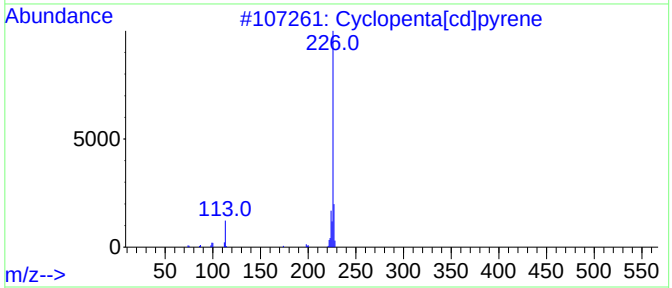
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 12

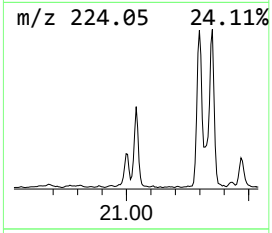
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.039	3.37 ng	1255320	Chrysene-d12	21.316

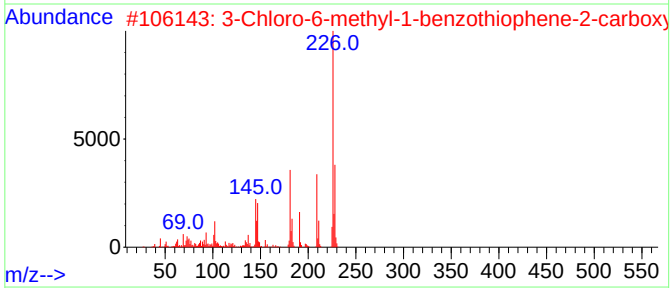
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	50
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
4	Cyclohexanecarboxamide, N-(2-phe...	427	C29H49NO	1000451-50-1	47
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47

