LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

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\8270-BP060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.204	388	394	403	rBV	873777	1250508	3.32%	0.785%
2	6.775	652	661	676	rBV	786909	1265841	3.36%	0.795%
3	7.581	791	798	809	rBV	671411	1063739	2.82%	0.668%
4	7.898	844	852	860	rBV	753903	1208779	3.21%	0.759%
5	8.728	981	993	1001	rBV	504905	889801	2.36%	0.559%
6	10.357	1261	1270	1287	rBV	778029	1425685	3.78%	0.895%
7	12.845	1687	1693	1704	rVB	1182217	1762764	4.68%	1.107%
8	14.228	1922	1928	1934	rBV	1079943	1694716	4.50%	1.064%
9	15.286	2102	2108	2113	rBV3	300352	464719	1.23%	0.292%
10	15.727	2178	2183	2192	rVB2	894795	1382998	3.67%	0.868%
11	16.298	2272	2280	2284	rBV2	218481	481839	1.28%	0.302%
12	16.798	2359	2365	2370	rVV2	210163	503506	1.34%	0.316%
13	16.986	2392	2397	2401	rBV	1290290	1960331	5.20%	1.231%
14	17.033	2401	2405	2410	rVB	2428796	3369042	8.94%	2.115%
15	17.121	2415	2420	2426	rVB	1048346	1446156	3.84%	0.908%
16	17.569	2492	2496	2503	rVB2	680472	990224	2.63%	0.622%
17	17.710	2513	2520	2530	rVB	10290126	15582068	41.35%	9.782%
18	17.869	2542	2547	2551	rBV	1221707	1756151	4.66%	1.102%
19	17.916	2551	2555	2563	rVV	1470577	2329118	6.18%	1.462%
20	17.992	2563	2568	2572	rVV	660513	968413	2.57%	0.608%
21	18.051	2572	2578	2583	rVV2	1776117	3451451	9.16%	2.167%
22	18.092	2583	2585	2593	rVB	1022334	1216440	3.23%	0.764%
23	18.363	2627	2631	2634	rVV2	628745	880380	2.34%	0.553%
24	18.598	2668	2671	2675	rVV	368697	515684	1.37%	0.324%
25	18.651	2676	2680	2683	rVV	311840	442563	1.17%	0.278%
26	18.768	2694	2700	2703	rBV	977702	1602572	4.25%	1.006%
27	18.833	2703	2711	2714	rVV	14882769	37684690	100.00%	23.658%
28	18.868	2714	2717	2724	rVV3	13501240	24174465	64.15%	15.176%
29	18.927	2724	2727	2731	rVB	821769	974646	2.59%	0.612%
30	18.980	2731	2736	2739	rBV	6193453	7896073	20.95%	4.957%
31	19.021	2739	2743	2747	rVB	2342899	3004110	7.97%	1.886%
32	19.327	2789	2795	2797	rBV3	620065	1041592	2.76%	0.654%
33	19.374	2797	2803	2807	rVB	2837631	4229435	11.22%	2.655%
34	19.580	2831	2838	2842	rVV	2032476	2782743	7.38%	1.747%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

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\8270-BP060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.627	2842	2846	2850	rVV2	341053	549337	1.46%	0.345%
36	19.698	2854	2858	2869	rVB2	558491	1342291	3.56%	0.843%
37	19.839	2878	2882	2883	rBV2	863183	1005294	2.67%	0.631%
38	19.863	2883	2886	2890	rVB	1411418	1690970	4.49%	1.062%
39	19.933	2895	2898	2900	rBV	601457	572189	1.52%	0.359%
40	19.957	2900	2902	2907	rVB	713663	900418	2.39%	0.565%
41	20.015	2908	2912	2914	rBV	655255	871328	2.31%	0.547%
42	20.045	2914	2917	2919	rVB	777120	699142	1.86%	0.439%
43	20.068	2919	2921	2928	rVB4	458079	759250	2.01%	0.477%
44	20.133	2928	2932	2933	rBV	435940	510160	1.35%	0.320%
45	20.192	2939	2942	2947	rBV	637425	836453	2.22%	0.525%
46	20.333	2963	2966	2970	rVB	529693	637119	1.69%	0.400%
47	20.645	3014	3019	3023	rVB3	790743	1463775	3.88%	0.919%
48	20.786	3041	3043	3047	rVB	383420	389987	1.03%	0.245%
49	20.968	3071	3074	3087	rBV2	1131464	1543195	4.10%	0.969%
50	21.086	3089	3094	3099	rVV2	2180104	4420326	11.73%	2.775%
51	21.133	3099	3102	3108	rVB	1576180	1975885	5.24%	1.240%
52	21.251	3119	3122	3124	rBV	317595	400944	1.06%	0.252%
53	21.833	3218	3221	3224	rBV2	439063	542151	1.44%	0.340%
54	22.639	3354	3358	3369	rVB2	700912	2143113	5.69%	1.345%
55	23.109	3434	3438	3447	rVB	576888	1006728	2.67%	0.632%
56	23.204	3449	3454	3463	rVB	869009	1836032	4.87%	1.153%
57	23.298	3465	3470	3475	rVB	849790	1501068	3.98%	0.942%

Sum of corrected areas: 159290397

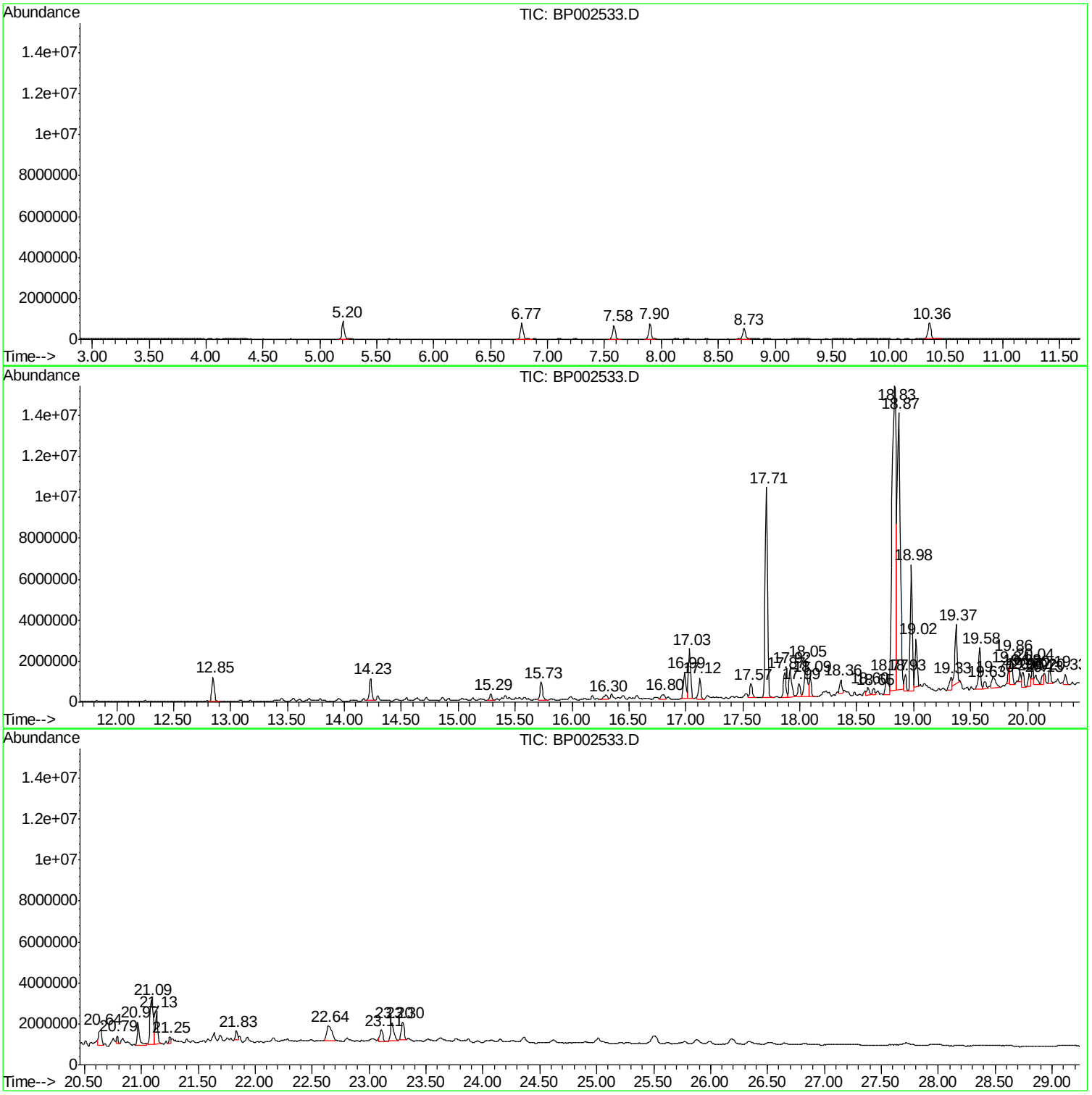
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

