LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009622.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	394	401	427	rBV	3212887	5581647	40.83%	4.834%
2	6.928	662	670	699	rBV	3171240	5952668	43.55%	5.155%
3	7.740	800	808	817	rBV	823406	1480429	10.83%	1.282%
4	8.893	993	1004	1024	rBV	2204940	4182211	30.59%	3.622%
5	10.528	1273	1282	1289	rBV	1134498	2124660	15.54%	1.840%
6	12.422	1596	1604	1613	rVB	71621	137227	1.00%	0.119%
7	13.004	1695	1703	1719	rBV	6421425	10011086	73.23%	8.670%
8	13.710	1816	1823	1828	rBV	83745	159215	1.16%	0.138%
9	14.110	1885	1891	1897	rVB2	108013	183131	1.34%	0.159%
10	14.386	1930	1938	1944	rBV	1734262	2781125	20.35%	2.408%
11	14.451	1944	1949	1958	rVB	165655	287755	2.11%	0.249%
12	14.792	2001	2007	2016	rBV	109798	185108	1.35%	0.160%
13	15.439	2111	2117	2129	rVB2	172513	307951	2.25%	0.267%
14	15.739	2164	2168	2178	rVB	84733	161134	1.18%	0.140%
15	15.886	2184	2193	2203	rBV	4744951	7420302	54.28%	6.426%
16	16.457	2280	2290	2295	rBV5	61775	185830	1.36%	0.161%
17	16.810	2345	2350	2357	rVB	159065	267096	1.95%	0.231%
18	16.969	2373	2377	2387	rVB	139470	248360	1.82%	0.215%
19	17.151	2401	2408	2411	rBV	2139928	3159574	23.11%	2.736%
20	17.192	2411	2415	2422	rVV	2564983	3850231	28.17%	3.334%
21	17.286	2423	2431	2437	rVB	641360	1043351	7.63%	0.904%
22	17.351	2437	2442	2448	rBV2	82720	152792	1.12%	0.132%
23	17.563	2470	2478	2492	rBV2	245620	605829	4.43%	0.525%
24	17.674	2493	2497	2503	rVV3	106149	192553	1.41%	0.167%
25	17.739	2504	2508	2517	rVB3	116605	223406	1.63%	0.193%
26	17.945	2538	2543	2549	rBV4	71889	146358	1.07%	0.127%
27	18.027	2551	2557	2560	rBV	460026	680316	4.98%	0.589%
28	18.069	2560	2564	2572	rVV2	1238759	2080477	15.22%	1.802%
29	18.151	2574	2578	2583	rVB	218085	313338	2.29%	0.271%
30	18.216	2583	2589	2593	rBV2	564750	1077671	7.88%	0.933%
31	18.251	2593	2595	2603	rVB	362935	461279	3.37%	0.399%
32	18.351	2605	2612	2614	rBV5	79286	183937	1.35%	0.159%
33	18.516	2635	2640	2644	rBV	313322	429182	3.14%	0.372%
34	18.557	2644	2647	2657	rVB2	214976	333355	2.44%	0.289%
35	18.692	2666	2670	2674	rBV	202015	248107	1.81%	0.215%
36	18.810	2686	2690	2693	rBV2	132854	212234	1.55%	0.184%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SS1

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.921	2703	2709	2713	rBV	295293	526860	3.85%	0.456%
38	18.980	2714	2719	2722	rVV4	159673	377639	2.76%	0.327%
39	19.010	2722	2724	2728	rVV	131164	165041	1.21%	0.143%
40	19.057	2728	2732	2740	rVB2	256509	469900	3.44%	0.407%
41	19.180	2747	2753	2760	rBV	3753439	5328805	38.98%	4.615%
42	19.304	2771	2774	2781	rVB2	225185	406588	2.97%	0.352%
43	19.433	2790	2796	2802	rVB4	197350	451312	3.30%	0.391%
44	19.533	2803	2813	2821	rVV	3231379	5662174	41.42%	4.903%
45	19.604	2821	2825	2832	rVB2	227431	378096	2.77%	0.327%
46	19.733	2839	2847	2852	rBV	10106536	13669815	100.00%	11.838%
47	19.863	2862	2869	2874	rBV3	300667	745019	5.45%	0.645%
48	19.986	2885	2890	2891	rBV3	242902	341526	2.50%	0.296%
49	20.021	2892	2896	2902	rVB	409385	657168	4.81%	0.569%
50	20.115	2909	2912	2916	rBV	172744	221231	1.62%	0.192%
51	20.174	2916	2922	2926	rBV2	403024	687816	5.03%	0.596%
52	20.310	2942	2945	2949	rBV	216300	283178	2.07%	0.245%
53	20.357	2949	2953	2957	rVV2	255717	343110	2.51%	0.297%
54	20.486	2973	2975	2980	rVB	189085	219084	1.60%	0.190%
55	20.757	3017	3021	3027	rBV	412817	608145	4.45%	0.527%
56	20.915	3043	3048	3052	rBV2	341672	637867	4.67%	0.552%
57	20.957	3052	3055	3057	rVV	276233	358092	2.62%	0.310%
58	20.992	3057	3061	3067	rVV2	864813	1527251	11.17%	1.323%
59	21.051	3068	3071	3078	rVB	422725	593767	4.34%	0.514%
60	21.268	3101	3108	3112	rBV2	2868172	5698308	41.69%	4.935%
61	21.304	3112	3114	3122	rVB	1503552	1808541	13.23%	1.566%
62	21.386	3123	3128	3142	rBV	4475118	6910740	50.55%	5.985%
63	22.927	3384	3390	3395	rBV	1224957	2998583	21.94%	2.597%
64	23.439	3472	3477	3486	rVB	611703	1255124	9.18%	1.087%
65	23.545	3489	3495	3503	rVB	1002411	2089670	15.29%	1.810%
66	23.645	3506	3512	3519	rBV2	1409055	3001932	21.96%	2.600%

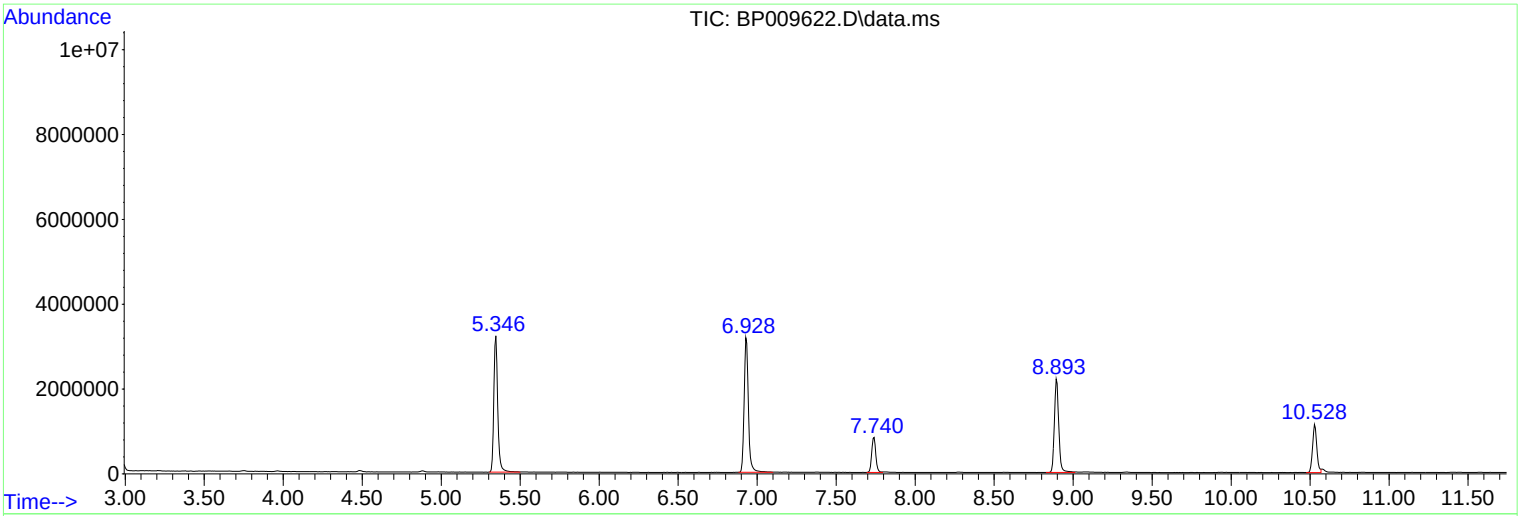
Sum of corrected areas: 115473307

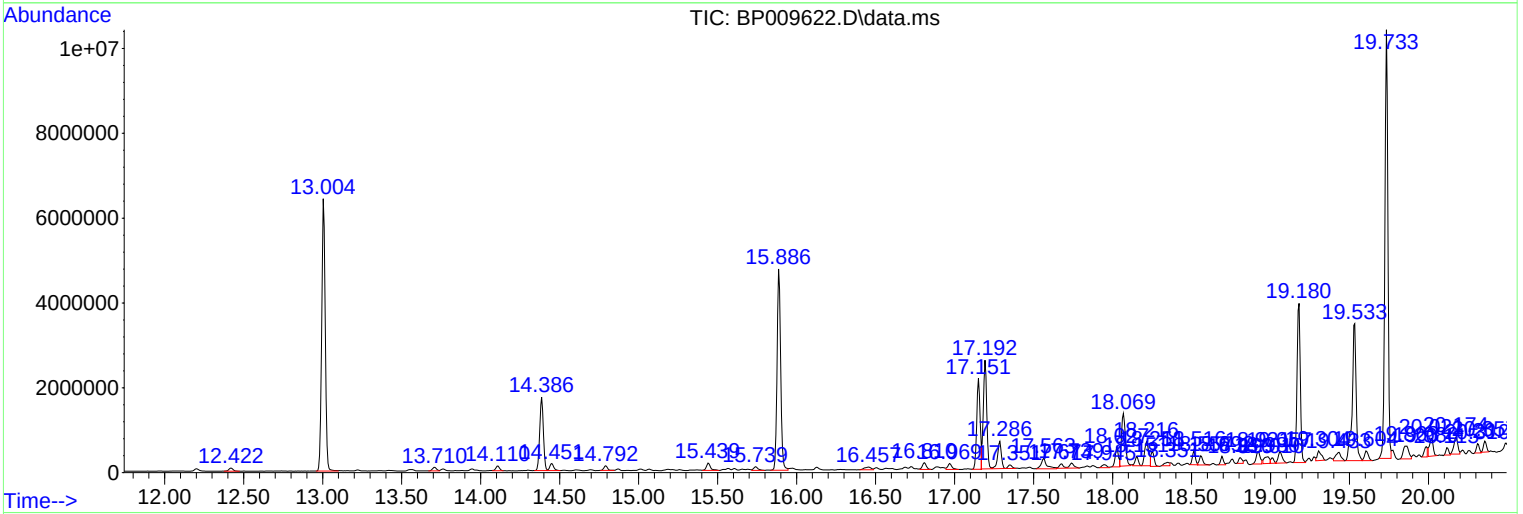
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

