LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-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: BP009018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	4	8	15	rVB	322947	374346	3.68%	0.371%
2	5.410	406	412	432	rBV	2557323	4163242	40.94%	4.121%
3	7.004	675	683	699	rBV	2165658	4091954	40.24%	4.051%
4	7.822	815	822	831	rBV	657523	1083398	10.65%	1.072%
5	8.981	1012	1019	1044	rBV	1464624	2723176	26.78%	2.696%
6	10.428	1256	1265	1280	rBV3	27885	105994	1.04%	0.105%
7	10.622	1290	1298	1313	rBV	734290	1391473	13.68%	1.377%
8	12.433	1599	1606	1615	rBV2	36390	113845	1.12%	0.113%
9	13.086	1709	1717	1741	rBV	3995610	6606277	64.97%	6.539%
10	14.186	1898	1904	1916	rVB	178333	299164	2.94%	0.296%
11	14.463	1941	1951	1958	rBV	1073012	1705505	16.77%	1.688%
12	14.527	1958	1962	1970	rVB	103190	189049	1.86%	0.187%
13	15.263	2078	2087	2094	rBV3	38367	104278	1.03%	0.103%
14	15.516	2125	2130	2141	rVB2	118530	212922	2.09%	0.211%
15	15.957	2199	2205	2226	rBV	2946017	5093648	50.09%	5.042%
16	16.874	2357	2361	2368	rVB2	72912	119815	1.18%	0.119%
17	16.968	2369	2377	2384	rVV5	62952	203543	2.00%	0.201%
18	17.039	2384	2389	2401	rVB	98799	188233	1.85%	0.186%
19	17.221	2413	2420	2423	rBV	1330759	2105887	20.71%	2.085%
20	17.263	2423	2427	2434	rVV	1901637	2769818	27.24%	2.742%
21	17.351	2437	2442	2448	rVV	519883	811547	7.98%	0.803%
22	17.627	2483	2489	2501	rBV2	146272	321479	3.16%	0.318%
23	17.739	2504	2508	2515	rVV3	64326	116420	1.14%	0.115%
24	17.804	2515	2519	2528	rVB4	55844	106952	1.05%	0.106%
25	18.086	2559	2567	2570	rBV	353310	616342	6.06%	0.610%
26	18.133	2570	2575	2583	rVV2	554354	1172142	11.53%	1.160%
27	18.215	2585	2589	2594	rVV	210604	316379	3.11%	0.313%
28	18.274	2594	2599	2603	rVV2	532058	993957	9.77%	0.984%
29	18.310	2603	2605	2612	rVB	258885	336866	3.31%	0.333%
30	18.574	2645	2650	2653	rBV	246712	334551	3.29%	0.331%
31	18.621	2653	2658	2666	rVB2	182726	307683	3.03%	0.305%
32	18.974	2713	2718	2722	rBV	236488	409407	4.03%	0.405%
33	19.115	2737	2742	2748	rBV2	233800	389803	3.83%	0.386%
34	19.233	2756	2762	2769	rBV	4639673	6301599	61.97%	6.238%
35	19.327	2775	2778	2779	rBV	114298	112880	1.11%	0.112%
36	19.374	2784	2786	2790	rVB	130329	156979	1.54%	0.155%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-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	19.468	2799	2802	2805	rVB	104648	118038	1.16%	0.117%
38	19.557	2812	2817	2818	rBV	756262	969648	9.54%	0.960%
39	19.586	2818	2822	2830	rVV	4095848	5735514	56.40%	5.677%
40	19.657	2830	2834	2840	rVB2	213000	335141	3.30%	0.332%
41	19.780	2848	2855	2860	rBV	8210141	10168645	100.00%	10.066%
42	19.821	2860	2862	2870	rVB	198354	262071	2.58%	0.259%
43	19.904	2870	2876	2882	rBV3	311117	782838	7.70%	0.775%
44	20.039	2893	2899	2900	rBV4	267287	448405	4.41%	0.444%
45	20.068	2900	2904	2909	rVB	615513	909605	8.95%	0.900%
46	20.168	2917	2921	2924	rBV	353318	445137	4.38%	0.441%
47	20.221	2925	2930	2934	rVV2	409173	637551	6.27%	0.631%
48	20.357	2950	2953	2957	rBV	227636	302405	2.97%	0.299%
49	20.404	2957	2961	2965	rVV	283198	360103	3.54%	0.356%
50	20.804	3025	3029	3034	rBV	440405	608274	5.98%	0.602%
51	20.962	3052	3056	3059	rBV2	389748	632444	6.22%	0.626%
52	20.998	3060	3062	3064	rVV	455589	567002	5.58%	0.561%
53	21.027	3064	3067	3074	rVV4	630370	1609628	15.83%	1.593%
54	21.092	3074	3078	3089	rVB3	665211	1179124	11.60%	1.167%
55	21.304	3108	3114	3119	rBV3	3345928	6949578	68.34%	6.879%
56	21.345	3119	3121	3130	rVB	2135872	2764144	27.18%	2.736%
57	21.427	3130	3135	3139	rBV	2630159	3493509	34.36%	3.458%
58	21.886	3210	3213	3217	rVB	408914	517137	5.09%	0.512%
59	21.945	3220	3223	3229	rVB	296259	414848	4.08%	0.411%
60	22.986	3394	3400	3406	rBV	1754088	4596097	45.20%	4.550%
61	23.509	3483	3489	3498	rVB	970185	2028033	19.94%	2.008%
62	23.609	3500	3506	3513	rVV	1451306	3053922	30.03%	3.023%
63	23.721	3519	3525	3530	rBV2	1136830	2259031	22.22%	2.236%
64	26.221	3945	3950	3963	rVB2	810132	2423442	23.83%	2.399%

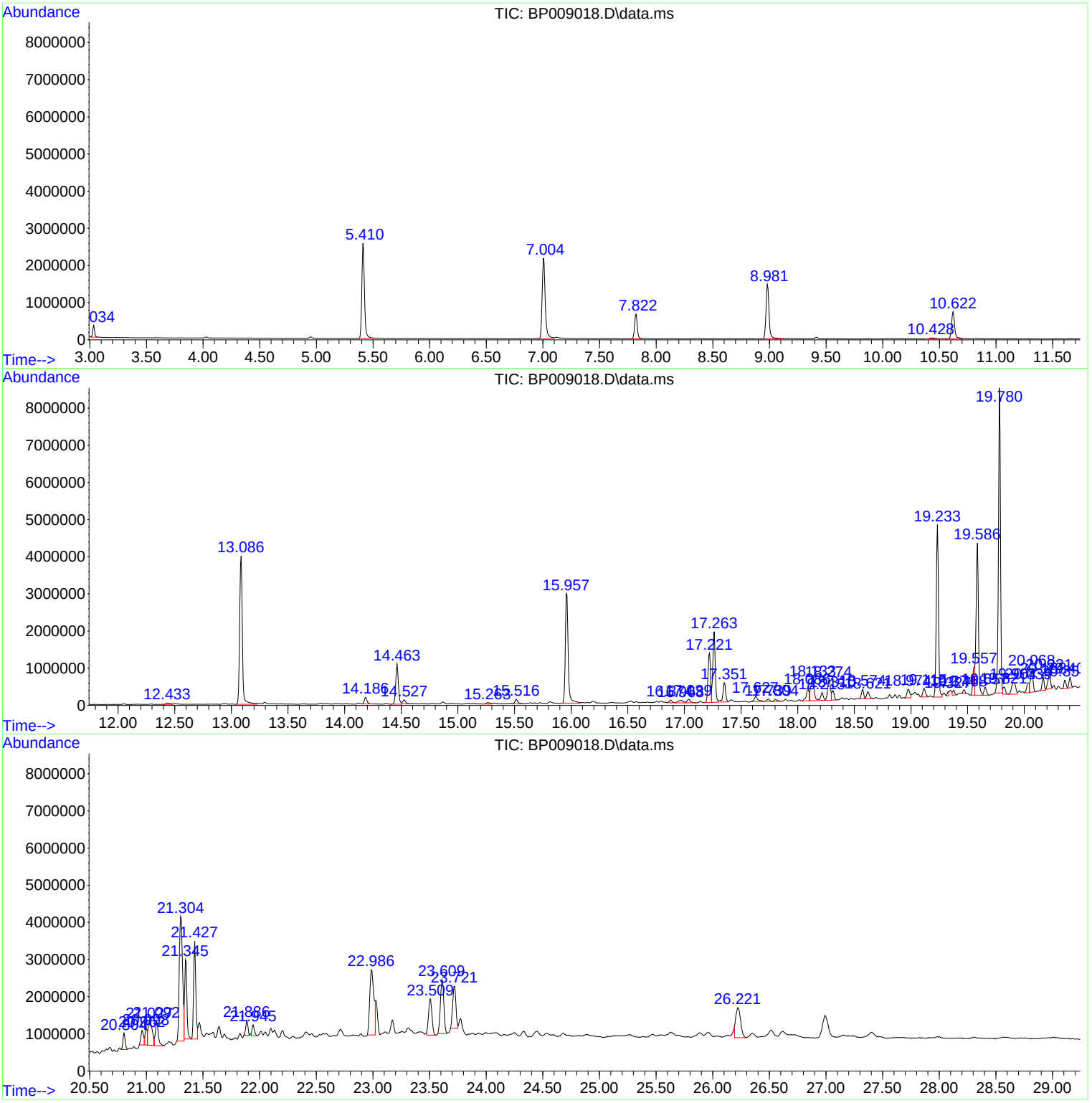
Sum of corrected areas: 101021867

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-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 : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