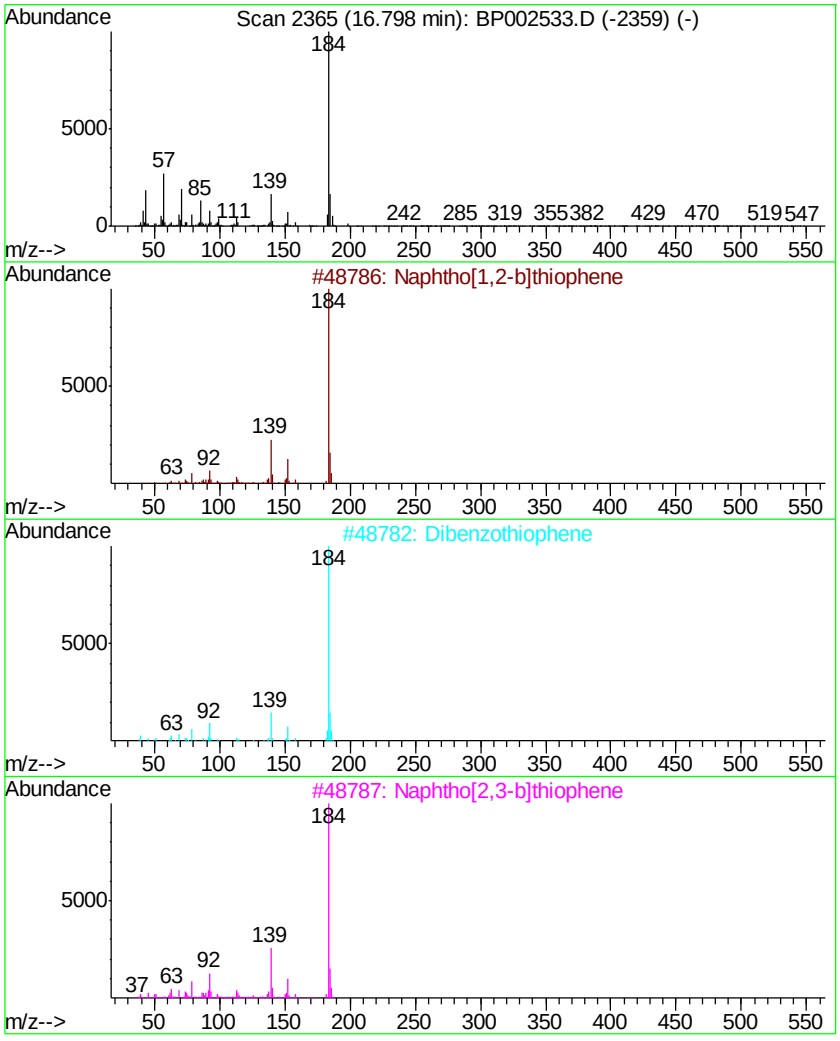
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

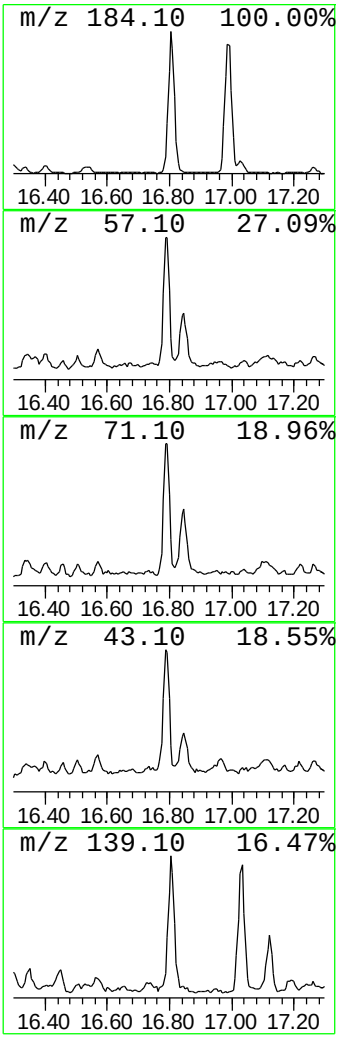
****

Peak Number 2 Naphtho[1,2-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	5.14 ng	503506	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

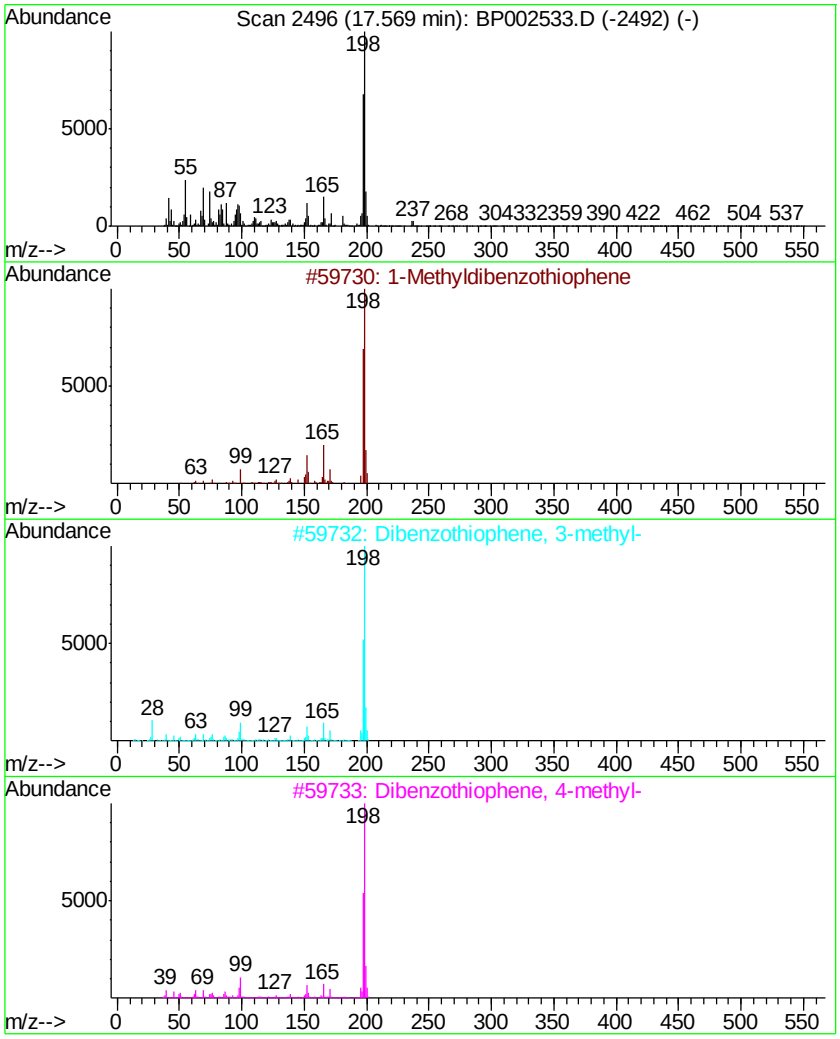
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

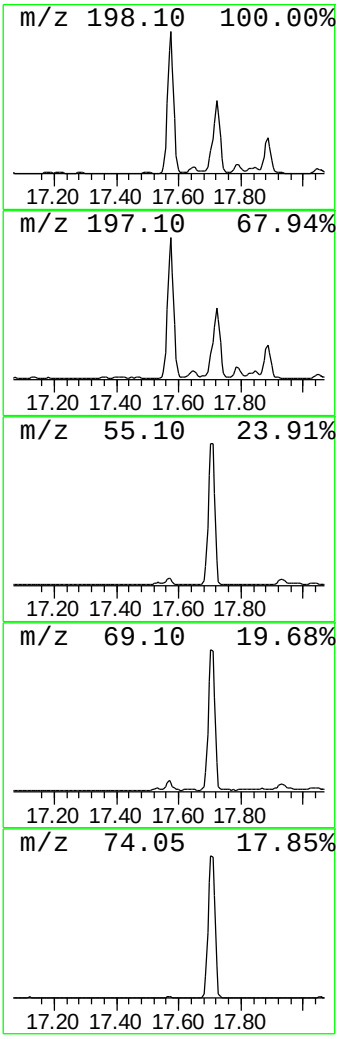
****

Peak Number 3 1-Methyldibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	10.10 ng	990224	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	83
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

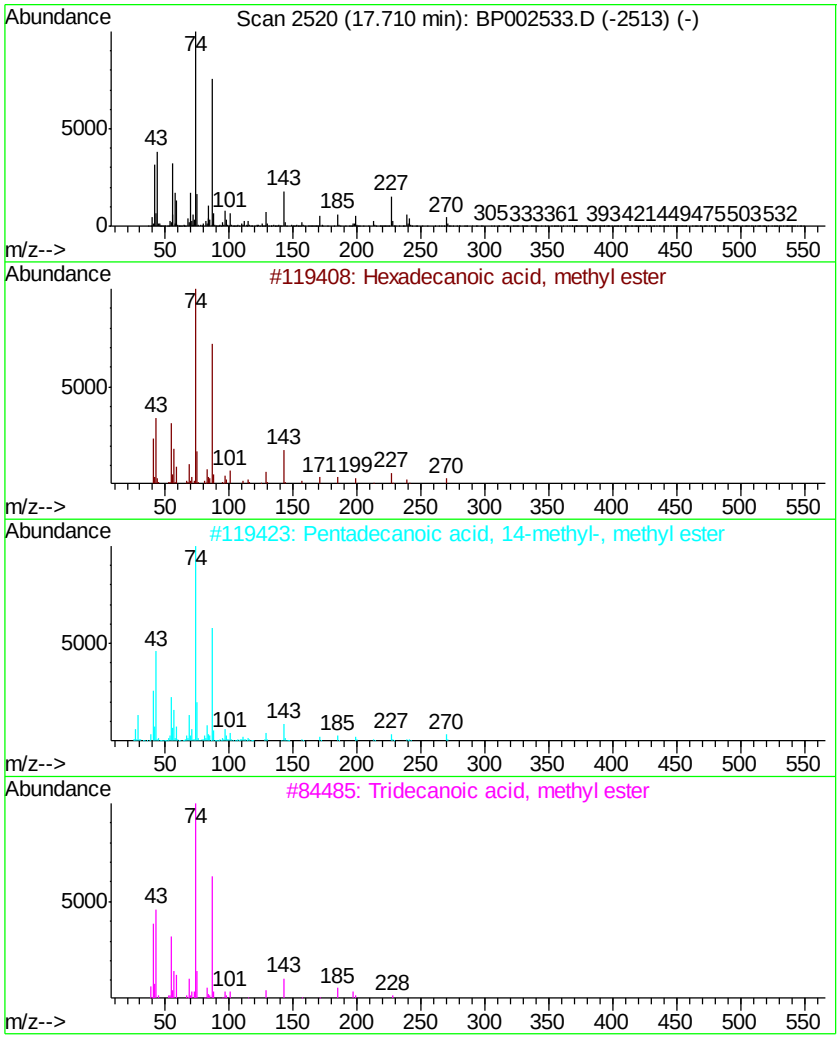
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