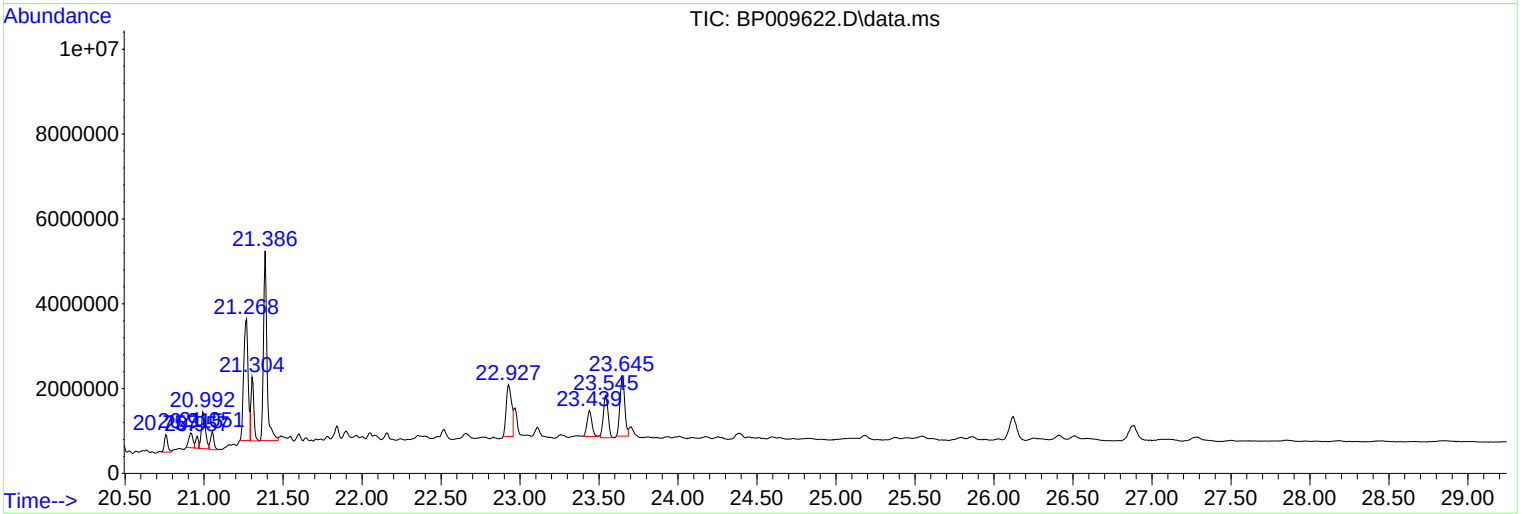
Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

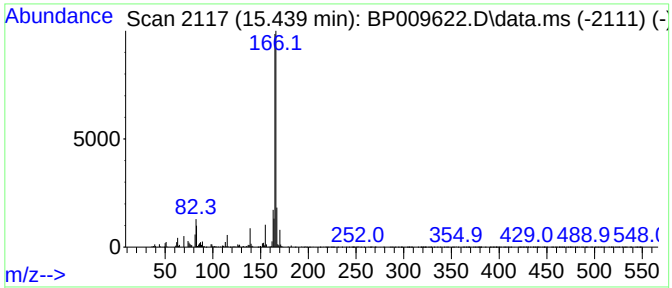
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

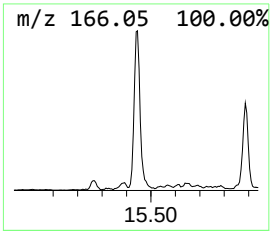
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

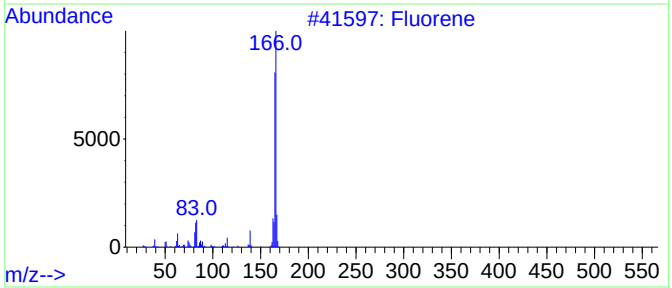
****
Peak Number 2 3-Trifluoromethylbenzhydryl... Concentration Rank 16

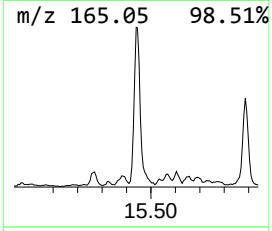
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	2.21 ng	307951	Acenaphthene-d10	14.386

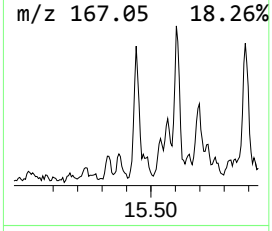
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	87
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	50
3	Ethionamide	166	C8H10N2S	000536-33-4	38
4	2-Phenylbenzylamine	183	C13H13N	001924-77-2	32
5	1H-Phenalene	166	C13H10	000203-80-5	30

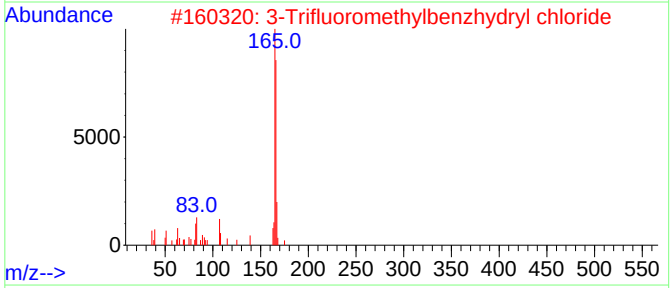


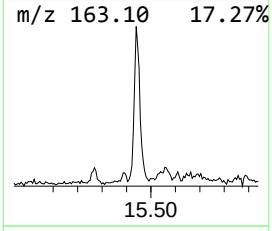


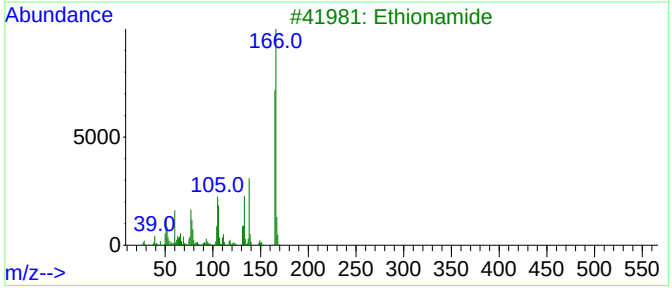


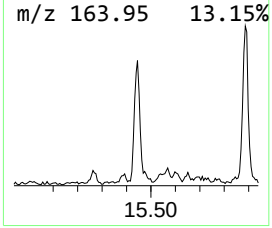












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

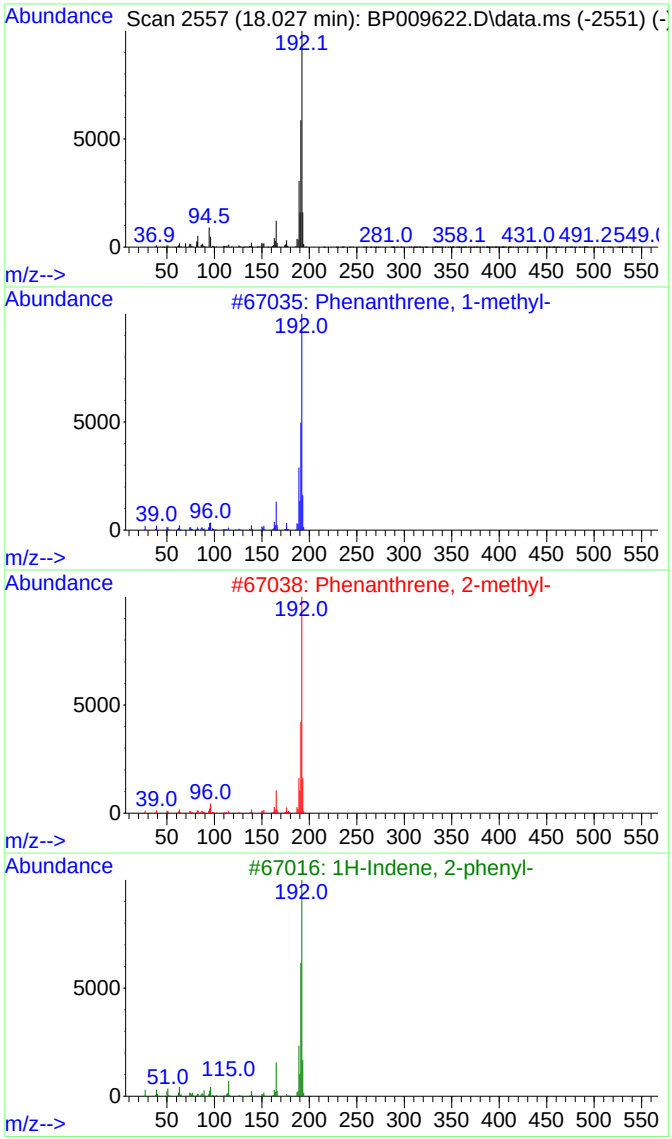
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

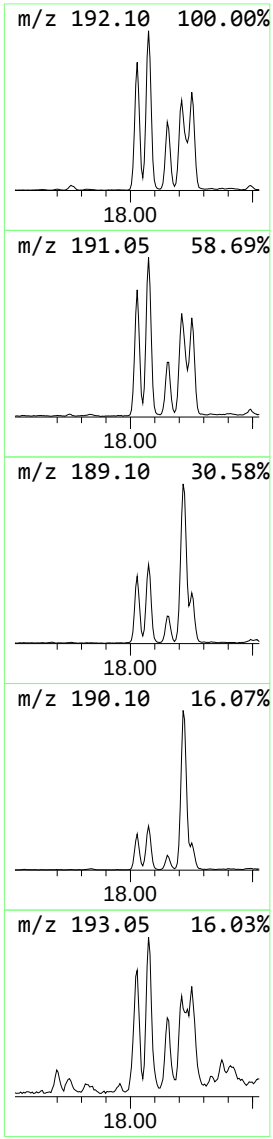
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	4.31 ng	680316	Phenanthrene-d10	17.151