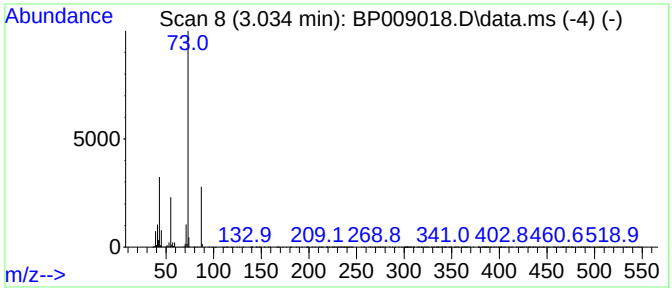
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

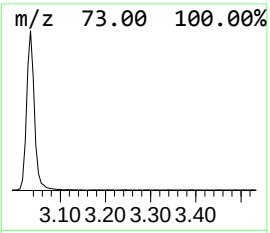
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

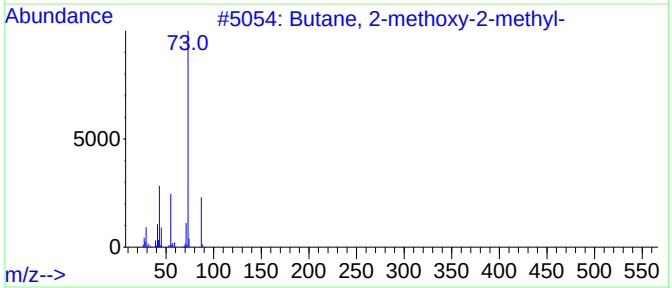
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

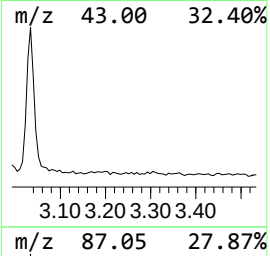
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	6.91 ng	374346	1,4-Dichlorobenzene-d4	7.822

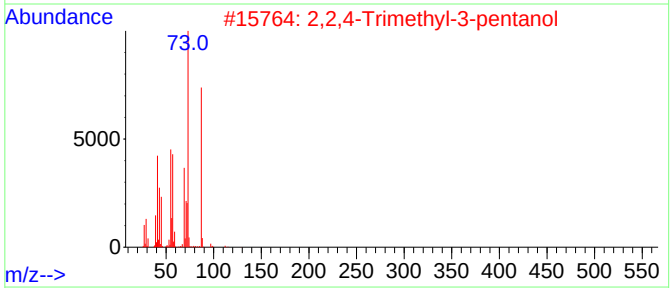
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

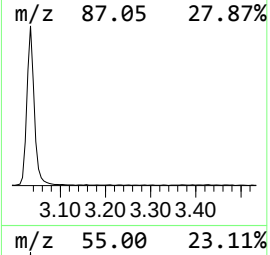


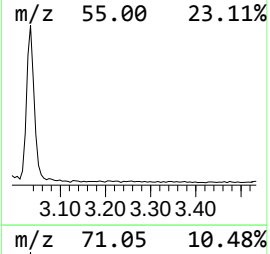


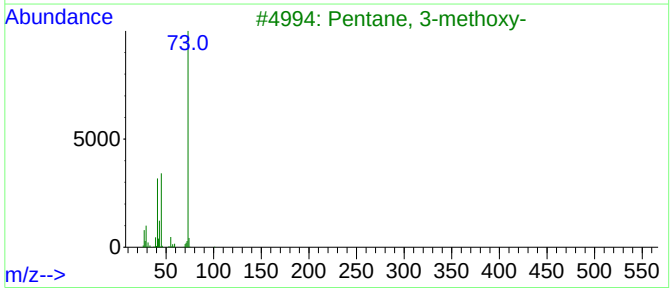


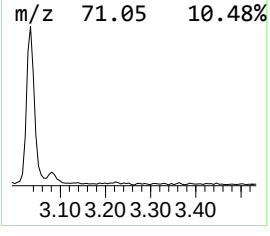












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

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

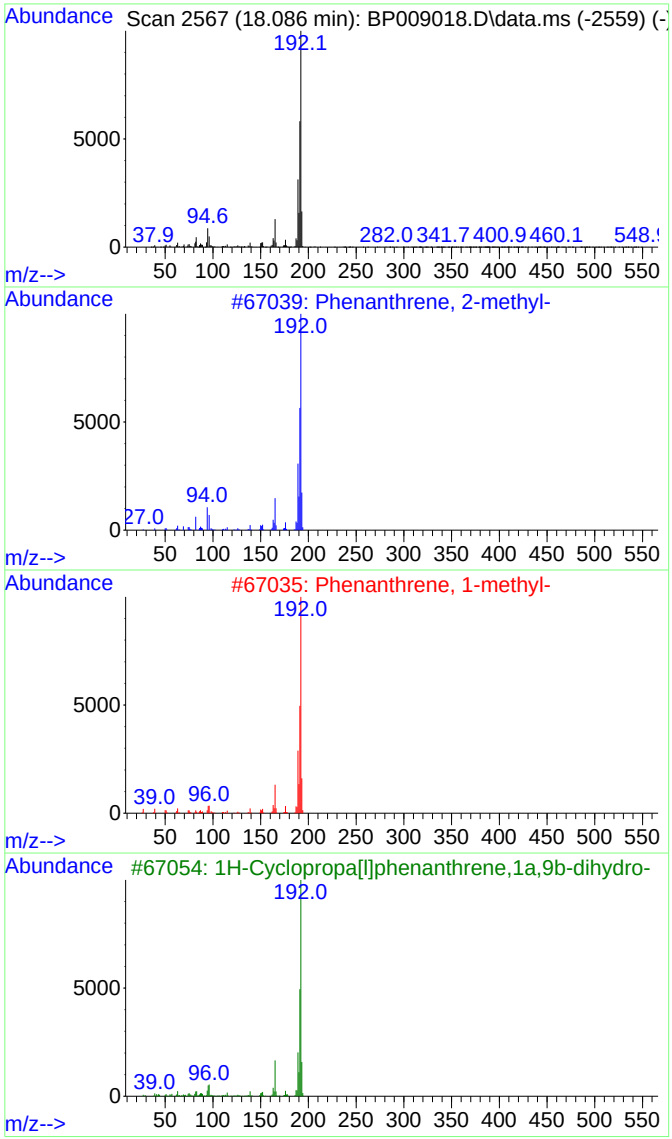
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

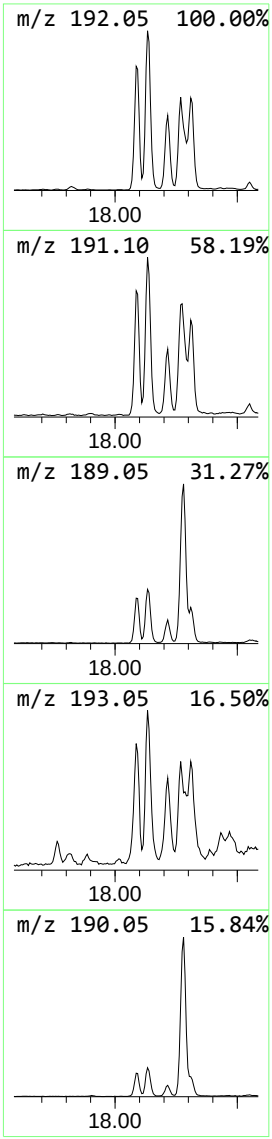
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	5.85 ng	616342	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