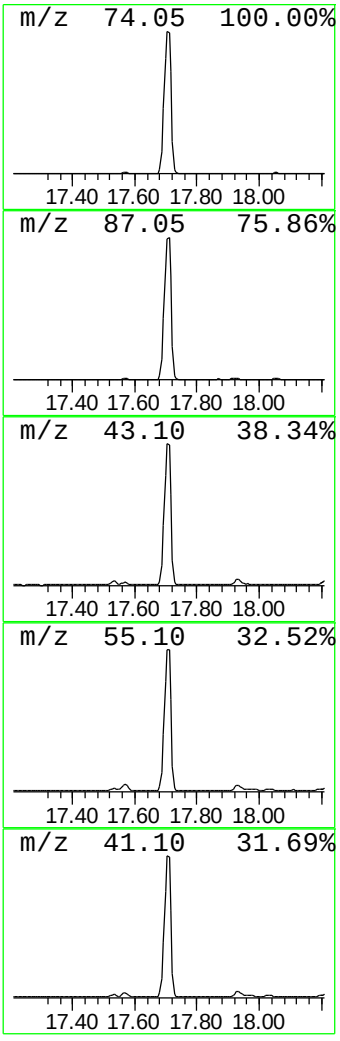
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	158.97 ng	15582100	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

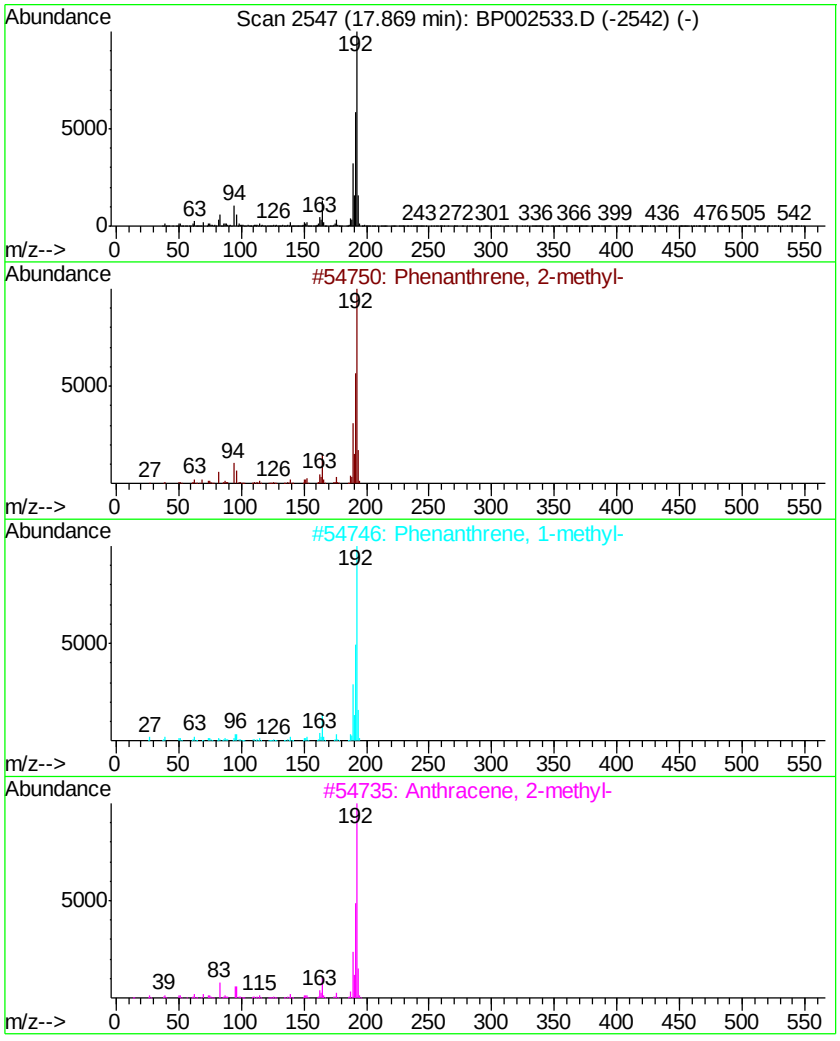
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

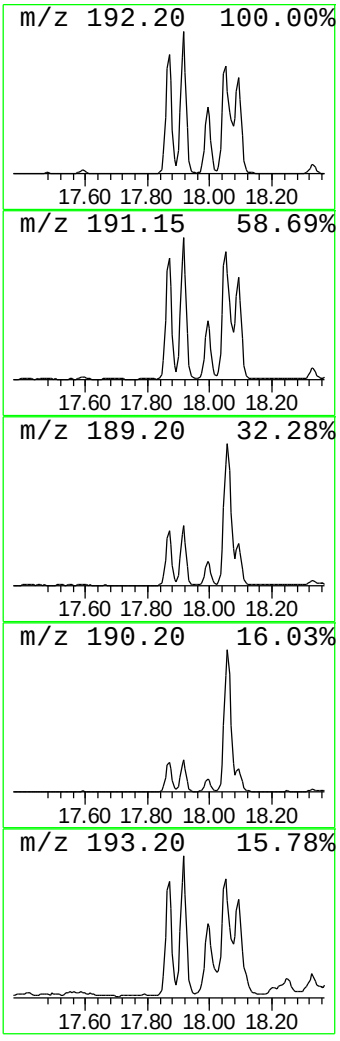
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	17.92 ng	1756150	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

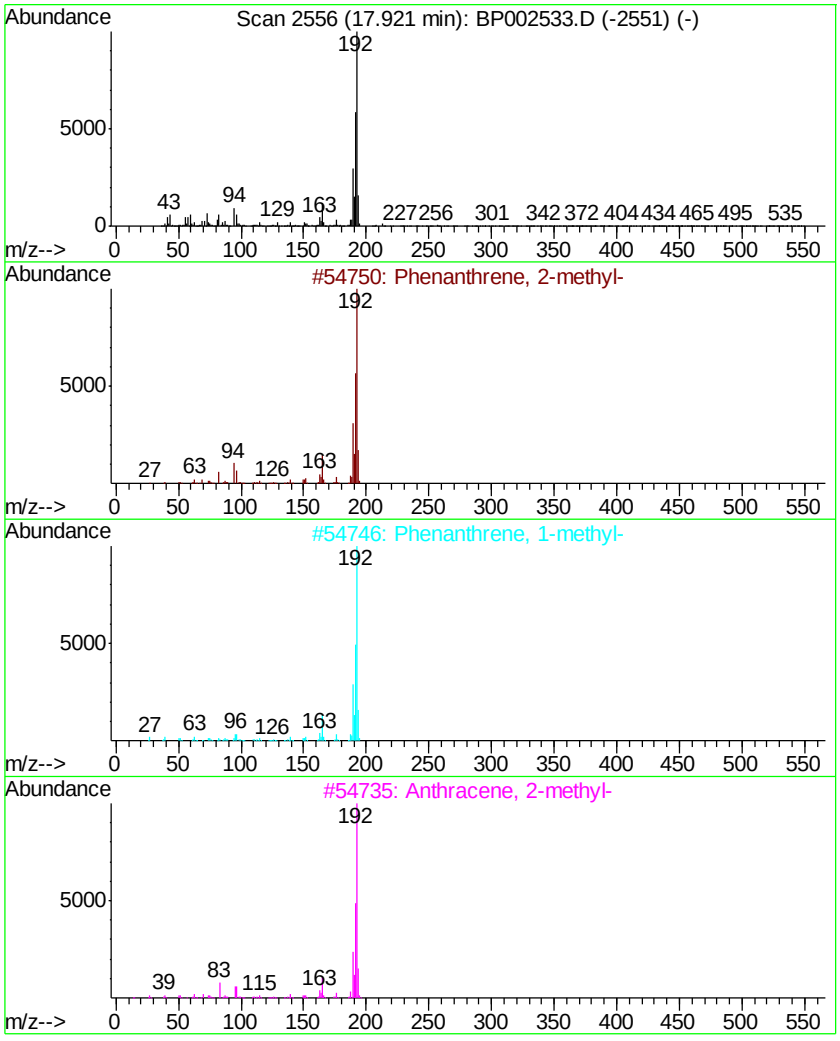
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

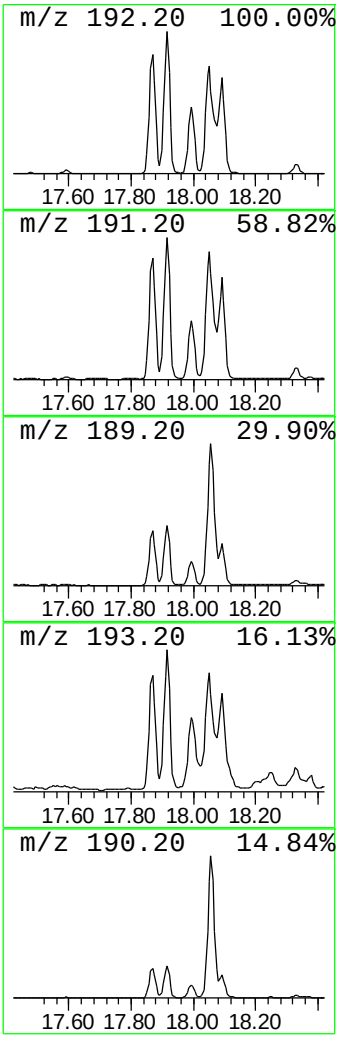
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	23.76 ng	2329120	Phenanthrene-d10	16.99