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-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

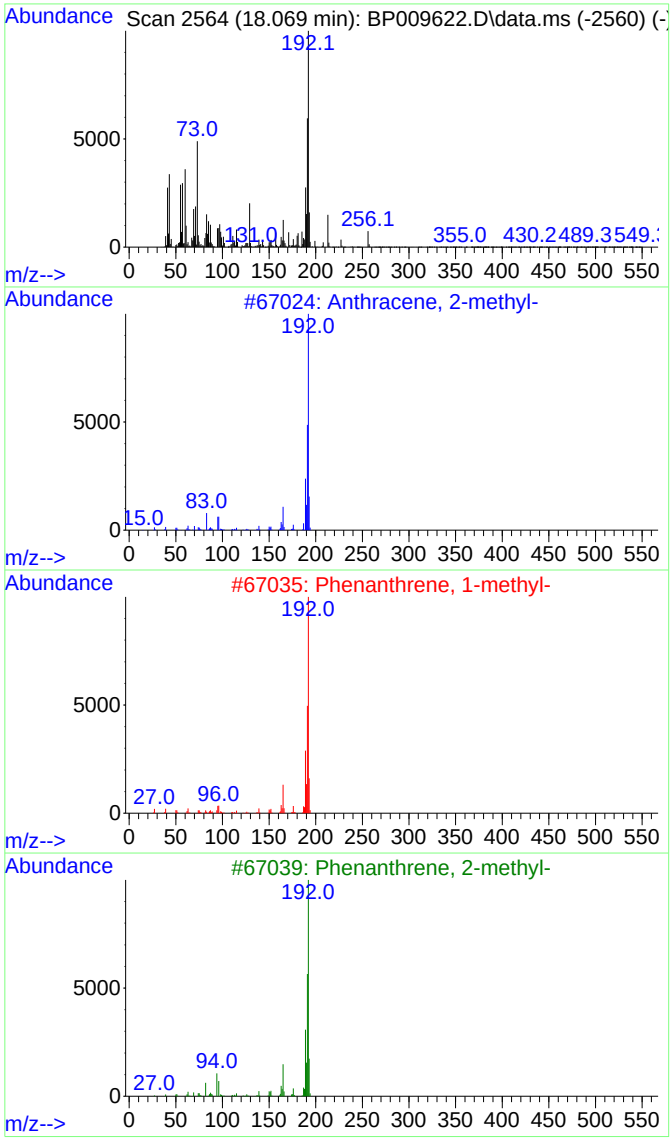
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

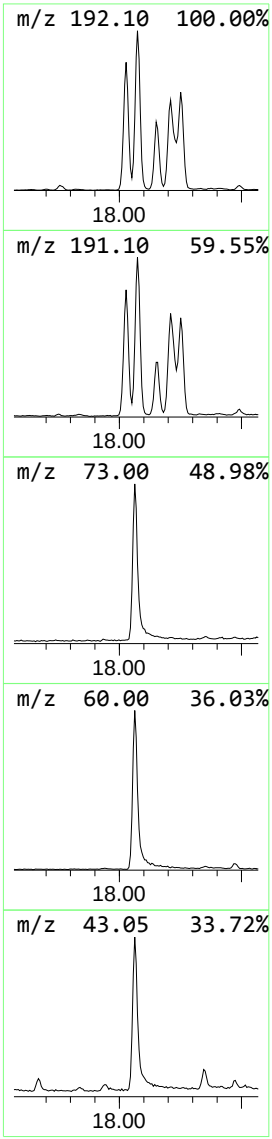
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	13.17 ng	2080480	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

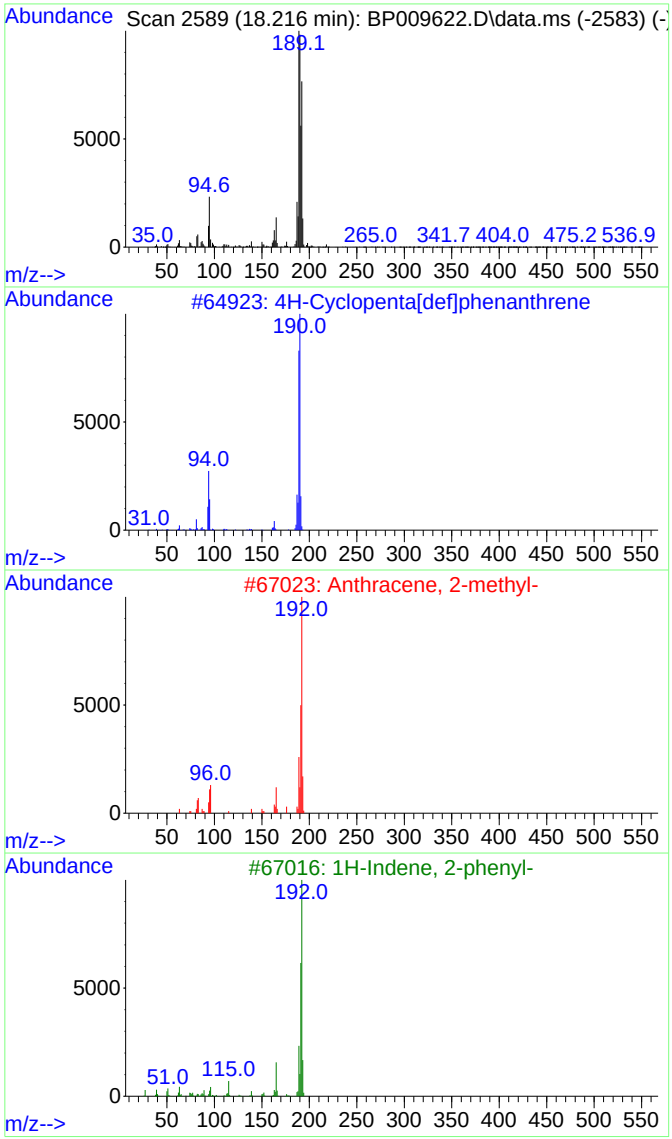
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

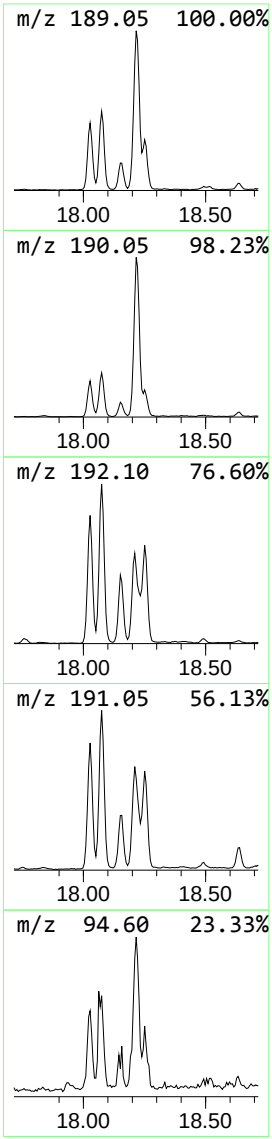
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	6.82 ng	1077670	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

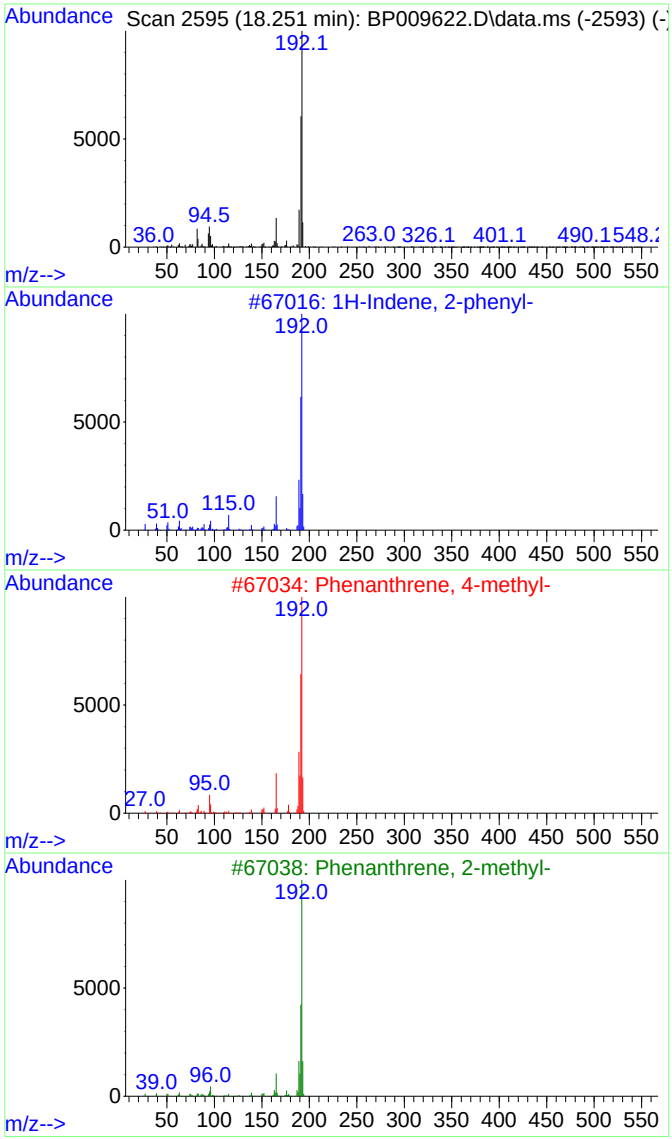
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