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

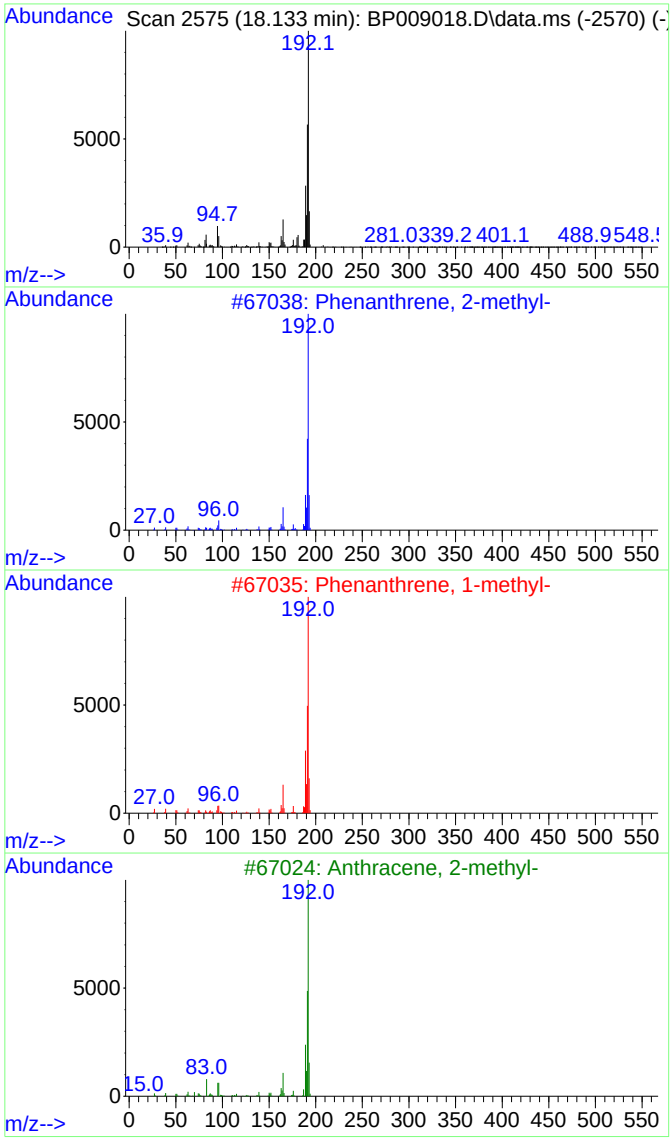
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

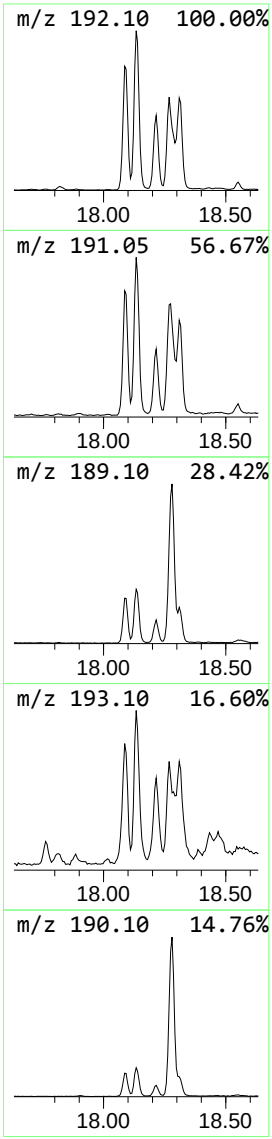
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	11.13 ng	1172140	Phenanthrene-d10	17.221

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

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

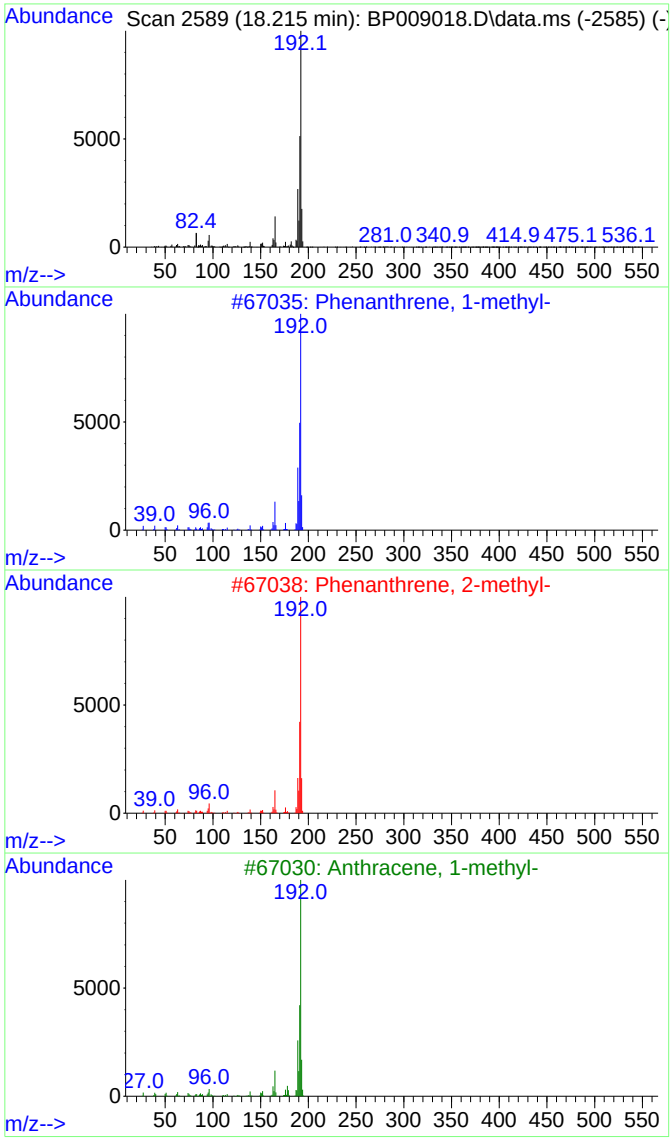
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

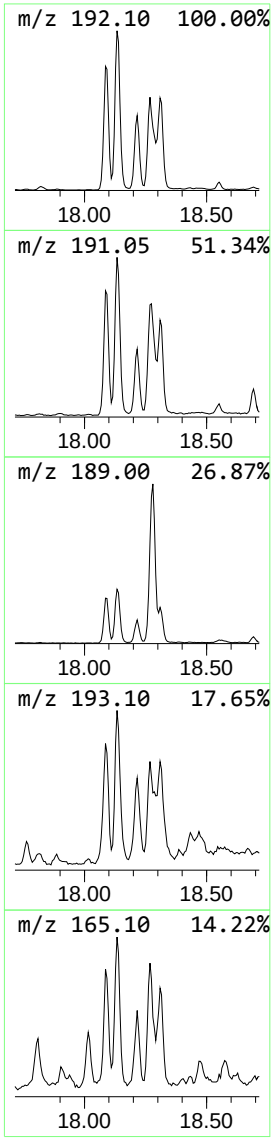
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	3.00 ng	316379	Phenanthrene-d10	17.221

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

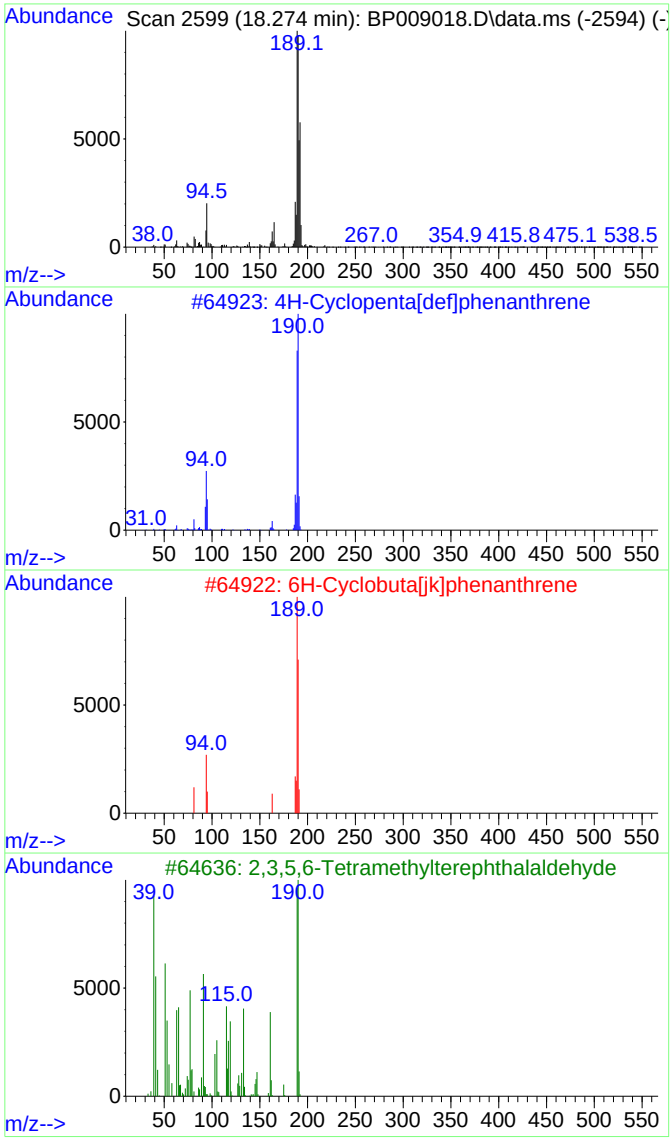
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