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

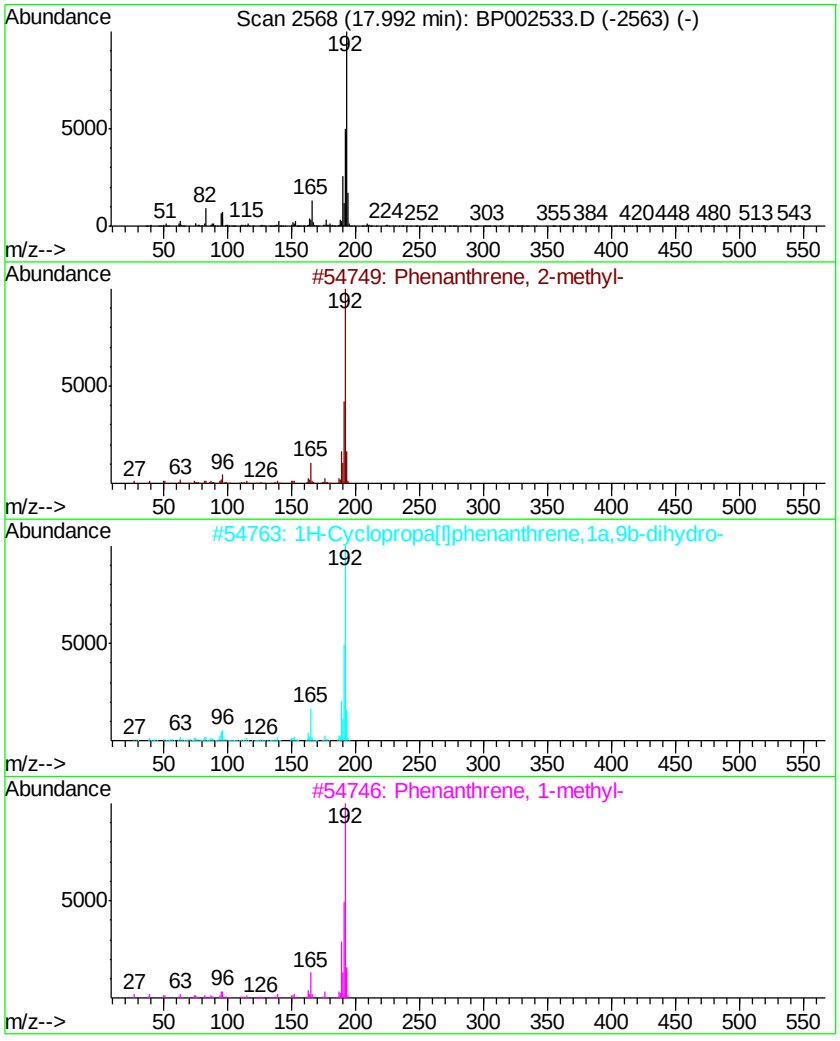
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

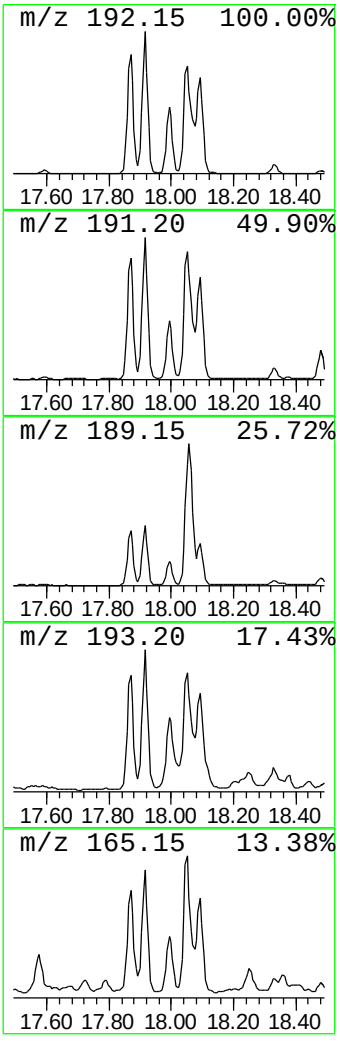
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	9.88 ng	968413	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

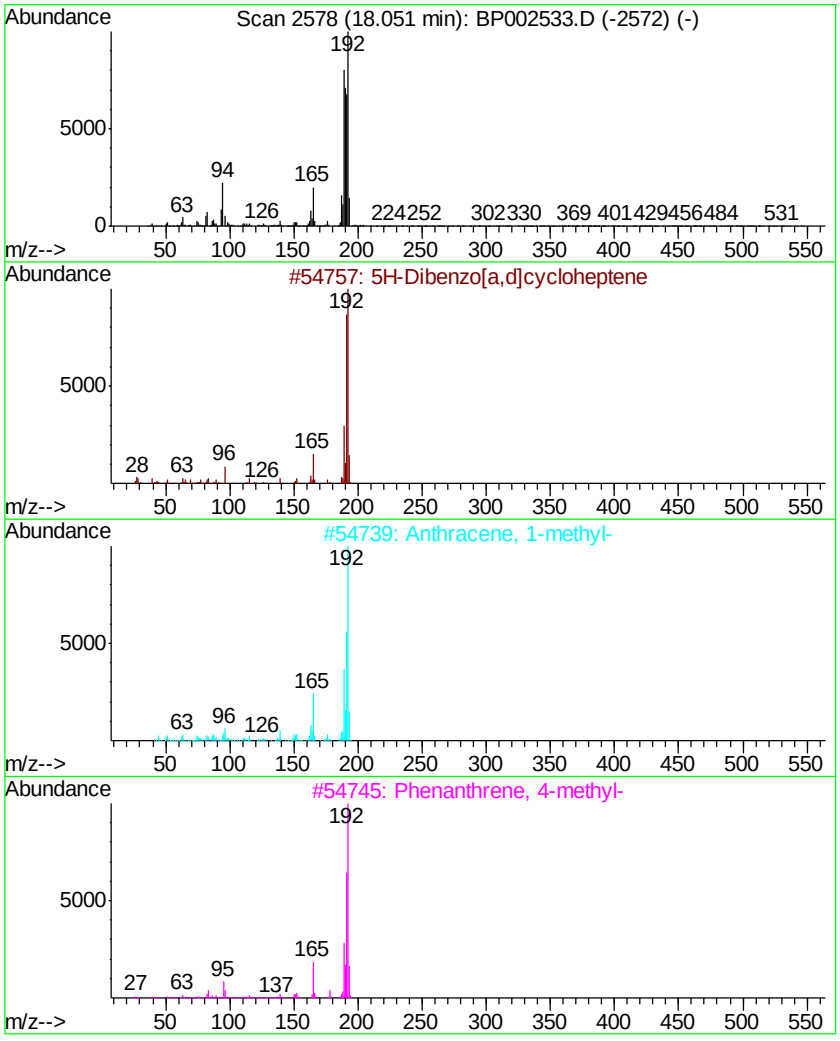
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