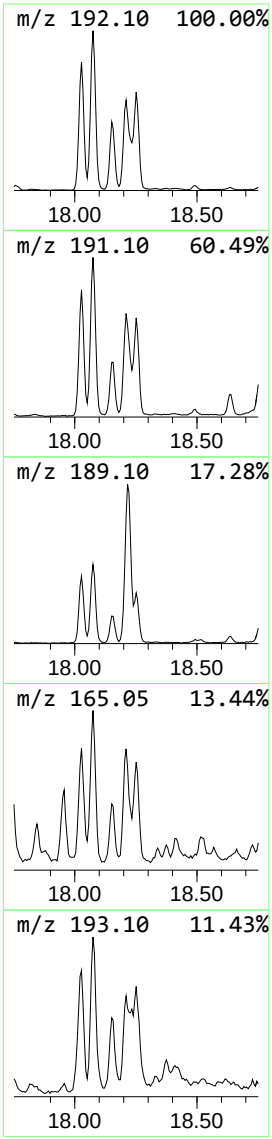
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	2.92 ng	461279	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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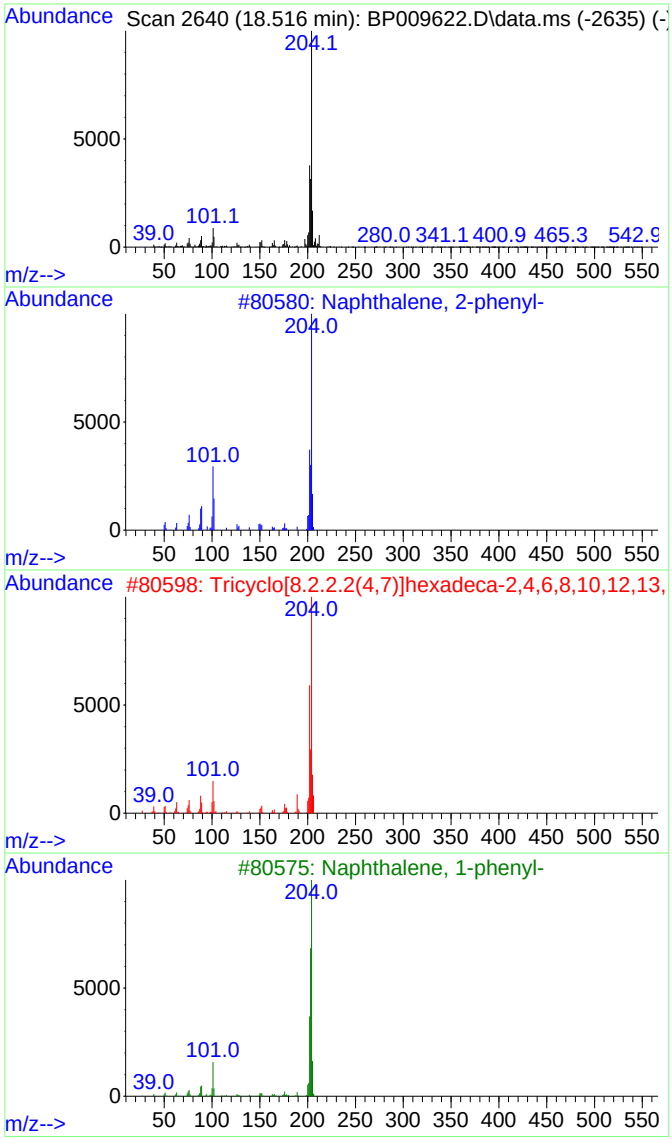
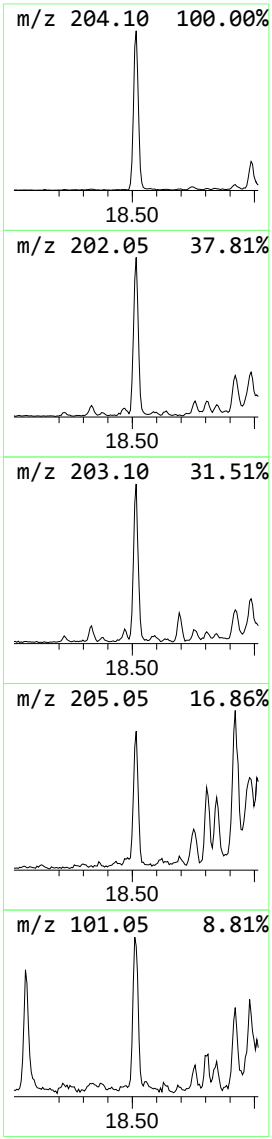
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	2.72 ng	429182	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53





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Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

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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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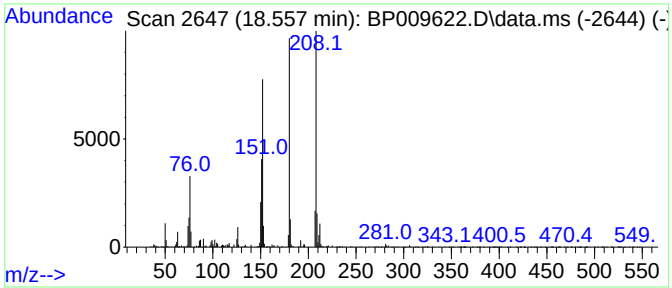
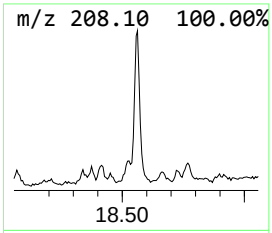
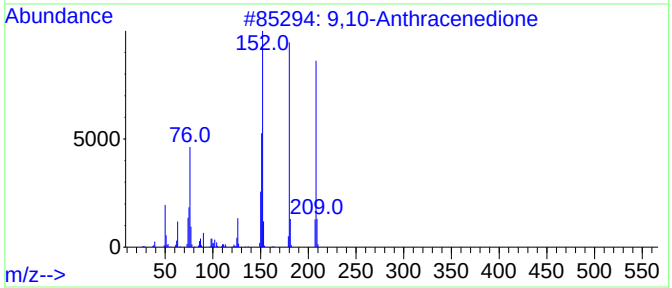
Peak Number 8 9,10-Anthracenedione Concentration Rank 18

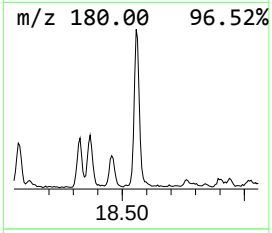
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	2.11 ng	333355	Phenanthrene-d10	17.151

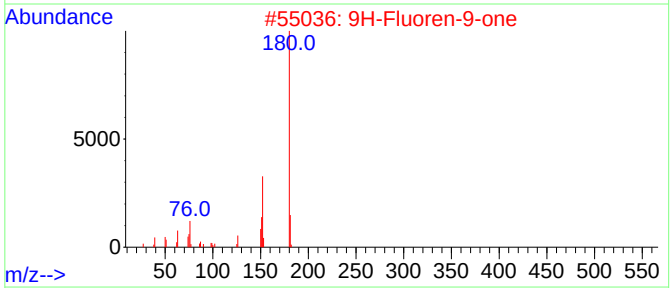
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49

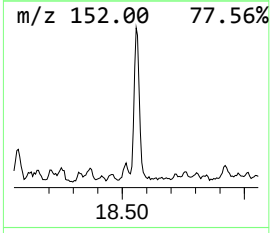


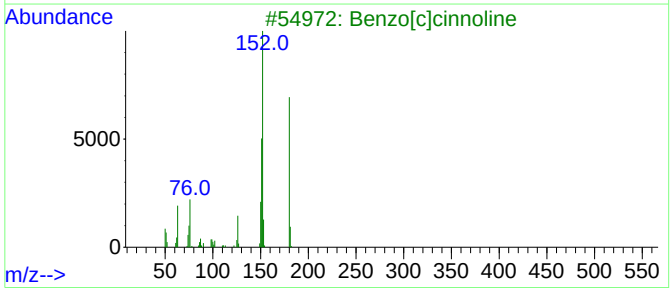


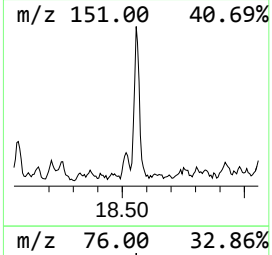


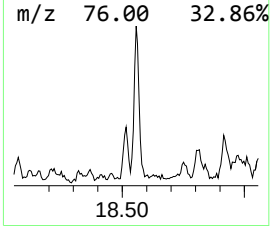












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Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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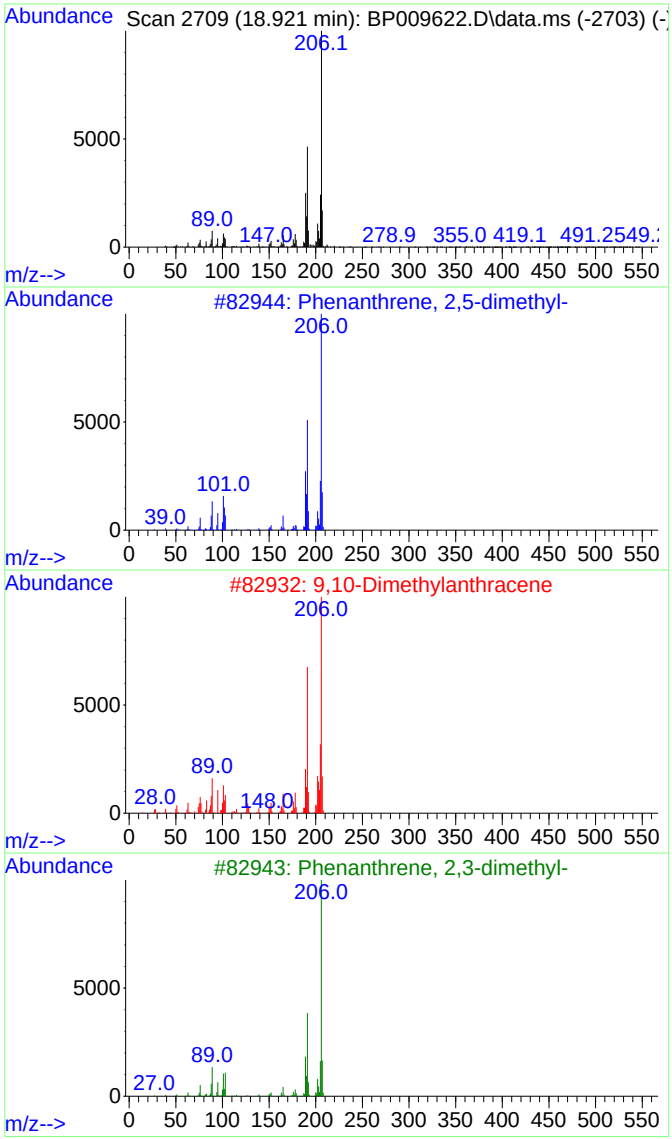
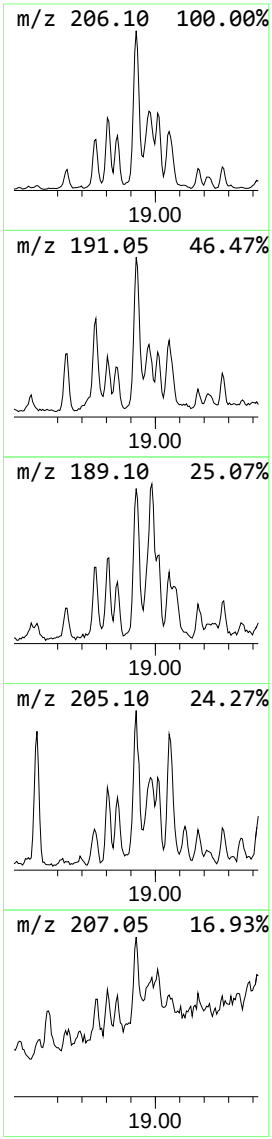
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.921	3.34 ng	526860	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