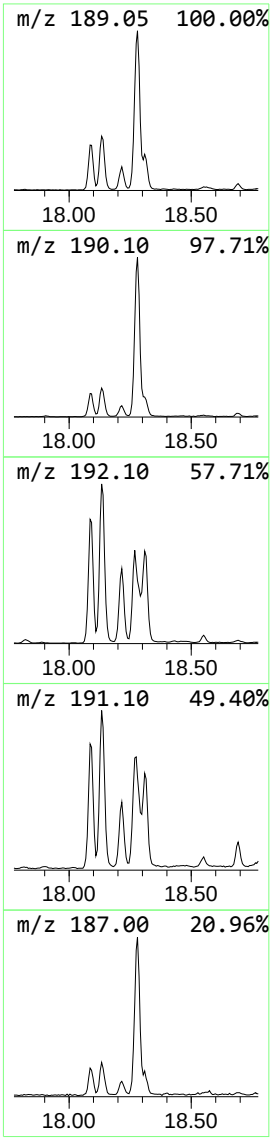
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	9.44 ng	993957	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Methyl diselenide	190	C2H6Se2	007101-31-7	41
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

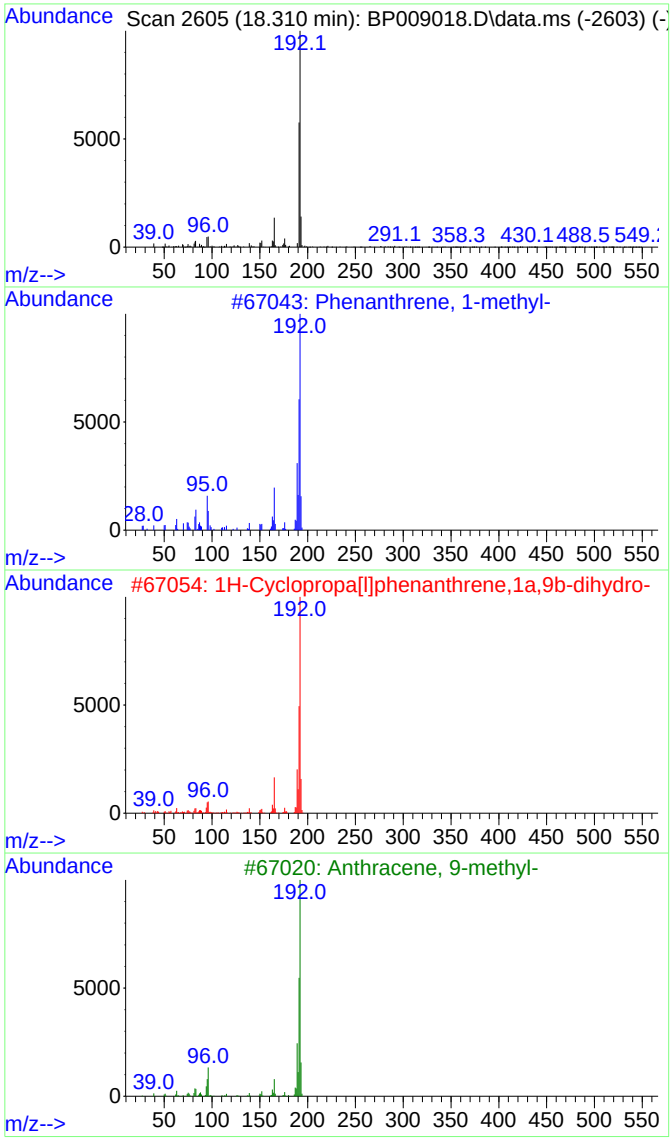
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

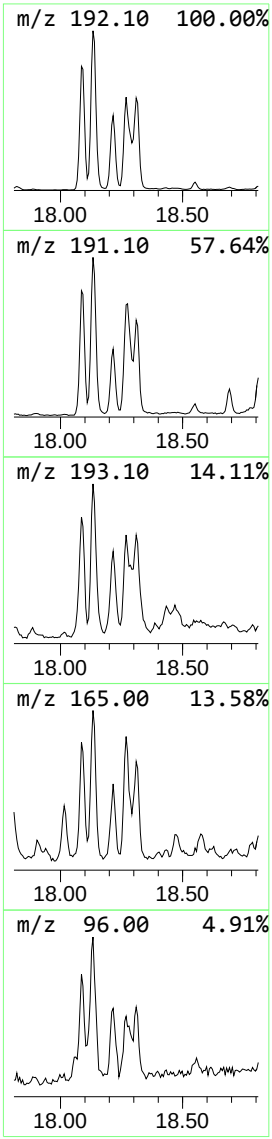
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	3.20 ng	336866	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-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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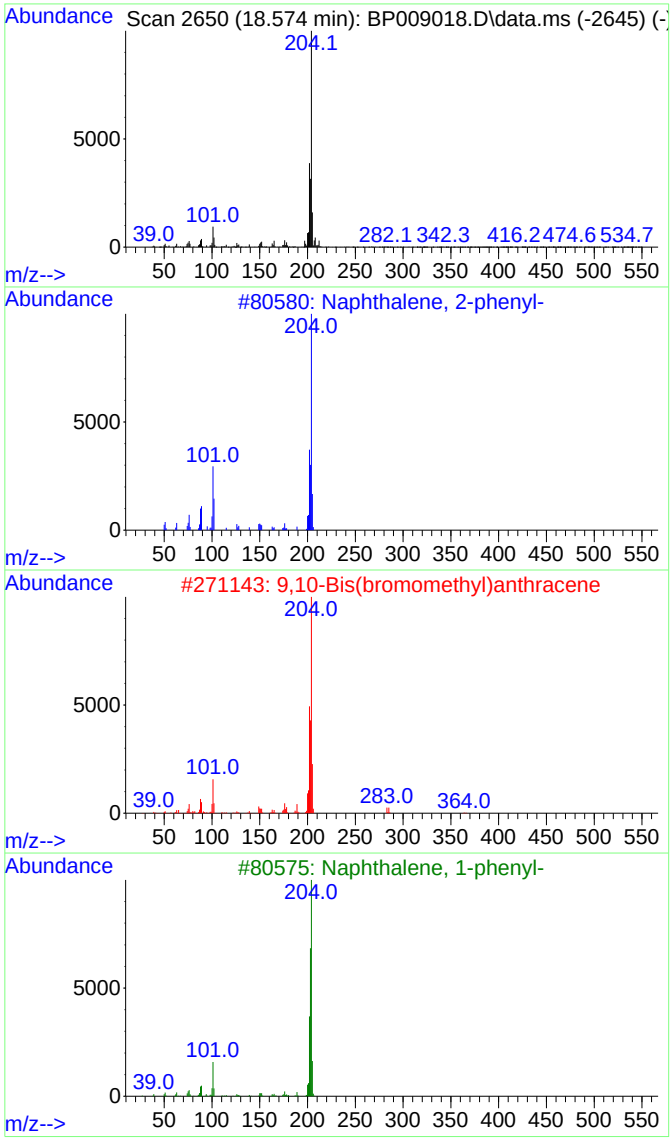
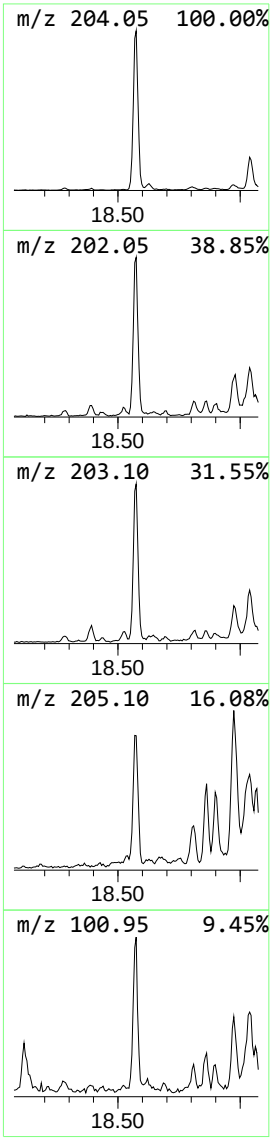
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.574	3.18 ng	334551	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	43