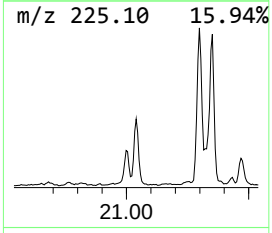


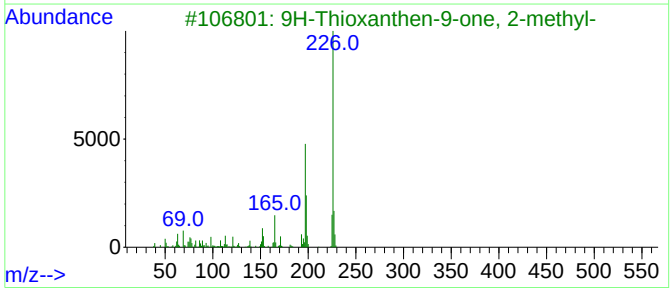


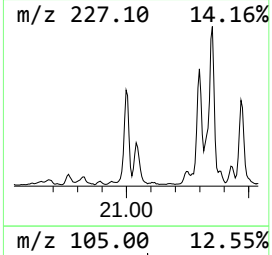


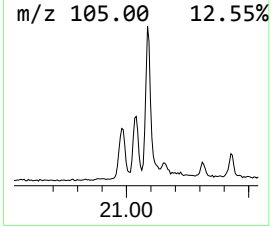












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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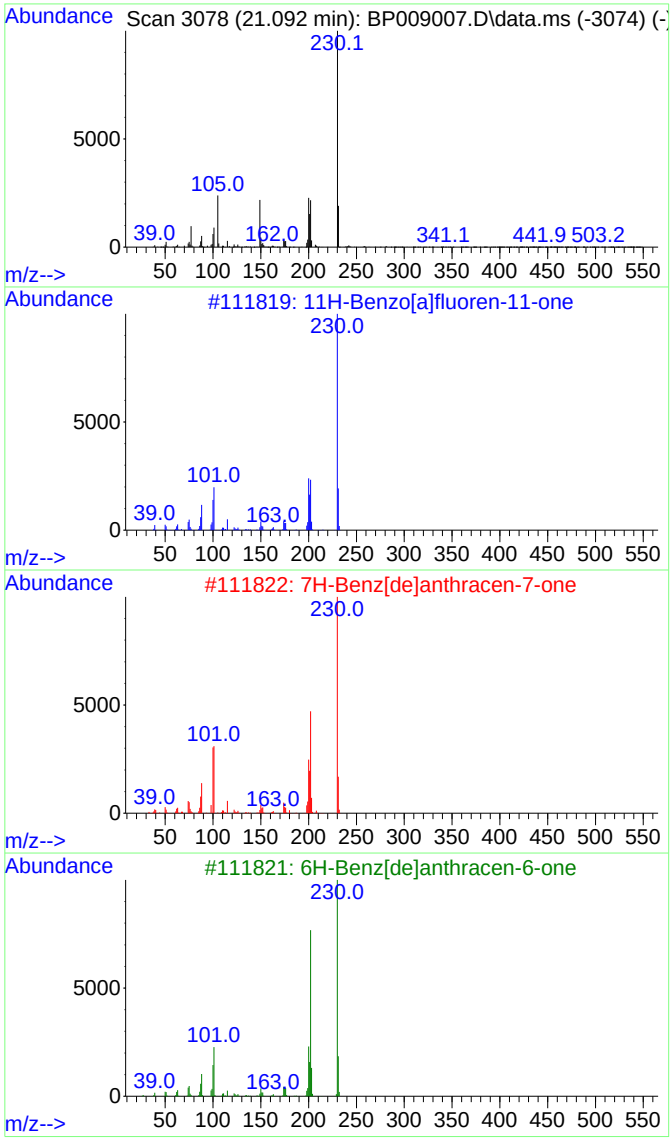
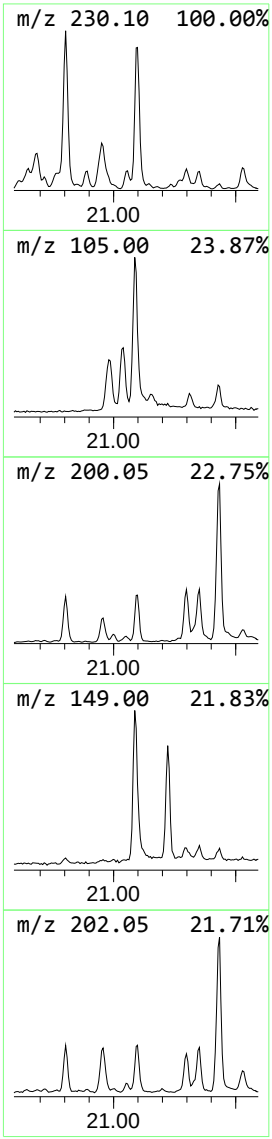
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.51 ng	934435	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	52
4	o-Terphenyl	230	C18H14	000084-15-1	46
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	43