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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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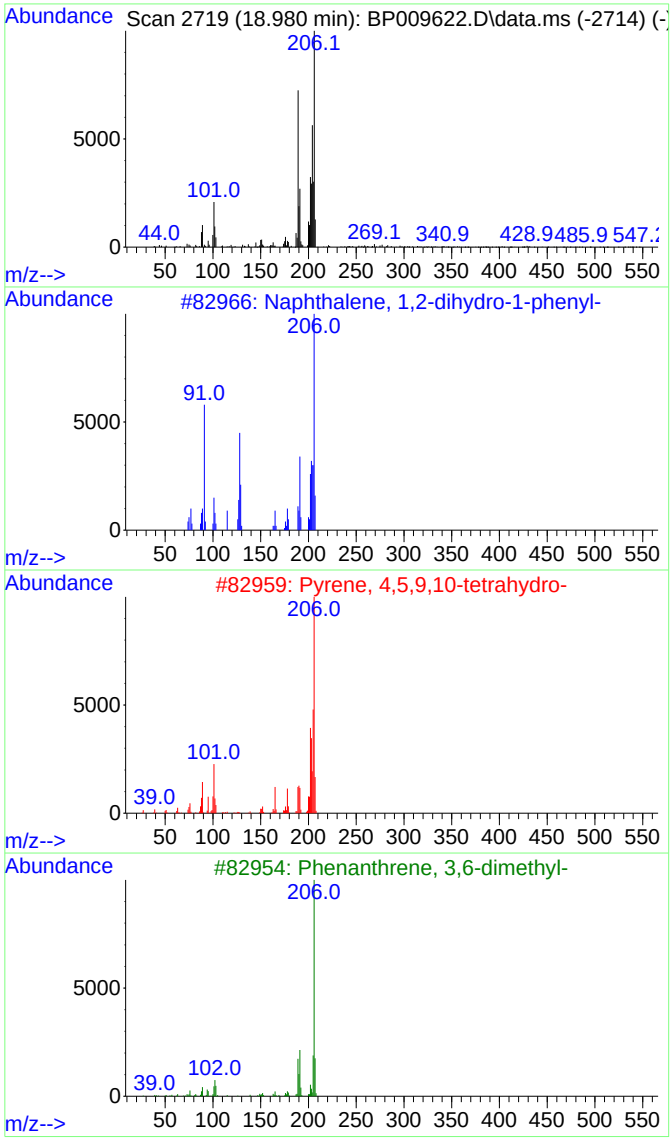
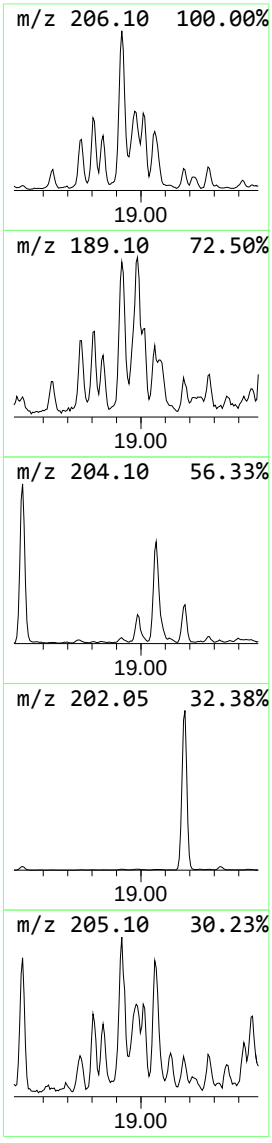
Peak Number 10 unknown18.980 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	2.39 ng	377639	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4	7-Methoxy-6-methyl-2,4-pteridine...	206	C8H10N6O	343347-40-0	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35