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Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

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

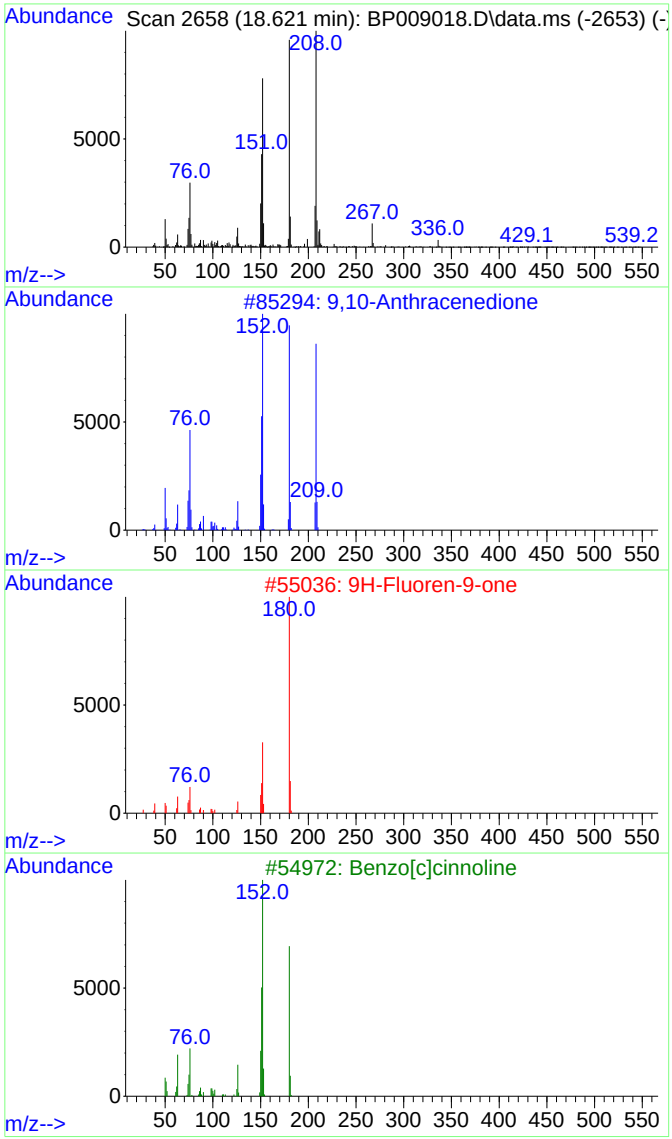
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

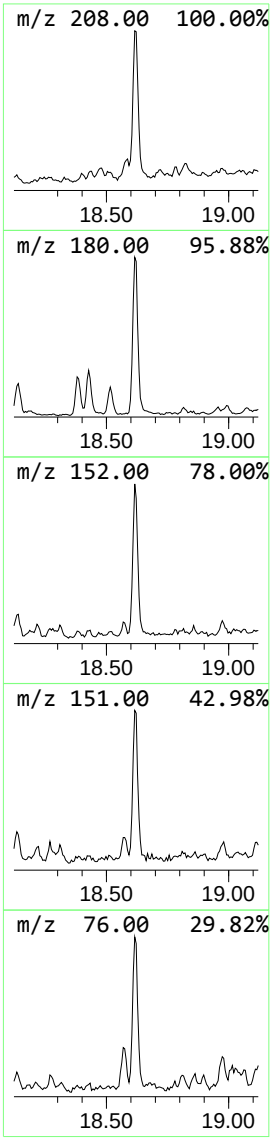
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.621	2.92 ng	307683	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Diphenic anhydride	224	C14H8O3	006050-13-1	43





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Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-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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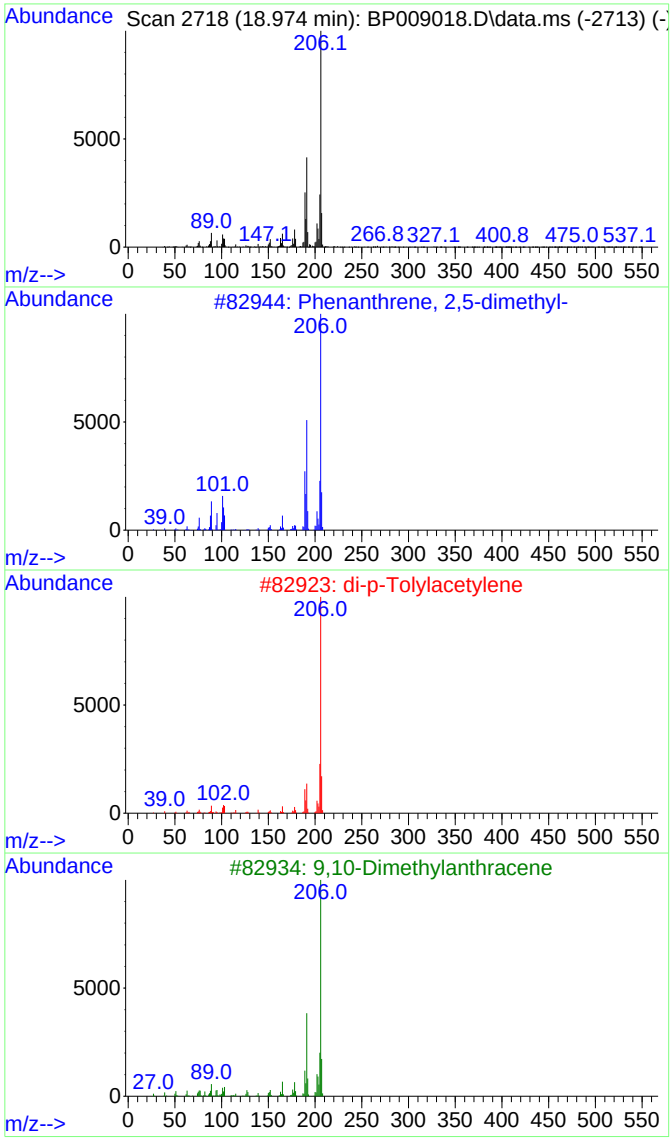
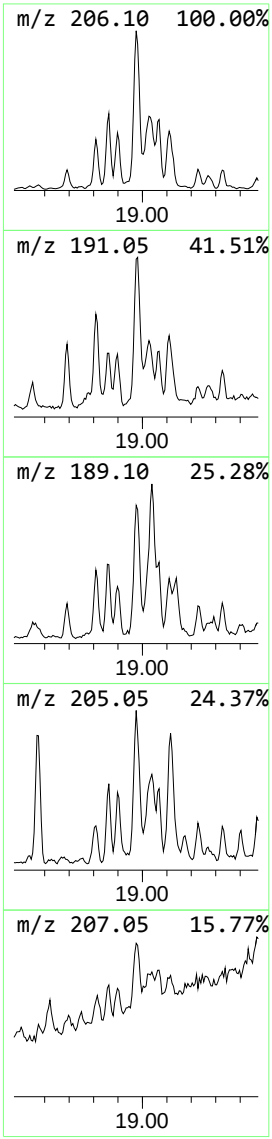
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	3.89 ng	409407	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