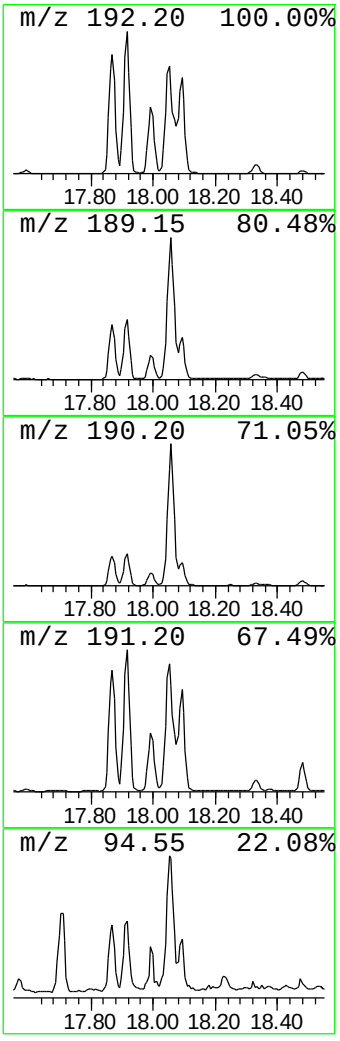
****

Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	35.21 ng	3451450	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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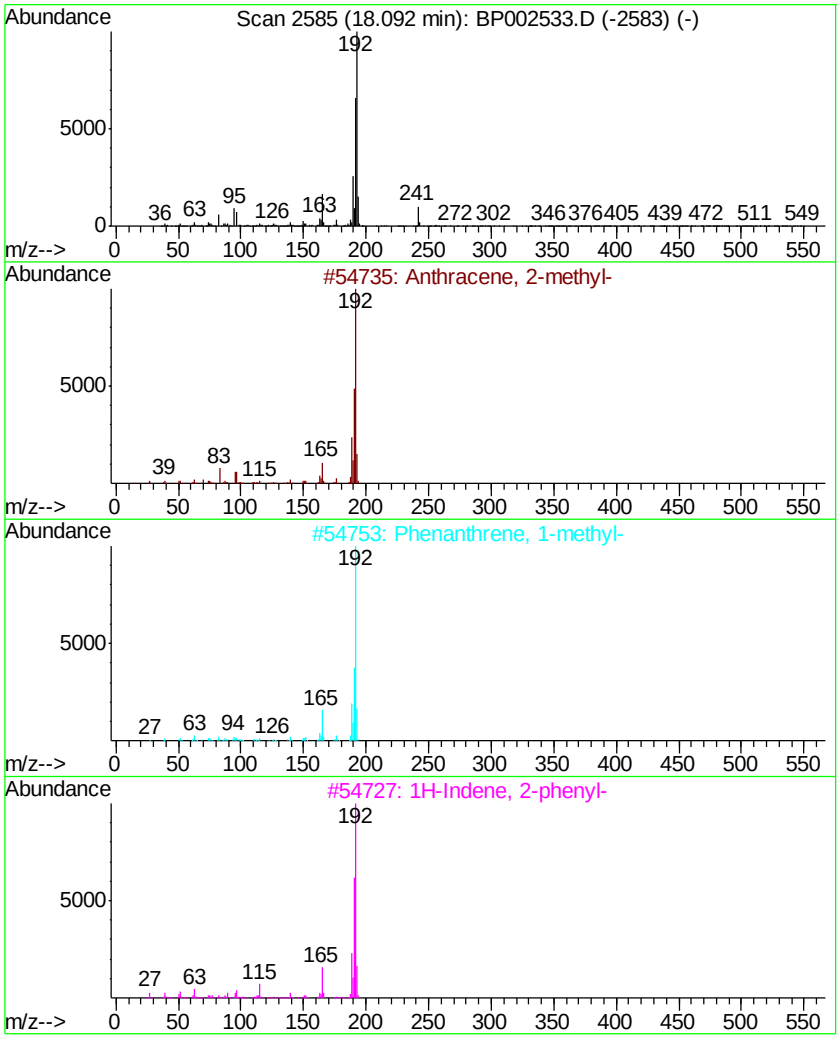
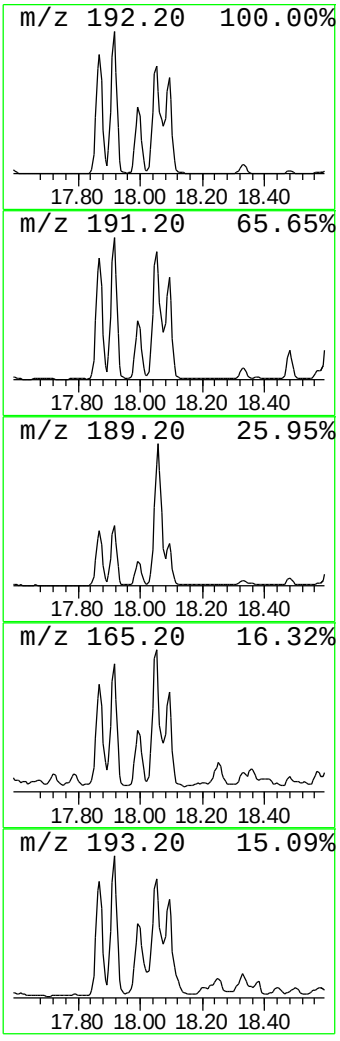
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	12.41 ng	1216440	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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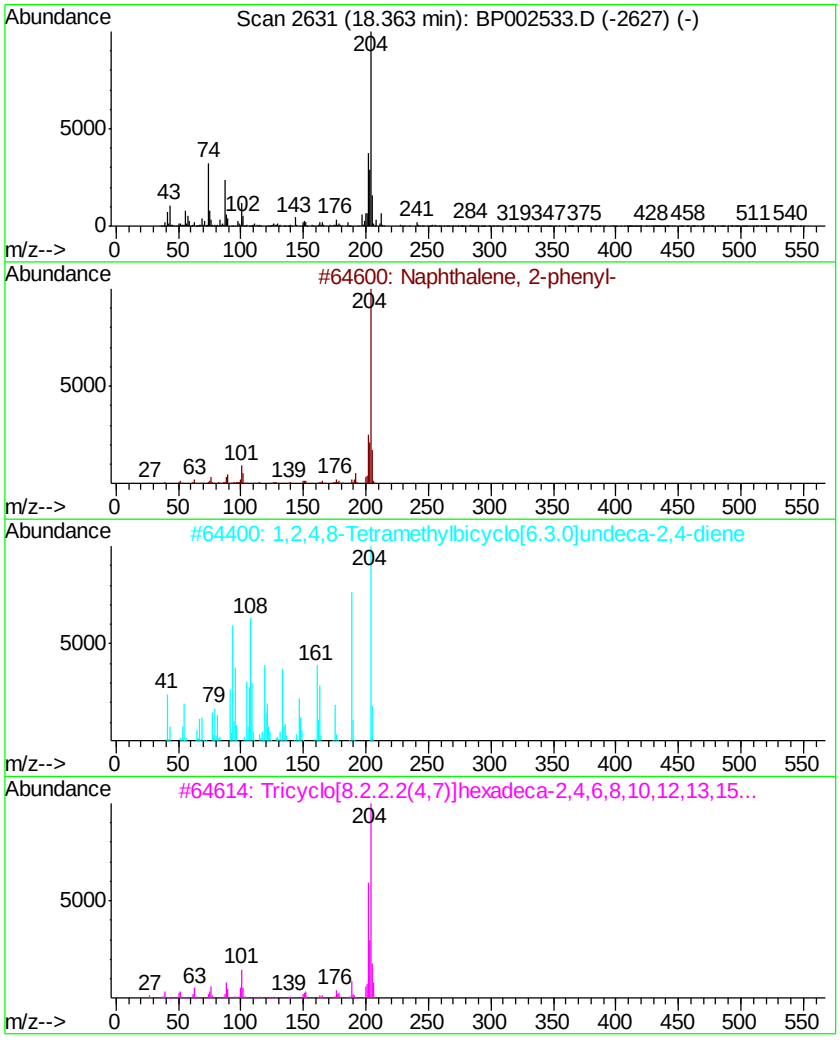
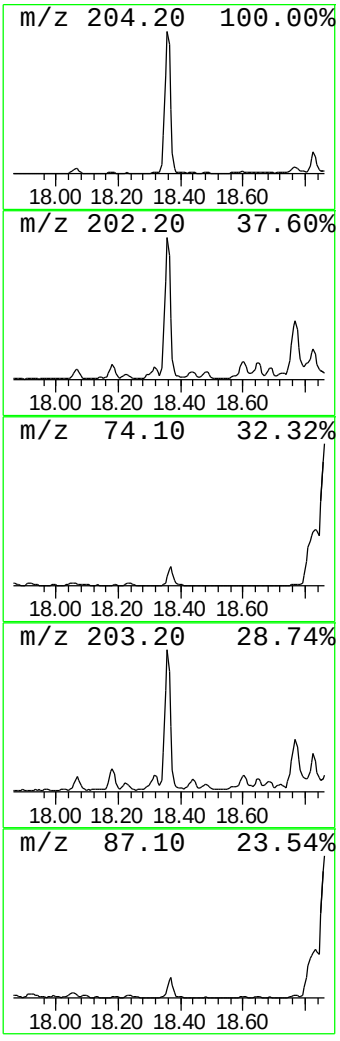
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	8.98 ng	880380	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	45





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Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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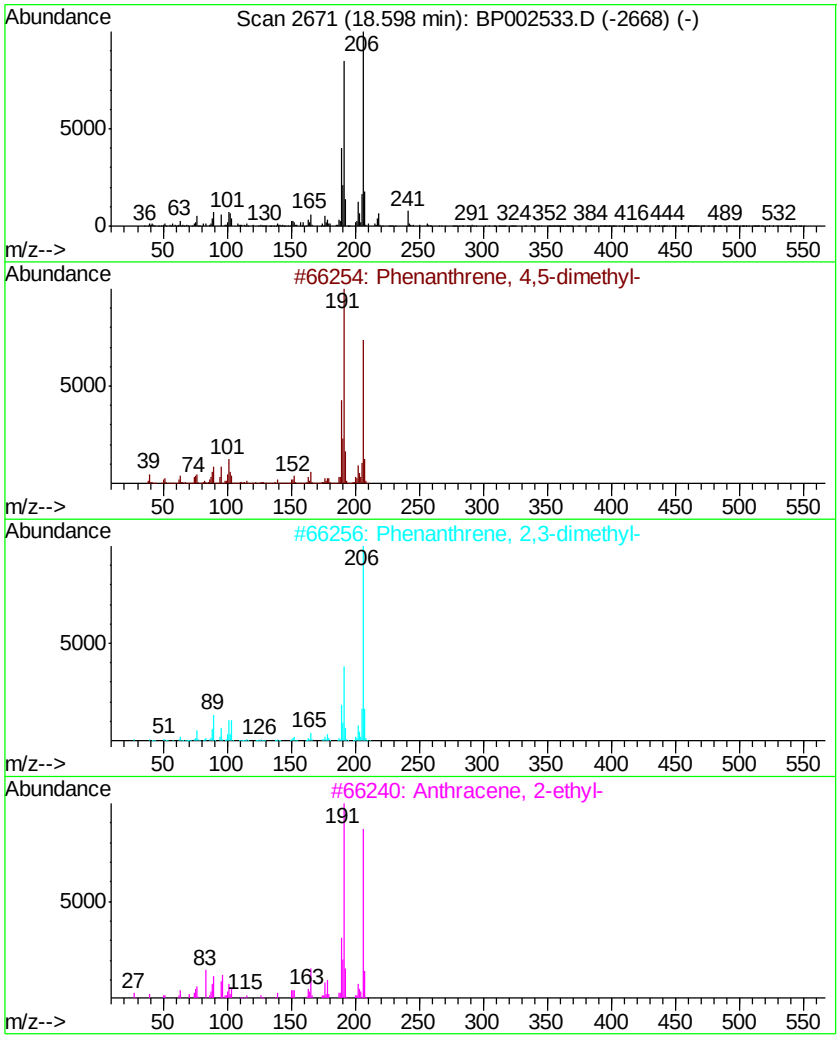
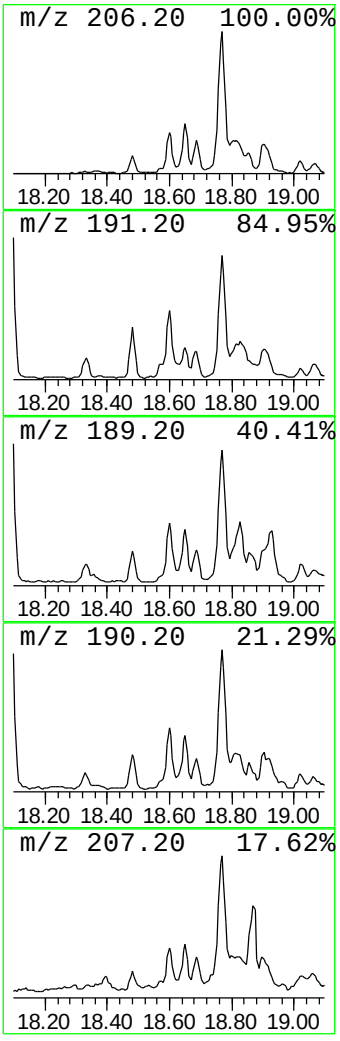
Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	5.26 ng	515684	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	72
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	68