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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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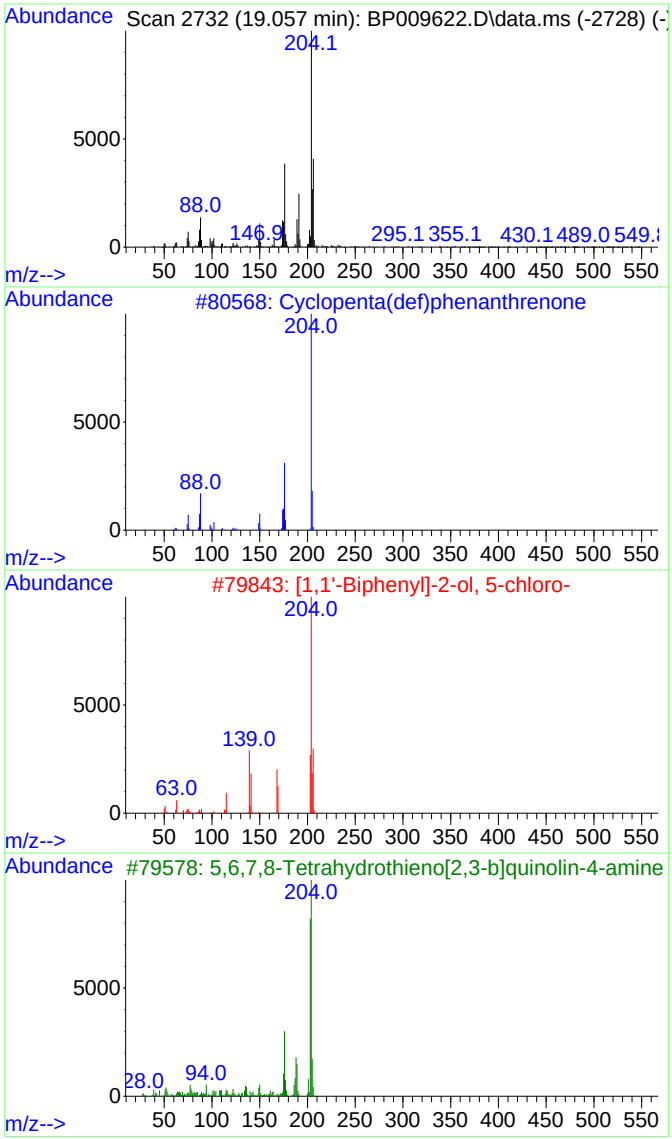
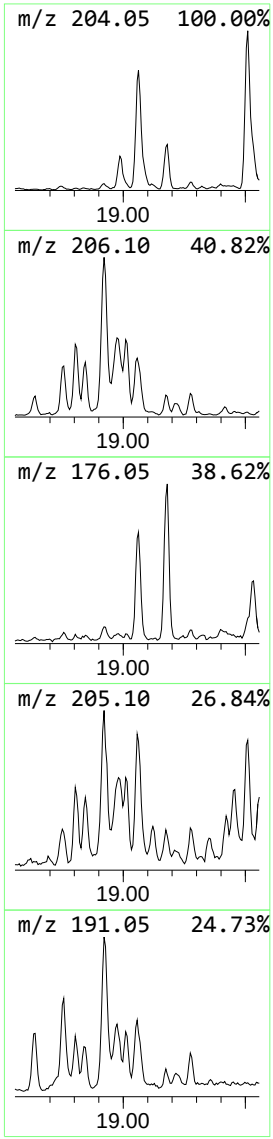
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	2.97 ng	469900	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
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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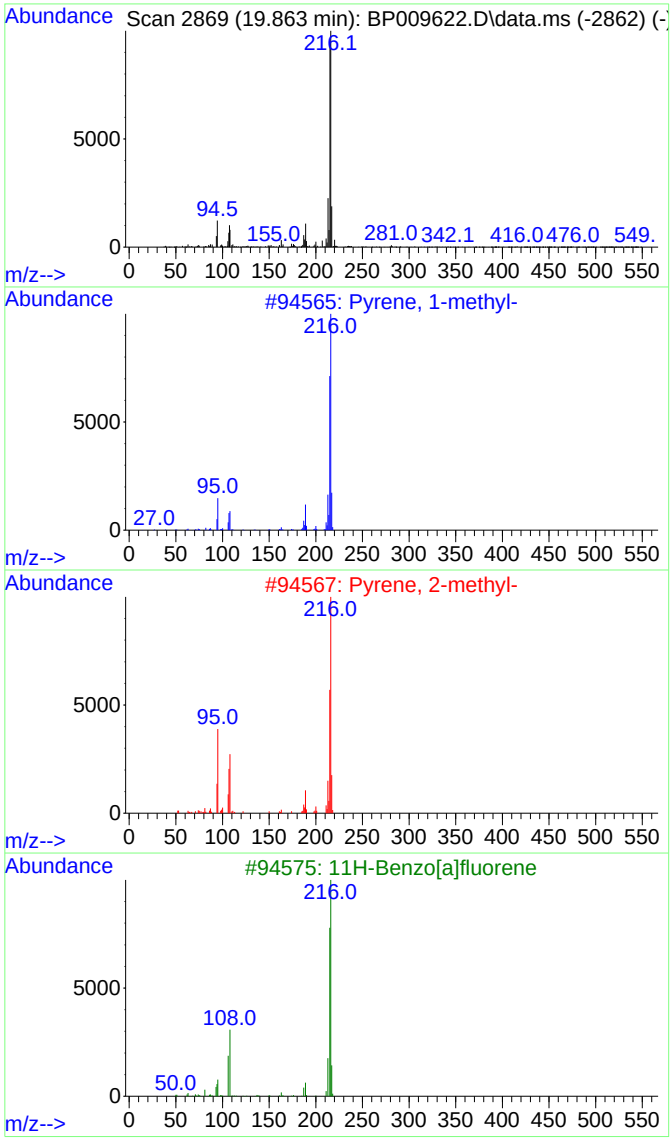
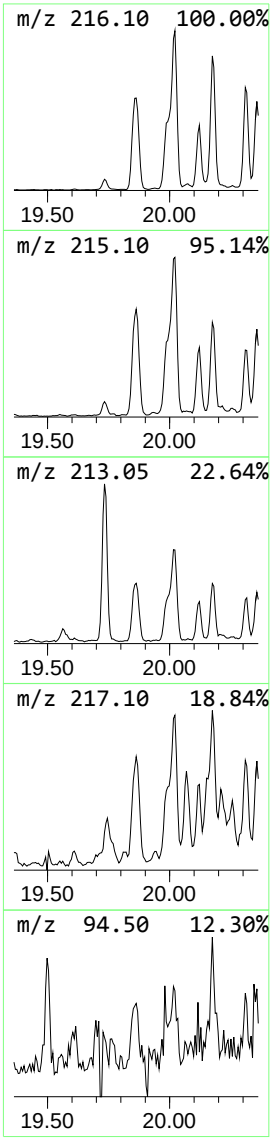
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.863	2.61 ng	745019	Chrysene-d12	21.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
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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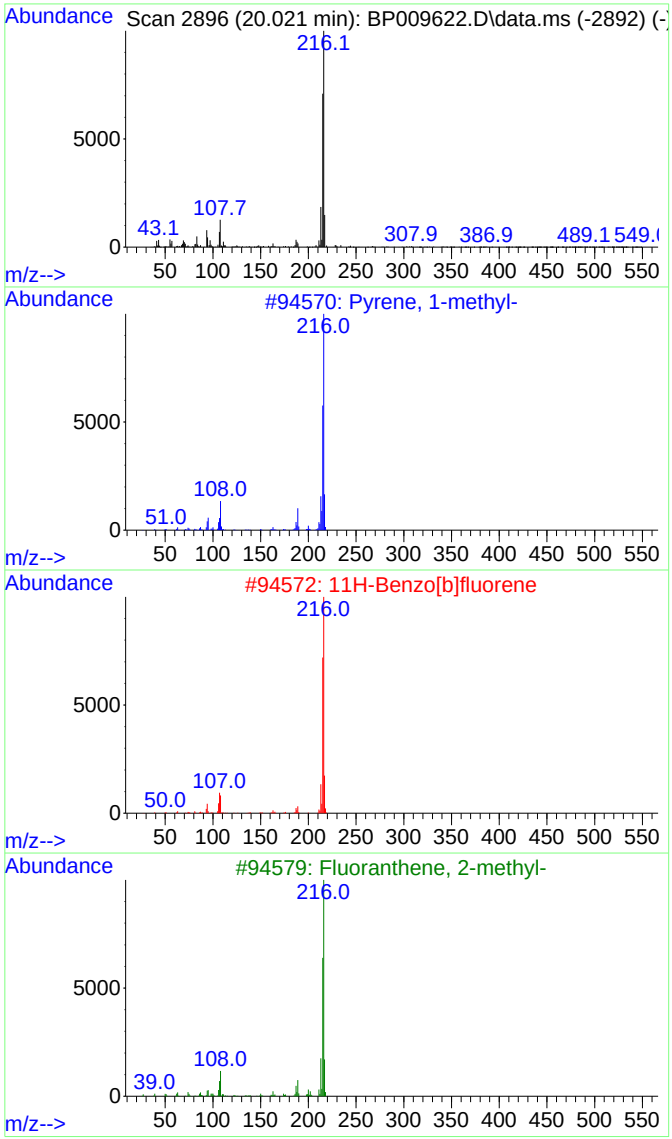
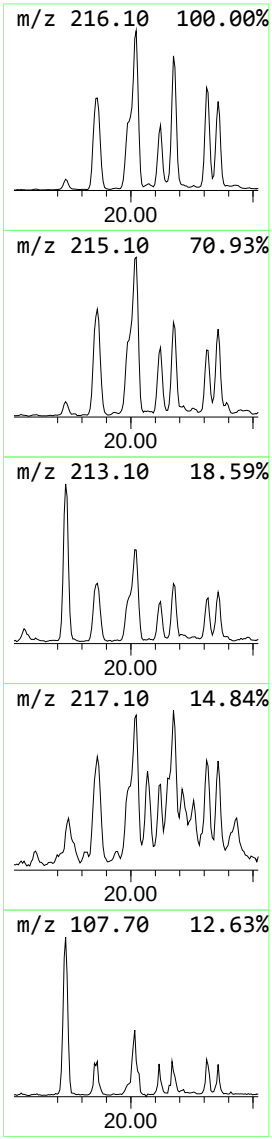
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.021	2.31 ng	657168	Chrysene-d12	21.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Sample : N2107-01
Misc :
ALS Vial : 7 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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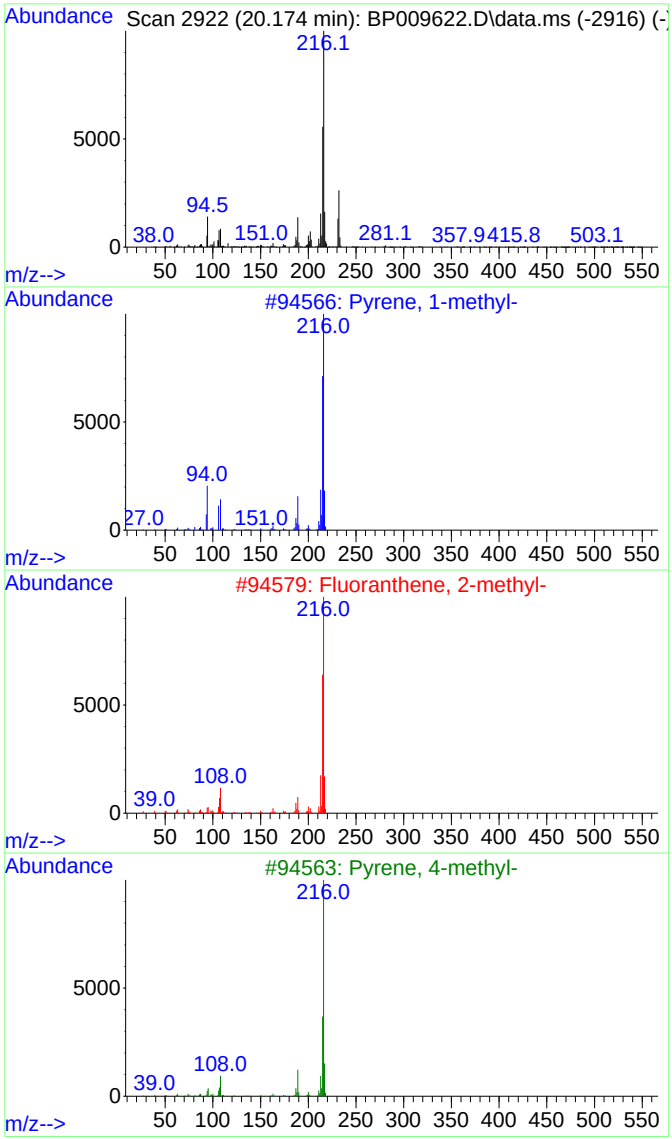
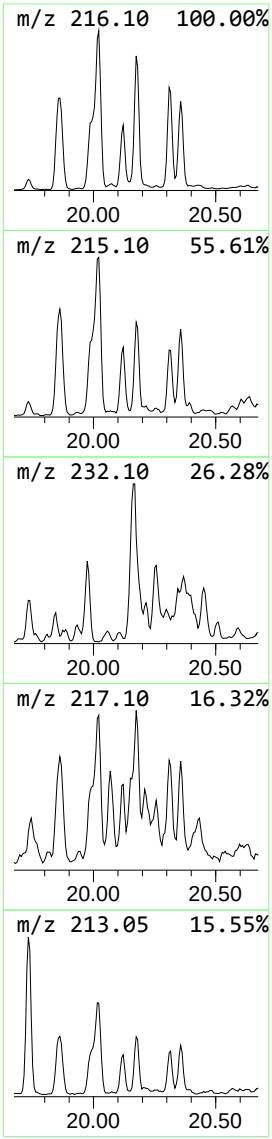
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.41 ng	687816	Chrysene-d12	21.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Misc :
ALS Vial : 7 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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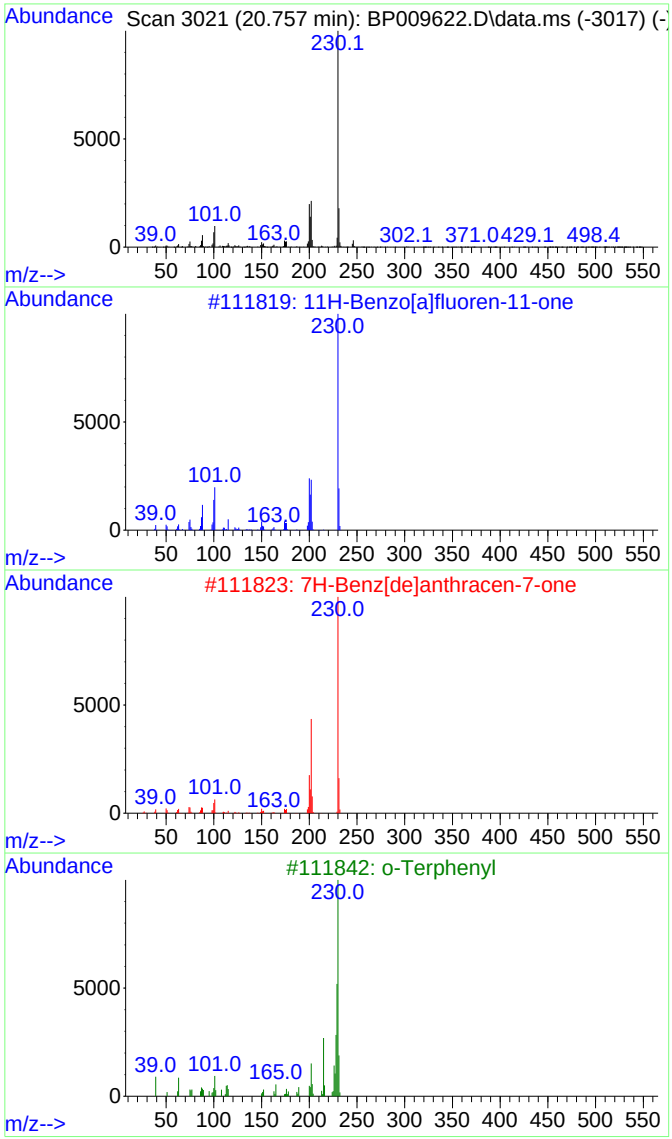
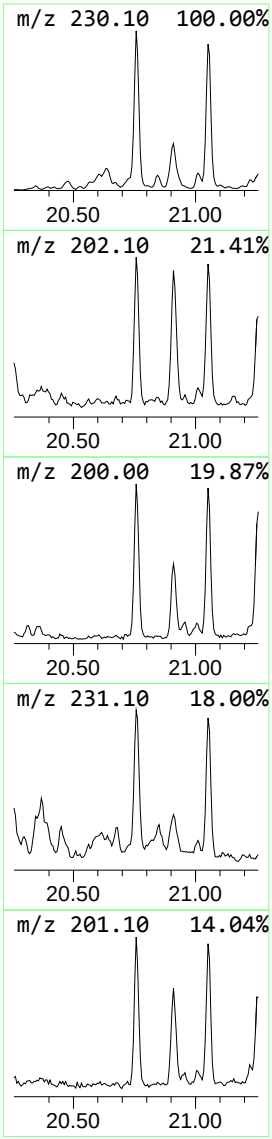
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.757	2.13 ng	608145	Chrysene-d12	21.268