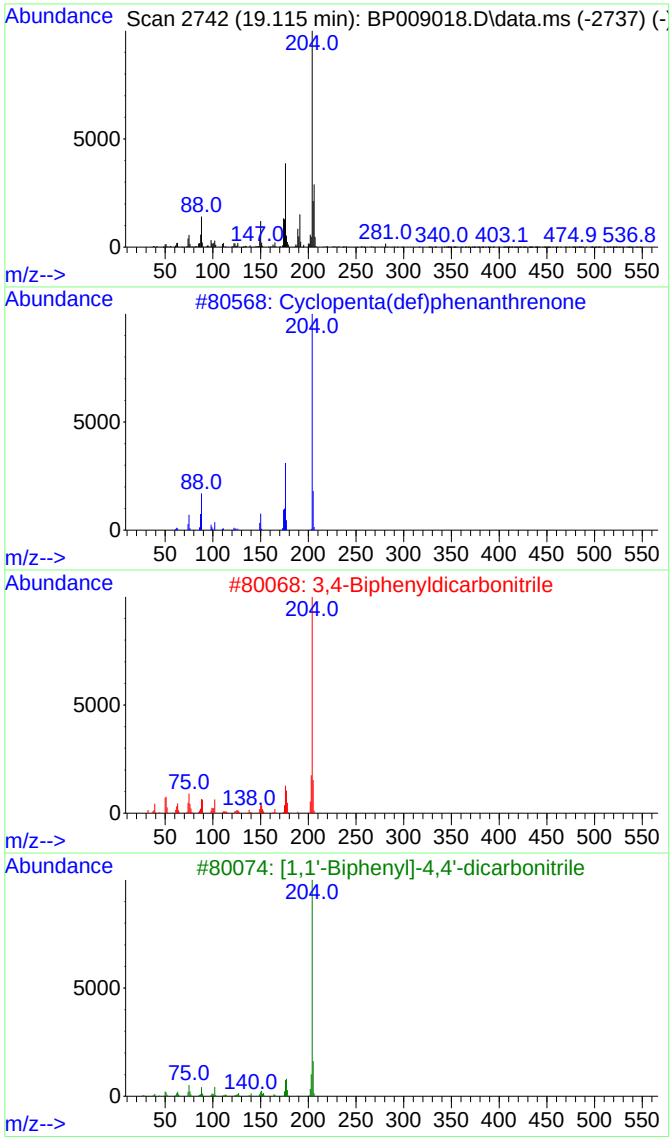
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

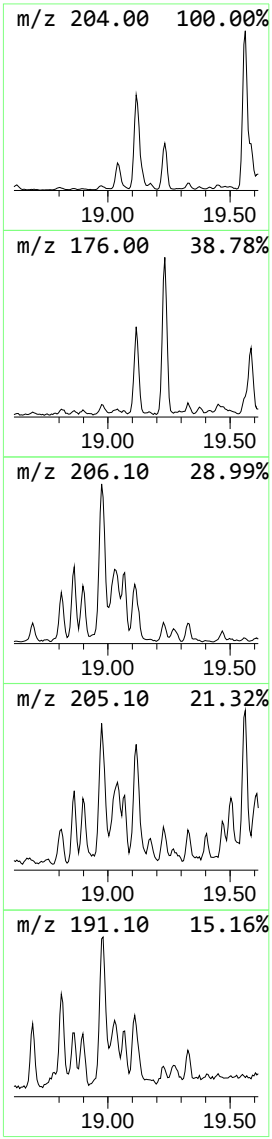
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	3.70 ng	389803	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-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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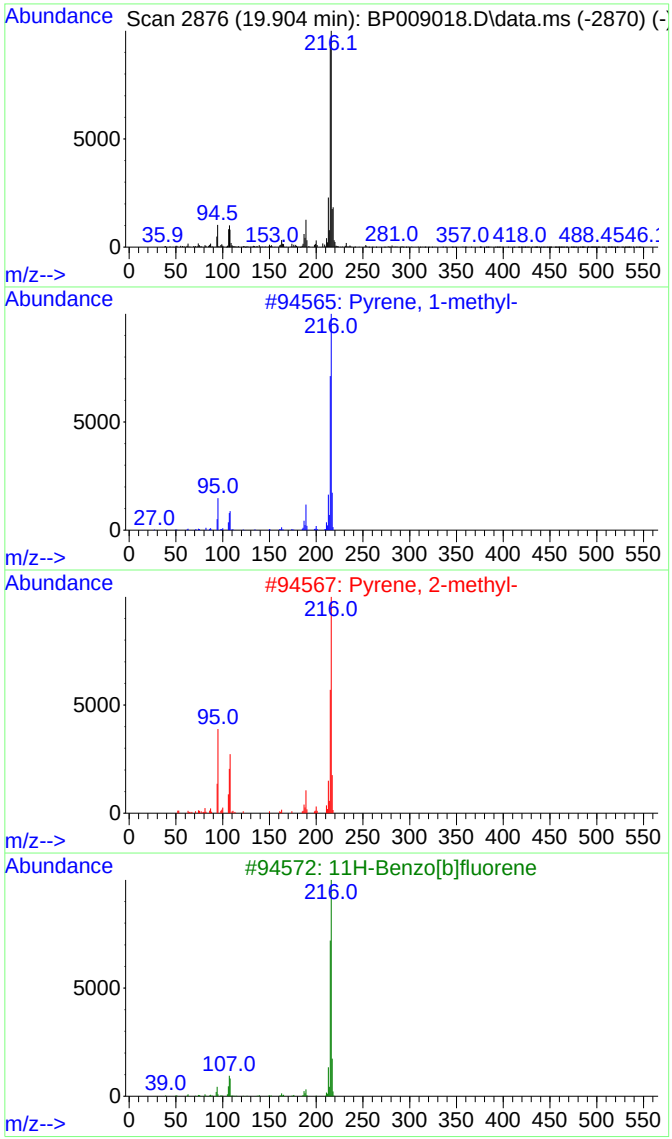
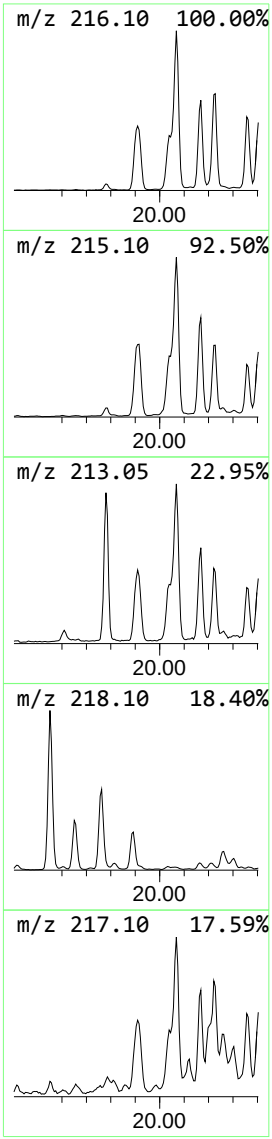
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.904	2.25 ng	782838	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-PHC

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

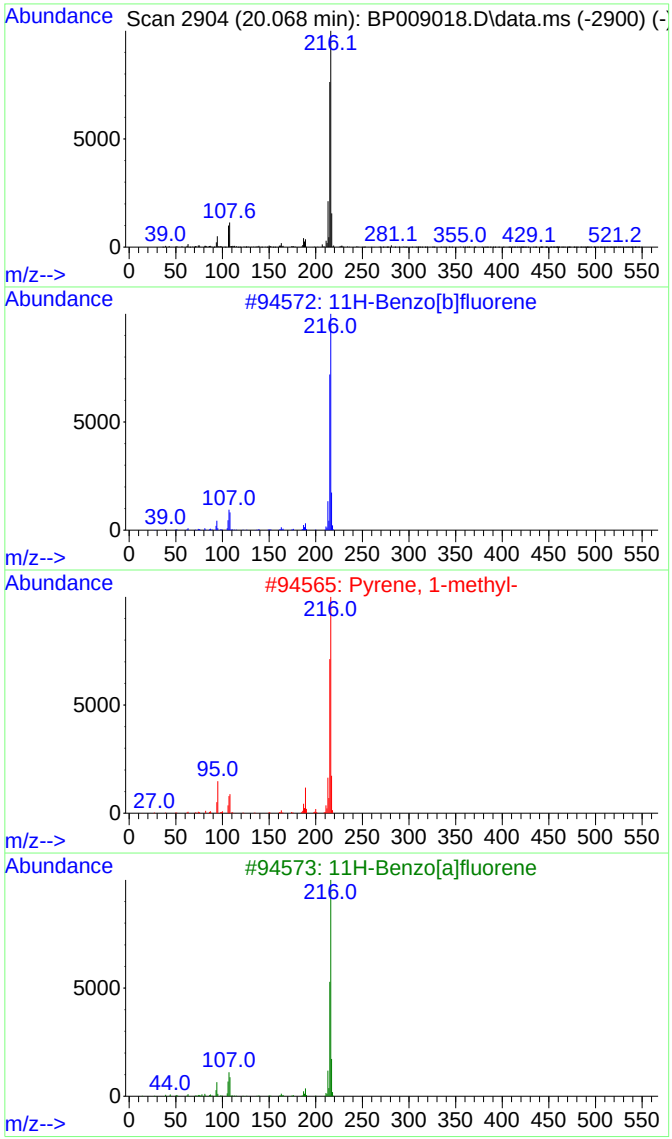
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