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Data File : BP002533.D
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Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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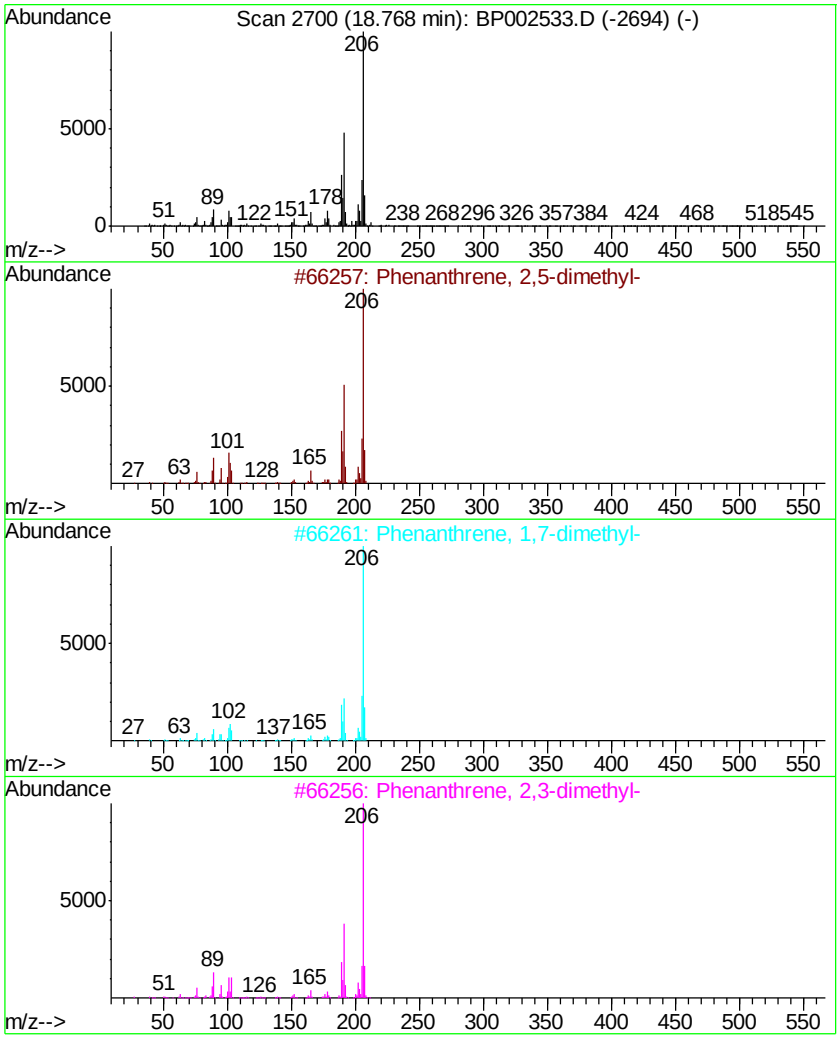
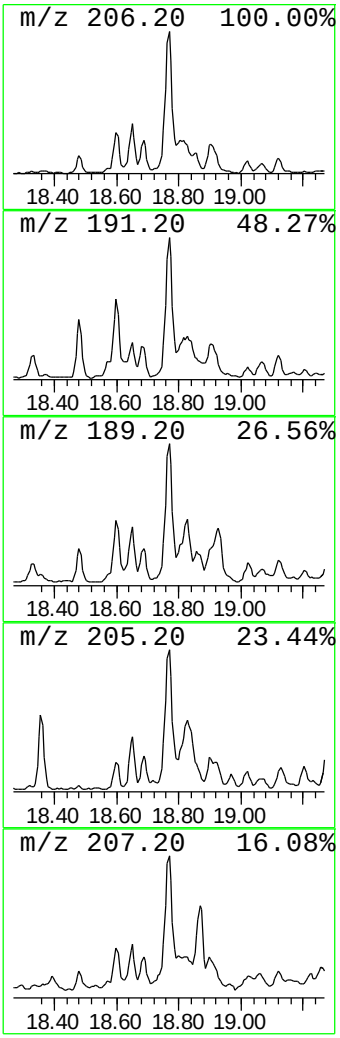
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	16.35 ng	1602570	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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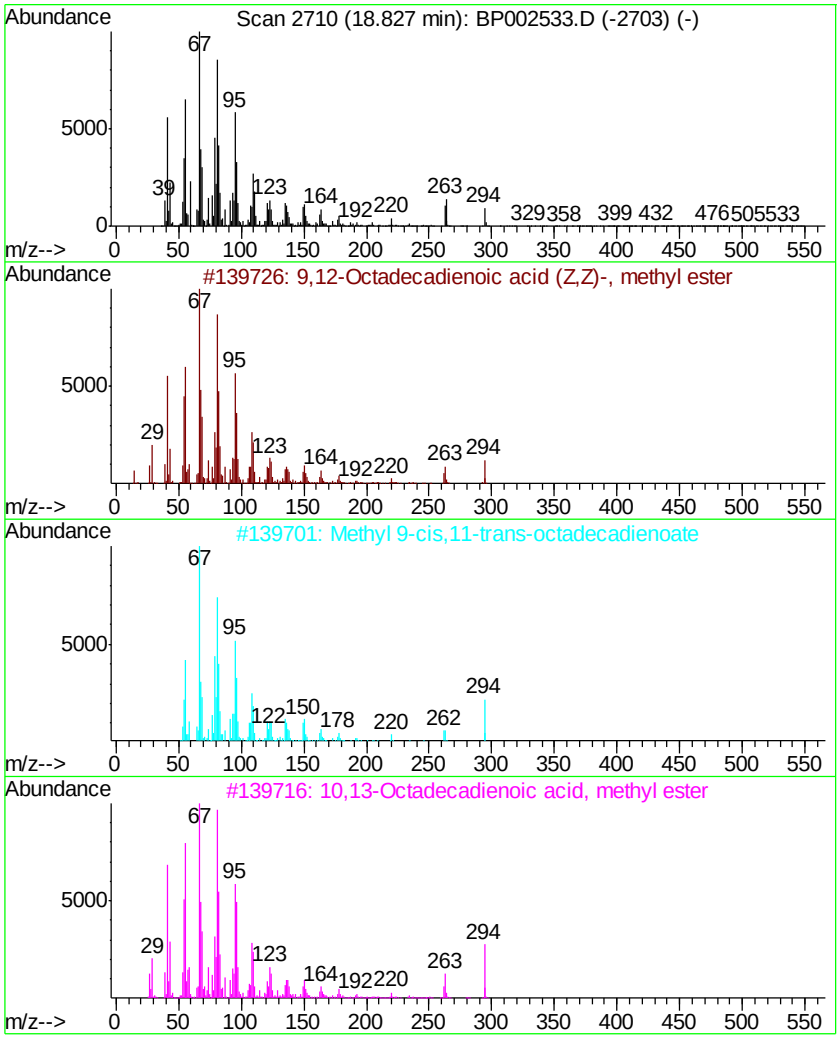
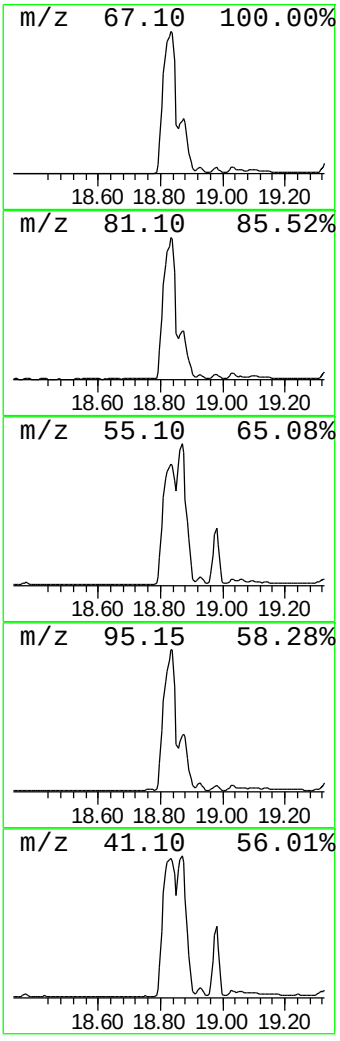
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	384.47 ng	37684700	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