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Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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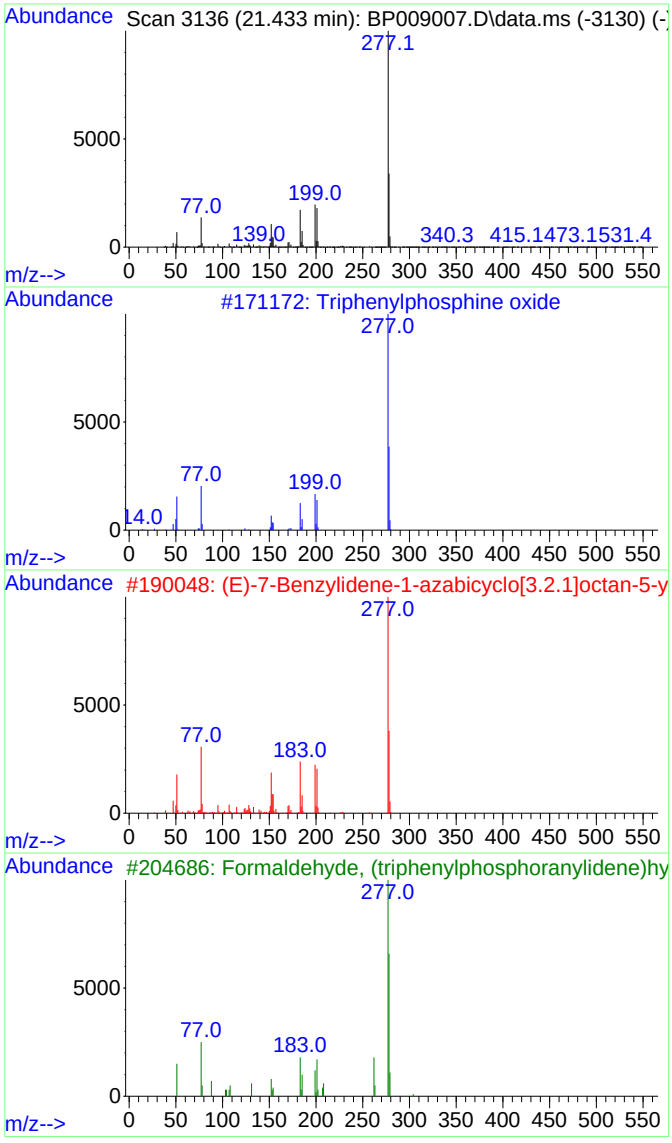
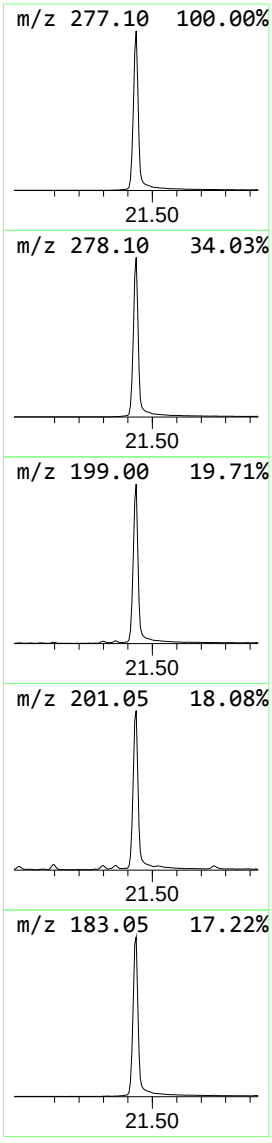
Peak Number 19 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.433	57.55 ng	21427100	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	9