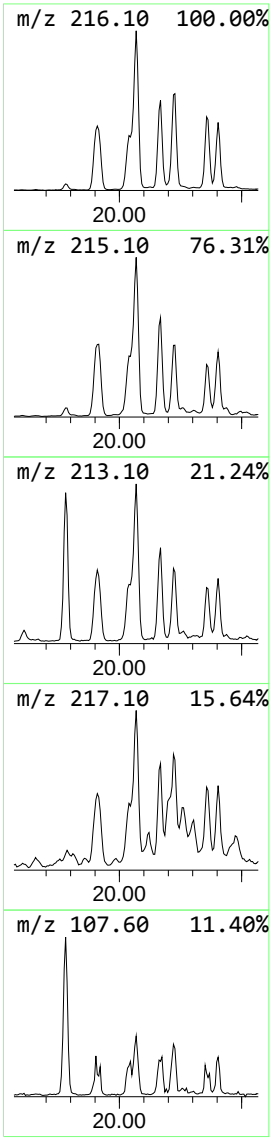
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.068	2.62 ng	909605	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-PHC

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

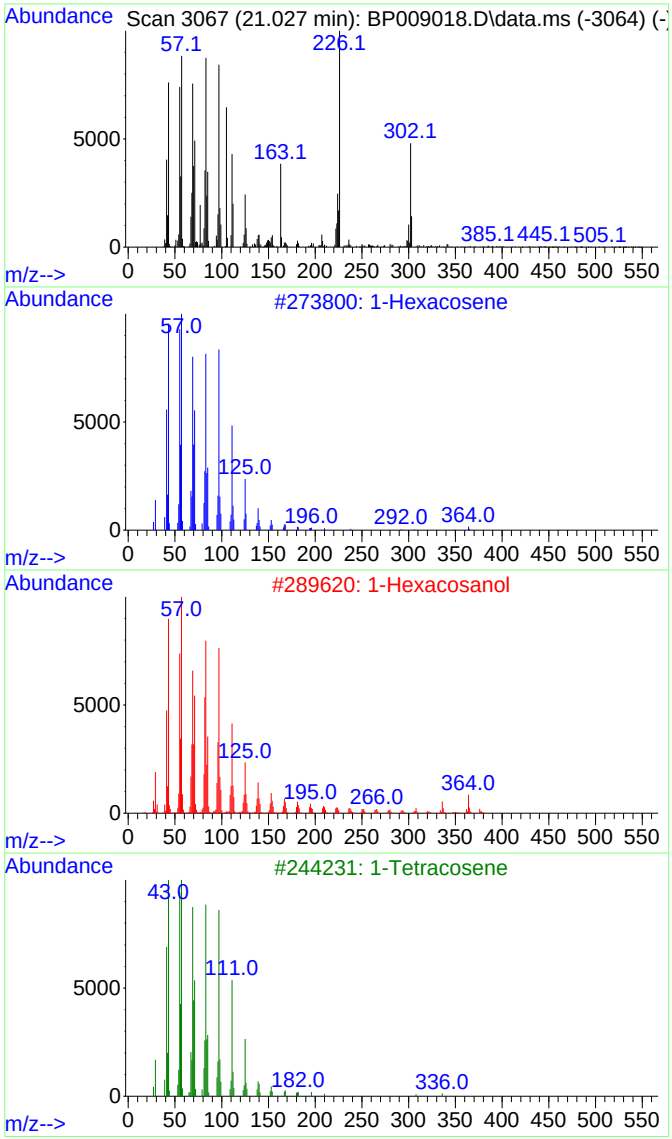
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

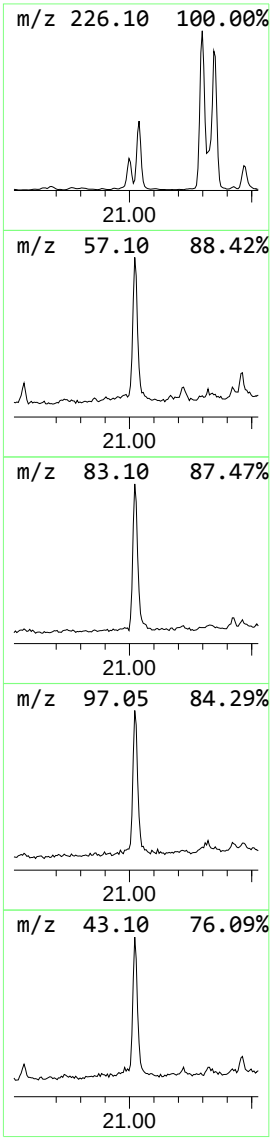
****

Peak Number 15 1-Hexacosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	4.63 ng	1609630	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	70
2	1-Hexacosanol	382	C26H54O	000506-52-5	55
3	1-Tetracosene	336	C24H48	010192-32-2	55
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	55
5	1-Heneicosanol	312	C21H44O	015594-90-8	55





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Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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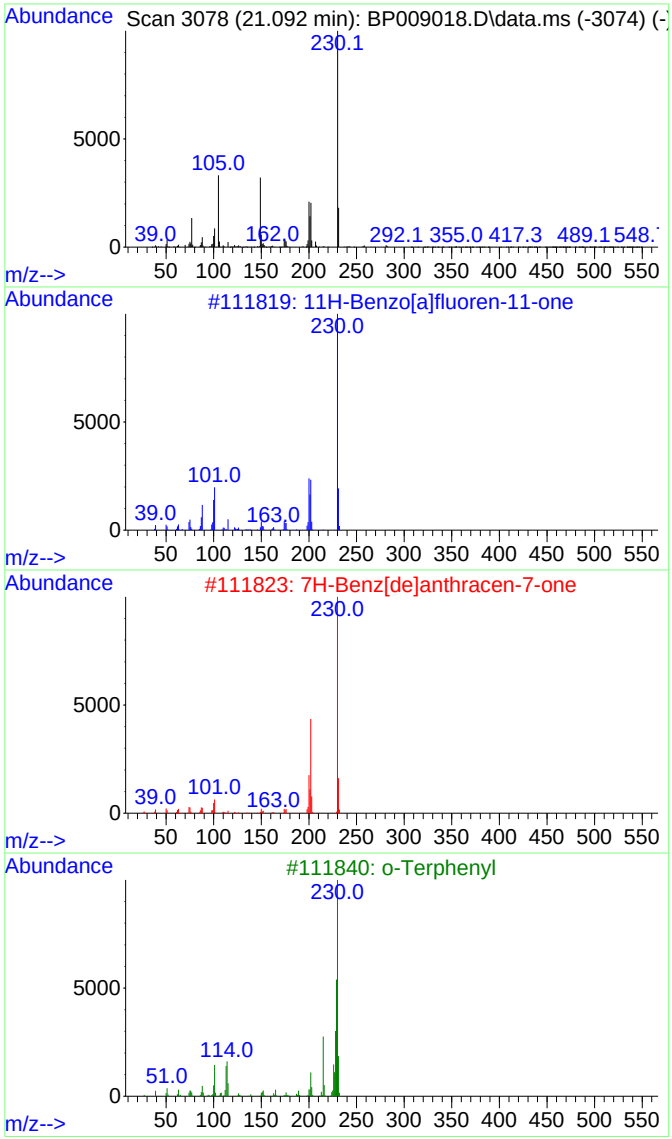
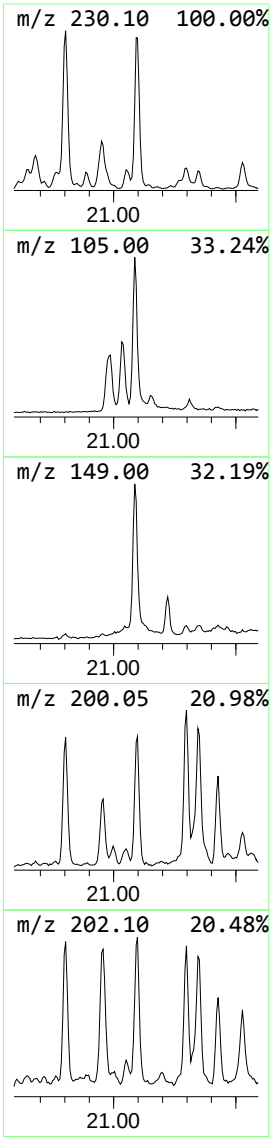
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	3.39 ng	1179120	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	o-Terphenyl	230	C18H14	000084-15-1	38
4	p-Terphenyl	230	C18H14	000092-94-4	38
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38