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	o-Terphenyl	230	C18H14	000084-15-1	64
4	m-Terphenyl	230	C18H14	000092-06-8	53
5	p-Terphenyl	230	C18H14	000092-94-4	53





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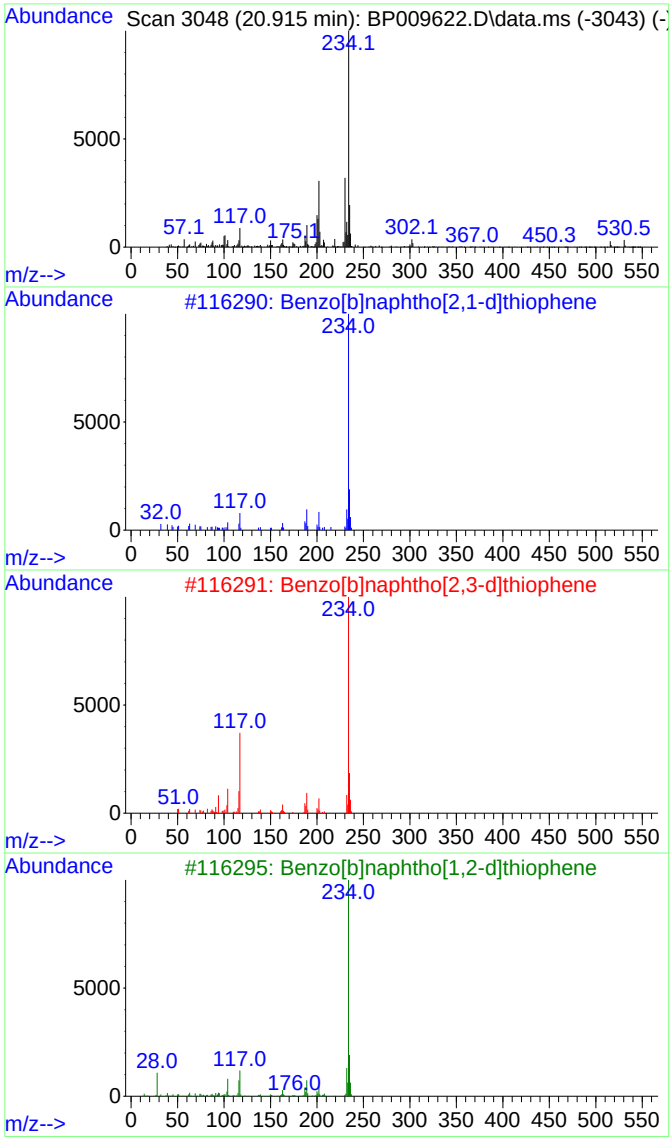
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

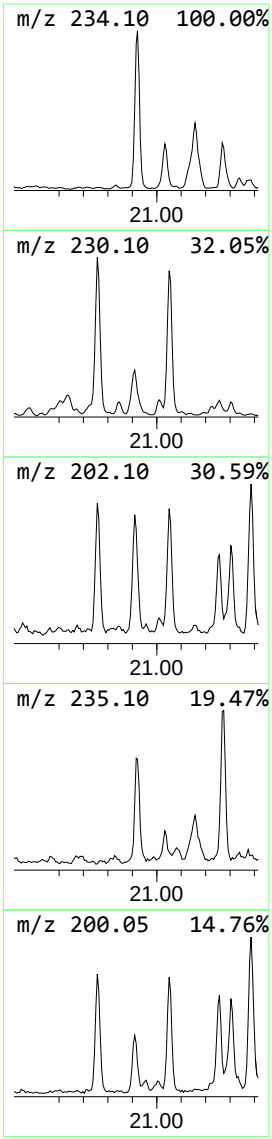
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.916	2.24 ng	637867	Chrysene-d12	21.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	50
4	4-Thiazoline, 4-(benzo[b]1,4-dio...	234	C11H10N2O2S	105362-06-9	47
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	47





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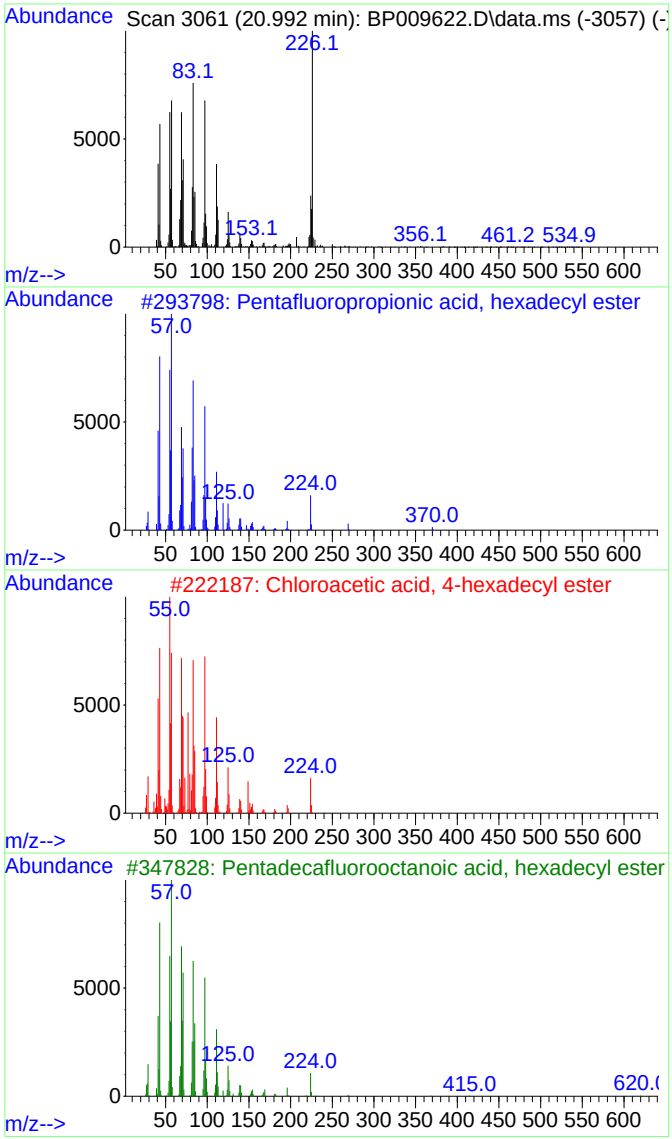
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

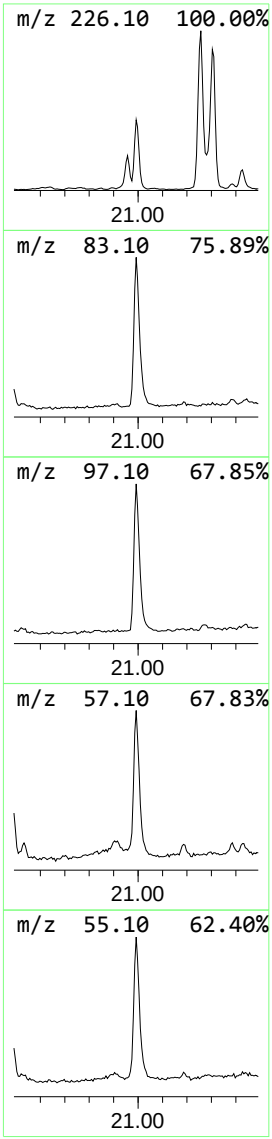
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	5.36 ng	1527250	Chrysene-d12	21.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	62
2	Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	46
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	41
4	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	38
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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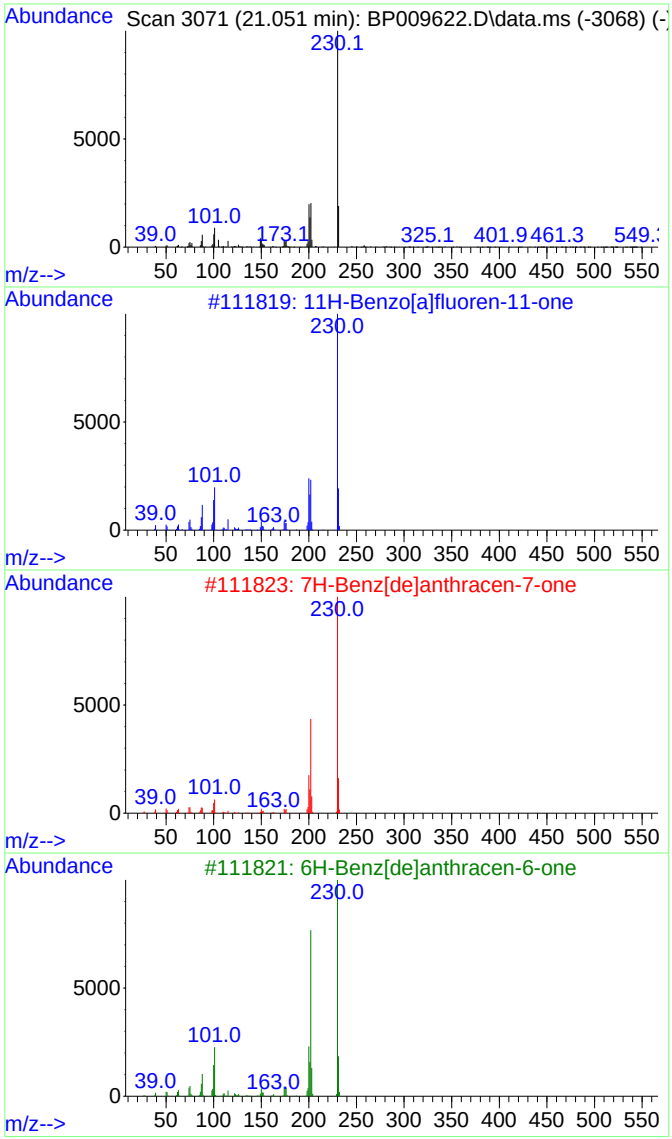
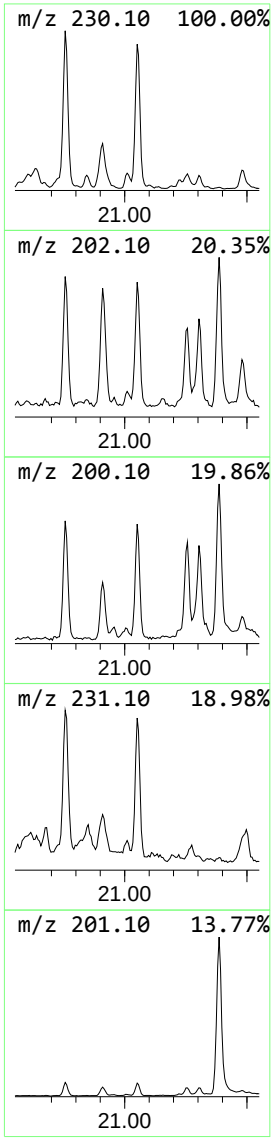
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.08 ng	593767	Chrysene-d12	21.268