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Data File : BP009007.D
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Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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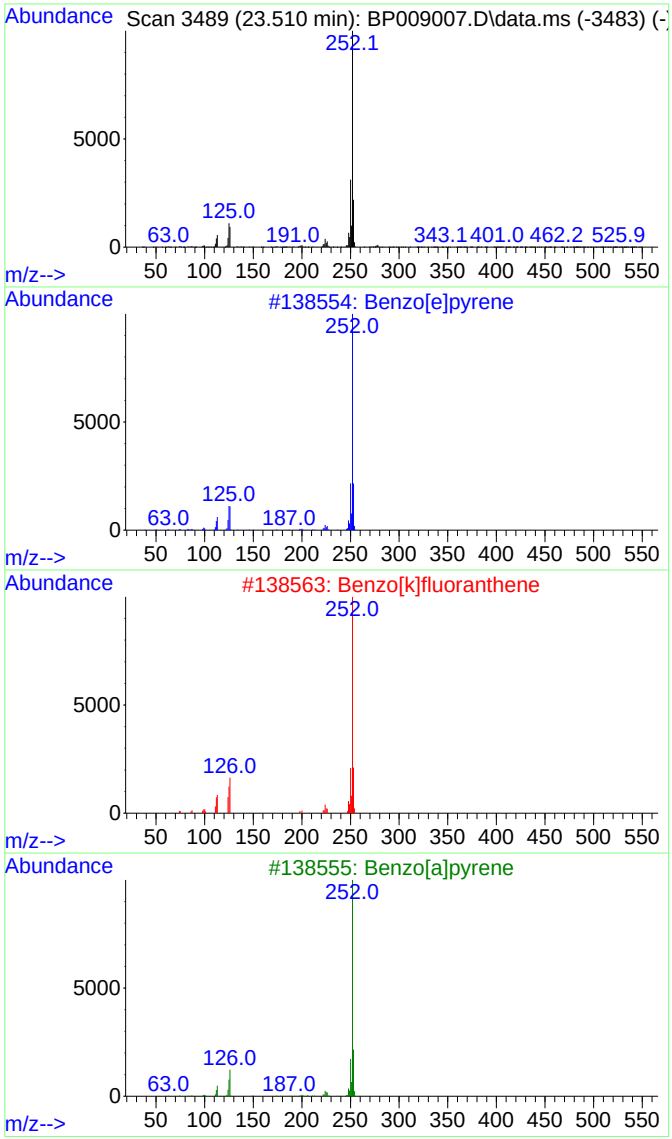
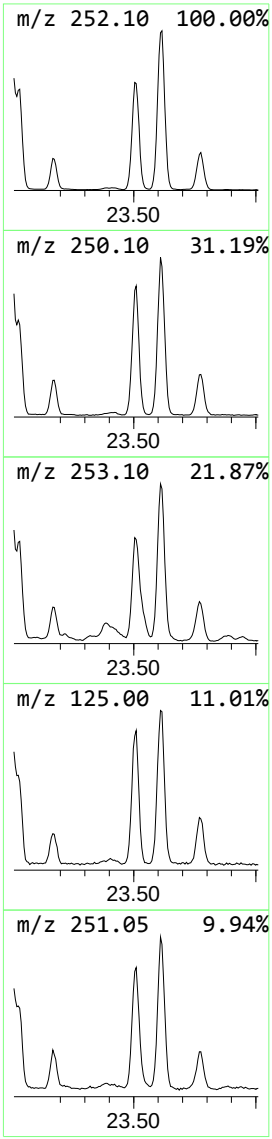
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.510	13.67 ng	2010220	Perylene-d12	23.722

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	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
Acq On : 02 Feb 2022 15:31
Operator : CG/JU
Sample : N1356-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
M-PHC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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
Butane, 2-metho...	3.029	7.8	ng	401549	1	7.822	1028260	20.0
unknown15.845	15.845	2.8	ng	336022	4	17.222	2433540	20.0
Anthracene, 1,2...	16.975	3.2	ng	390639	4	17.222	2433540	20.0
Dibenzothiophene	17.040	2.9	ng	348162	4	17.222	2433540	20.0
Phenanthrene, 2...	18.092	8.1	ng	986329	4	17.222	2433540	20.0
Phenanthrene, 1...	18.134	13.1	ng	1597630	4	17.222	2433540	20.0
1H-Cyclopropa[l...	18.216	3.1	ng	378874	4	17.222	2433540	20.0
4H-Cyclopenta[d...	18.275	13.6	ng	1652910	4	17.222	2433540	20.0
Anthracene, 1-m...	18.310	5.5	ng	667787	4	17.222	2433540	20.0
Naphthalene, 2-...	18.575	5.0	ng	608926	4	17.222	2433540	20.0
9,10-Anthracene...	18.616	5.4	ng	660578	4	17.222	2433540	20.0
Phenanthrene, 2...	18.981	5.0	ng	608924	4	17.222	2433540	20.0
Cyclopenta(def)...	19.116	5.5	ng	671417	4	17.222	2433540	20.0
Pyrene, 1-methyl-	19.904	2.6	ng	985245	5	21.316	7447000	20.0
11H-Benzo[b]flu...	20.069	2.7	ng	1016060	5	21.316	7447000	20.0
Pyrene, 4-methyl-	20.222	2.6	ng	956220	5	21.316	7447000	20.0
Cyclopenta[cd]p...	21.039	3.4	ng	1255320	5	21.316	7447000	20.0
11H-Benzo[a]flu...	21.092	2.5	ng	934435	5	21.316	7447000	20.0
Triphenylphosph...	21.433	57.5	ng	21427100	5	21.316	7447000	20.0
Benzo[e]pyrene	23.510	13.7	ng	2010220	6	23.722	2941630	20.0