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Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-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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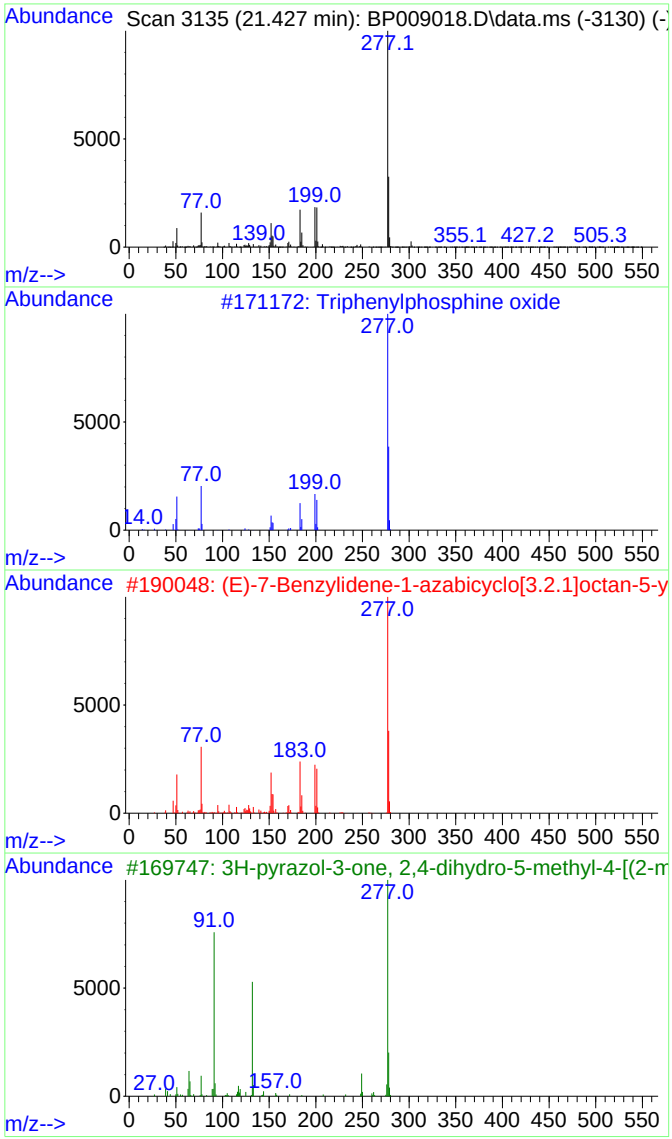
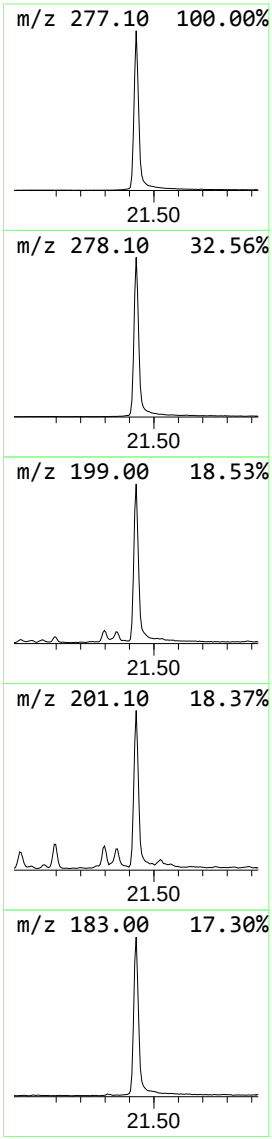
Peak Number 17 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	10.05 ng	3493510	Chrysene-d12	21.309

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	3H-pyrazol-3-one, 2,4-dihydro-5-...	277	C17H15N3O	1000397-10-0	47
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	40
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38





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Misc :
ALS Vial : 20 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

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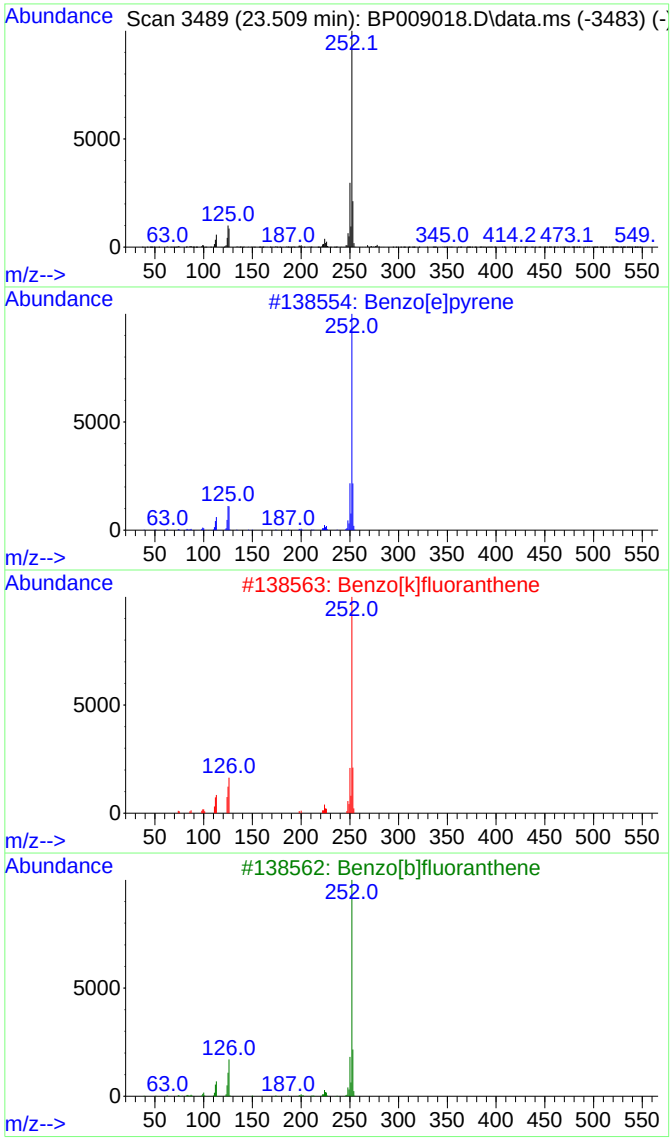
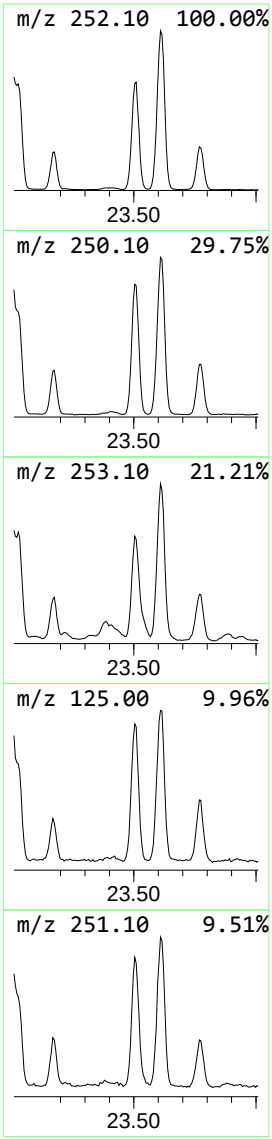
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	17.95 ng	2028030	Perylene-d12	23.721

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009018.D
Acq On : 02 Feb 2022 21:37
Operator : CG/JU
Sample : N1356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
B-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...	3.034	6.9	ng	374346	1	7.822	1083400	20.0
Phenanthrene, 2...	18.086	5.8	ng	616342	4	17.221	2105890	20.0
Phenanthrene, 1...	18.133	11.1	ng	1172140	4	17.221	2105890	20.0
Anthracene, 1-m...	18.215	3.0	ng	316379	4	17.221	2105890	20.0
4H-Cyclopenta[d...	18.274	9.4	ng	993957	4	17.221	2105890	20.0
1H-Cyclopropa[l...	18.310	3.2	ng	336866	4	17.221	2105890	20.0
Naphthalene, 2-...	18.574	3.2	ng	334551	4	17.221	2105890	20.0
9,10-Anthracene...	18.621	2.9	ng	307683	4	17.221	2105890	20.0
Phenanthrene, 2...	18.974	3.9	ng	409407	4	17.221	2105890	20.0
Cyclopenta(def)...	19.115	3.7	ng	389803	4	17.221	2105890	20.0
Pyrene, 1-methyl-	19.904	2.3	ng	782838	5	21.309	6949580	20.0
11H-Benzo[b]flu...	20.068	2.6	ng	909605	5	21.309	6949580	20.0
1-Hexacosene	21.027	4.6	ng	1609630	5	21.309	6949580	20.0
11H-Benzo[a]flu...	21.092	3.4	ng	1179120	5	21.309	6949580	20.0
Triphenylphosph...	21.427	10.1	ng	3493510	5	21.309	6949580	20.0
Benzo[e]pyrene	23.509	17.9	ng	2028030	6	23.721	2259030	20.0