Library Search Compound Report

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Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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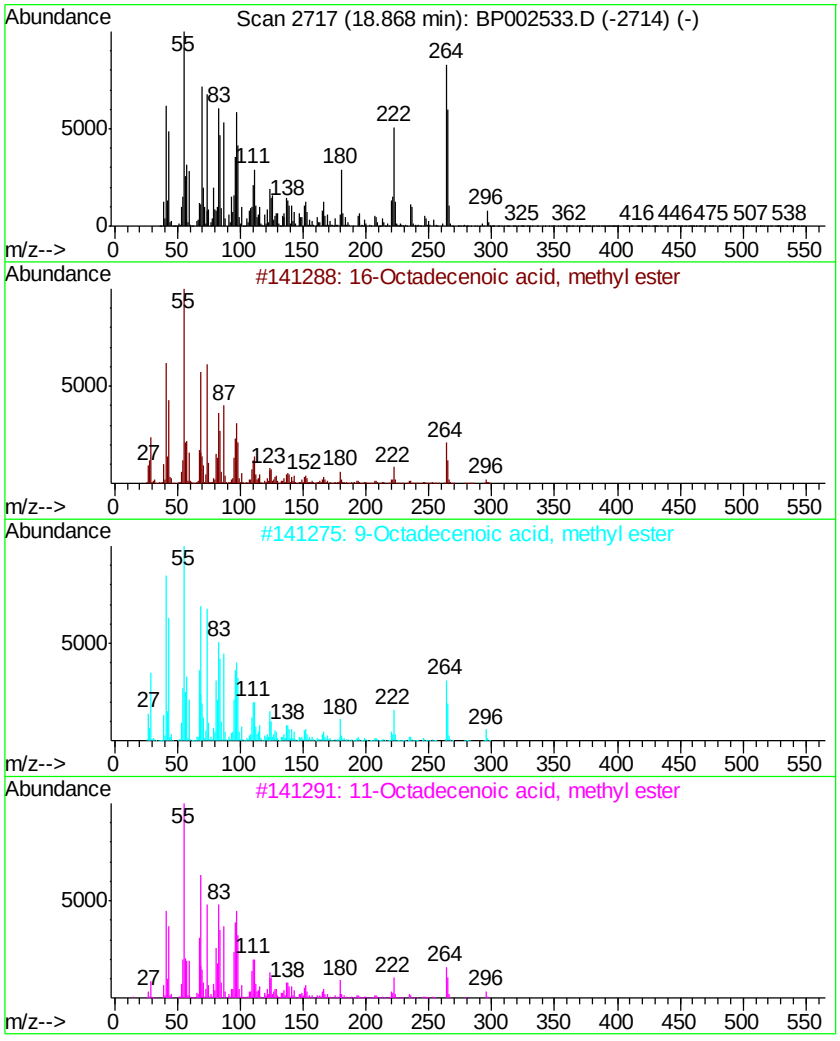
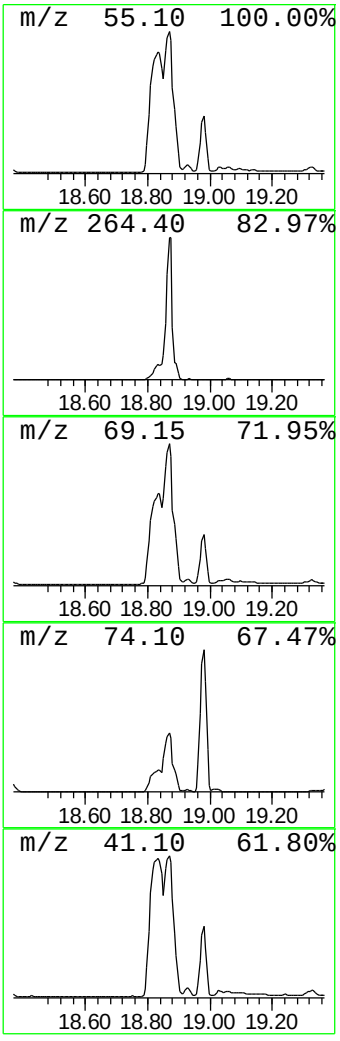
Peak Number 14 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	246.64 ng	24174500	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	89
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	89





Library Search Compound Report

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Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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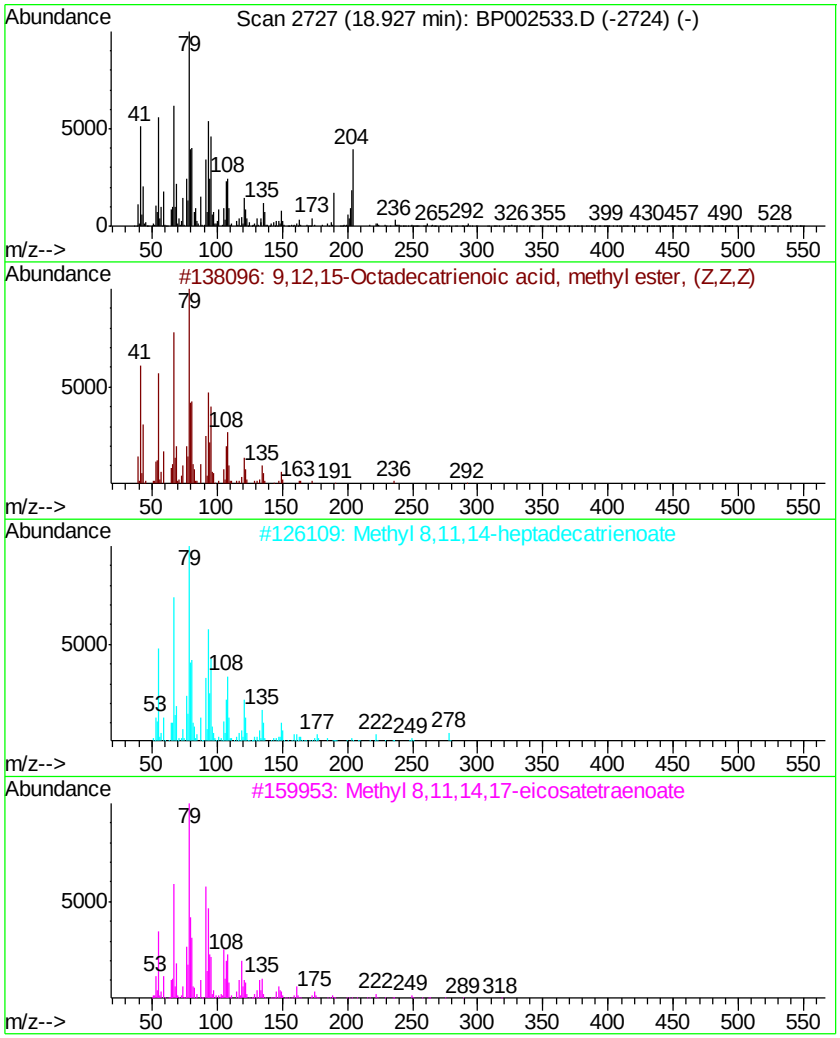
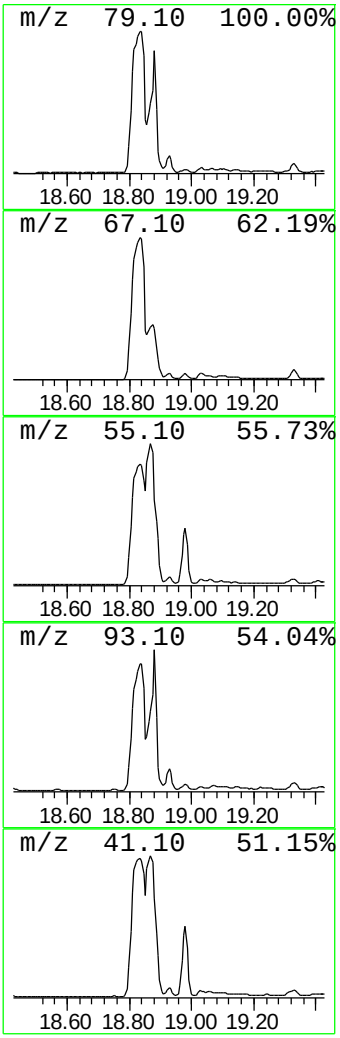
Peak Number 15 9,12,15-Octadecatrienoic ac... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	9.94 ng	974646	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	99
2	Methyl 8,11,14-heptadecatrienoate	278	C18H30O2	1000336-35-1	76
3	Methyl 8,11,14,17-eicosatetraenoate	318	C21H34O2	1000336-47-0	64
4	Methyl 7,10,13,16,19-docosapenta...	344	C23H36O2	1000336-50-8	59
5	3-Heptadecen-5-yne, (Z)-	234	C17H30	074744-55-1	53