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	74
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5	o-Terphenyl	230	C18H14	000084-15-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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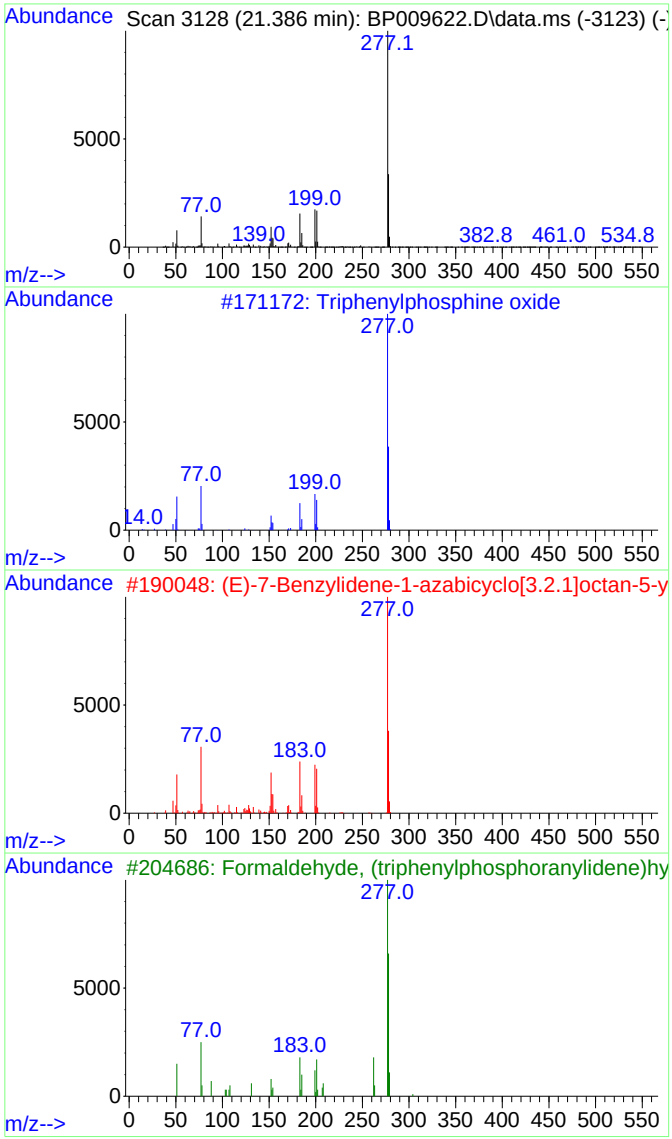
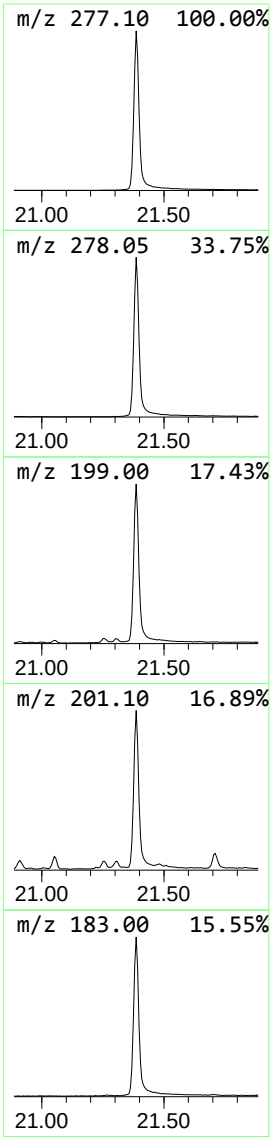
Peak Number 19 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	24.26 ng	6910740	Chrysene-d12	21.268

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	38
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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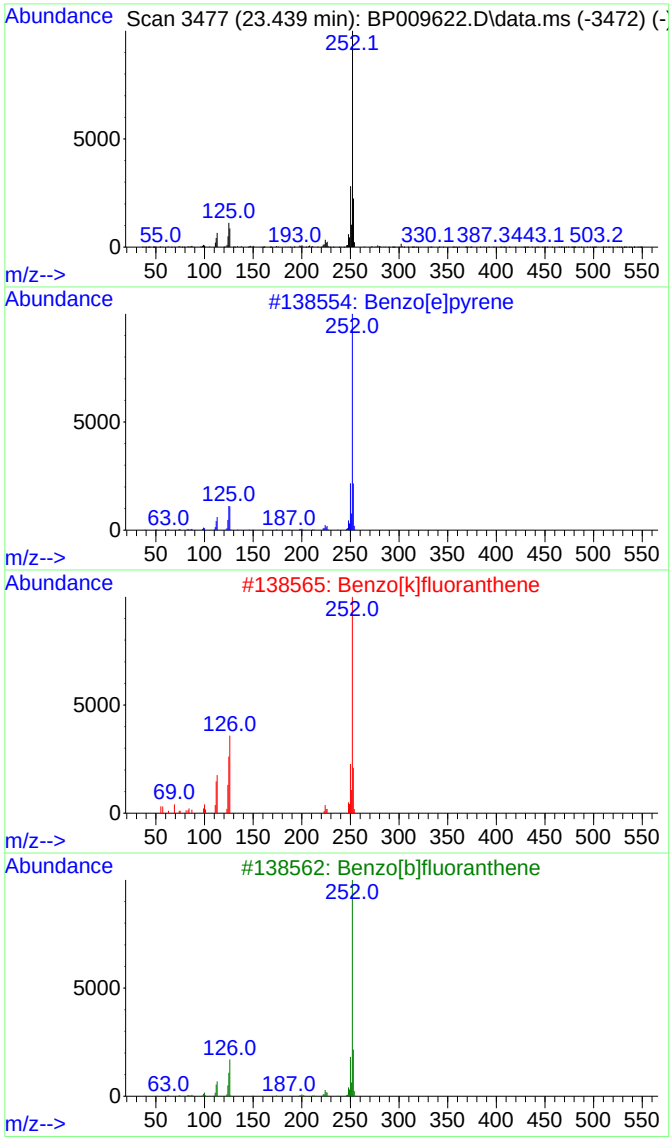
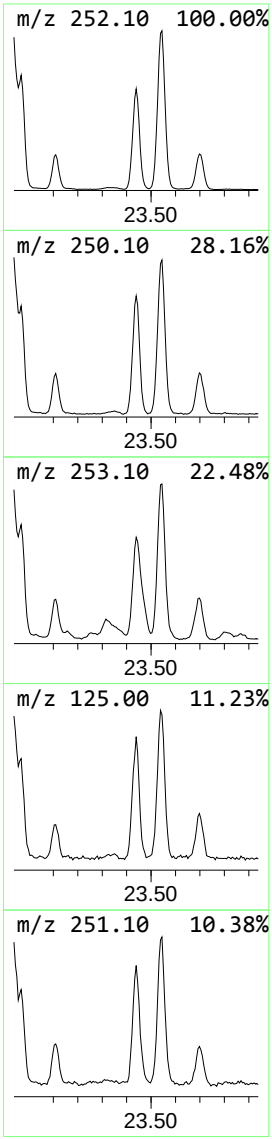
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.439	8.36 ng	1255120	Perylene-d12	23.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
3-Trifluorometh...	15.439	2.2	ng	307951	3	14.386	2781130	20.0
Phenanthrene, 1...	18.027	4.3	ng	680316	4	17.151	3159570	20.0
Anthracene, 2-m...	18.069	13.2	ng	2080480	4	17.151	3159570	20.0
4H-Cyclopenta[d...	18.216	6.8	ng	1077670	4	17.151	3159570	20.0
1H-Indene, 2-ph...	18.251	2.9	ng	461279	4	17.151	3159570	20.0
Naphthalene, 2-...	18.516	2.7	ng	429182	4	17.151	3159570	20.0
9,10-Anthracene...	18.557	2.1	ng	333355	4	17.151	3159570	20.0
Phenanthrene, 2...	18.921	3.3	ng	526860	4	17.151	3159570	20.0
unknown18.980	18.980	2.4	ng	377639	4	17.151	3159570	20.0
Cyclopenta(def)...	19.057	3.0	ng	469900	4	17.151	3159570	20.0
Pyrene, 1-methyl-	19.863	2.6	ng	745019	5	21.268	5698310	20.0
11H-Benzo[b]flu...	20.021	2.3	ng	657168	5	21.268	5698310	20.0
Fluoranthene, 2...	20.174	2.4	ng	687816	5	21.268	5698310	20.0
11H-Benzo[a]flu...	20.757	2.1	ng	608145	5	21.268	5698310	20.0
Benzo[b]naphtho...	20.916	2.2	ng	637867	5	21.268	5698310	20.0
Pentafluoroprop...	20.992	5.4	ng	1527250	5	21.268	5698310	20.0
7H-Benz[de]anth...	21.051	2.1	ng	593767	5	21.268	5698310	20.0
Triphenylphosph...	21.386	24.3	ng	6910740	5	21.268	5698310	20.0
Benzo[e]pyrene	23.439	8.4	ng	1255120	6	23.645	3001930	20.0