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Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
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Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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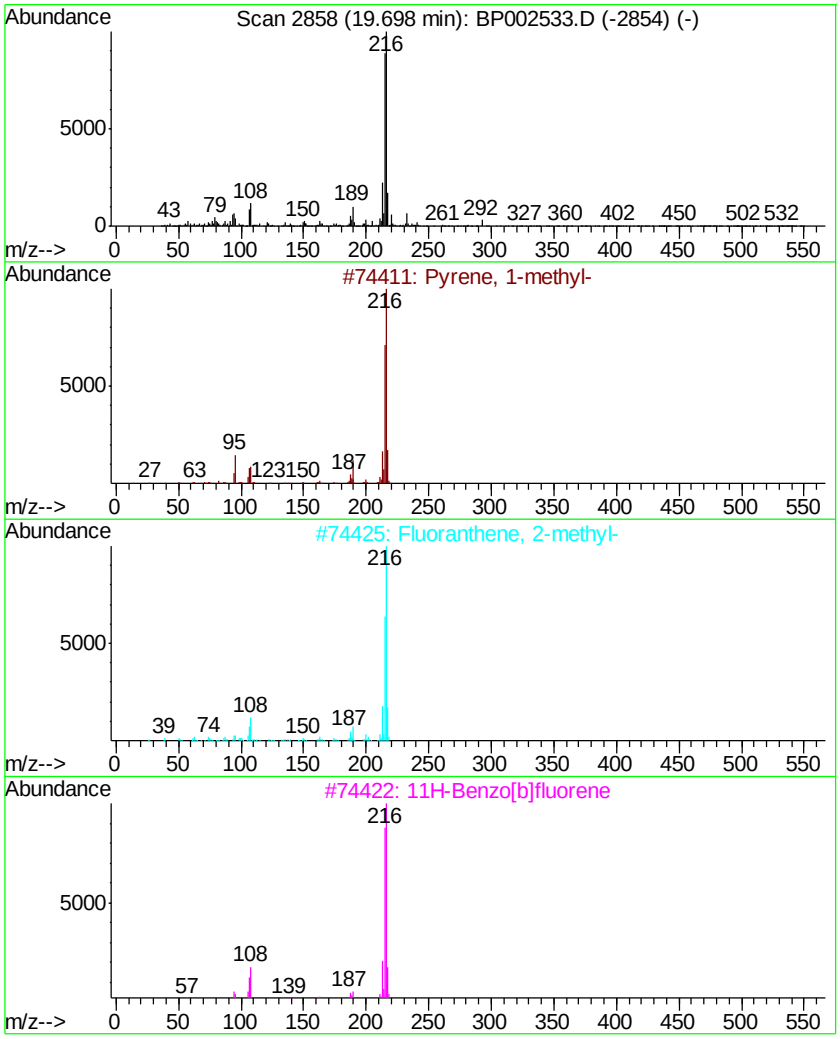
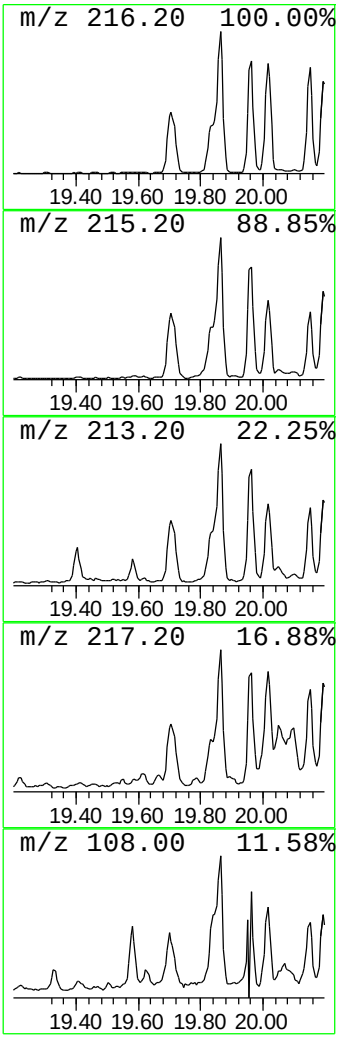
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	6.07 ng	1342290	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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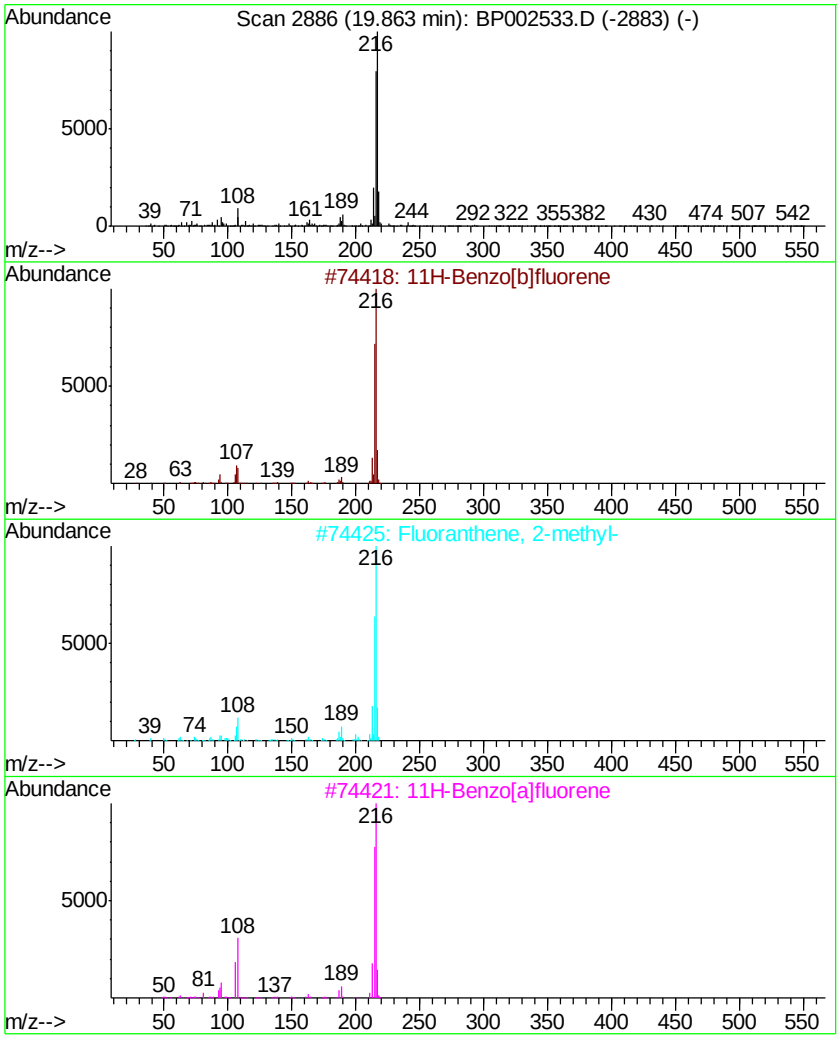
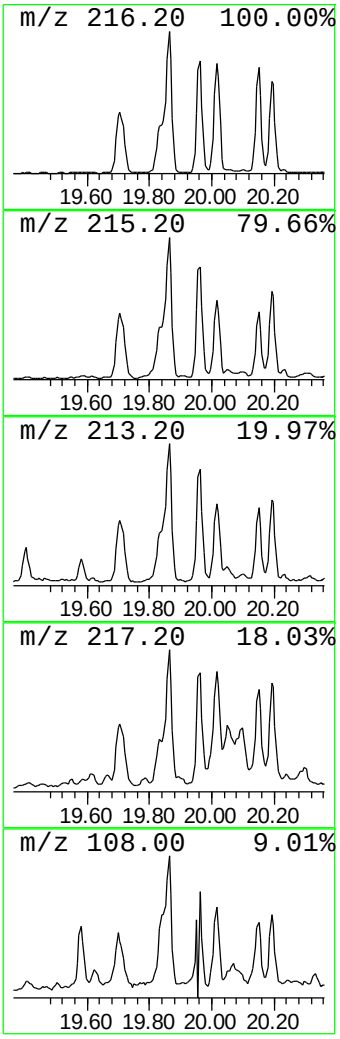
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	7.65 ng	1690970	Chrysene-d12	21.10

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	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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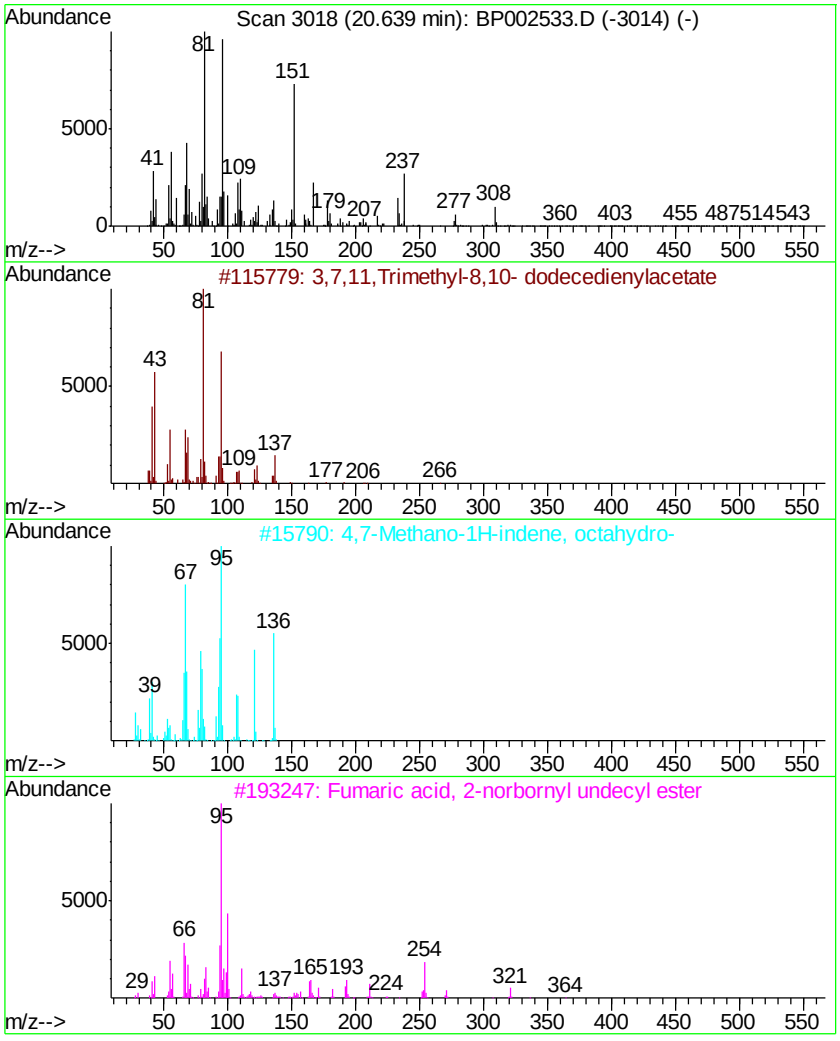
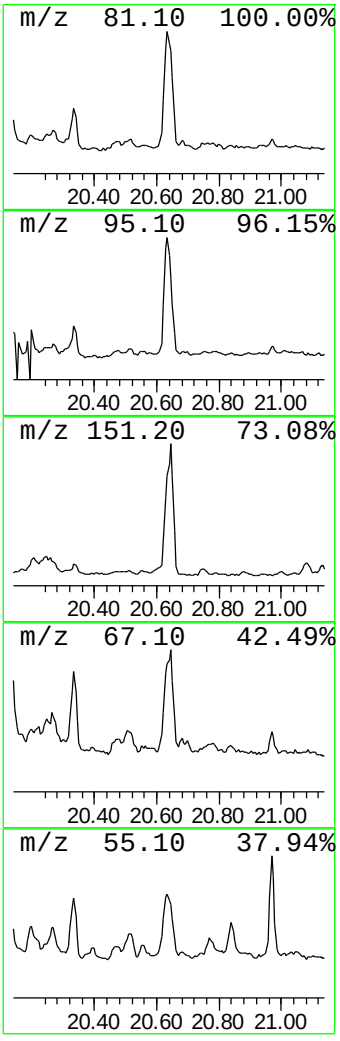
Peak Number 18 unknown20.64 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	6.62 ng	1463780	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	27
2	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	22
3	Fumaric acid, 2-norbornyl undecy...	364	C22H36O4	1000345-17-3	22
4	Fumaric acid, nonyl 2-norbornyl ...	336	C20H32O4	1000345-17-1	22
5	7,8-Epoxy-trans-syn-cis-tricyclo...	178	C12H18O	057366-09-3	15





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Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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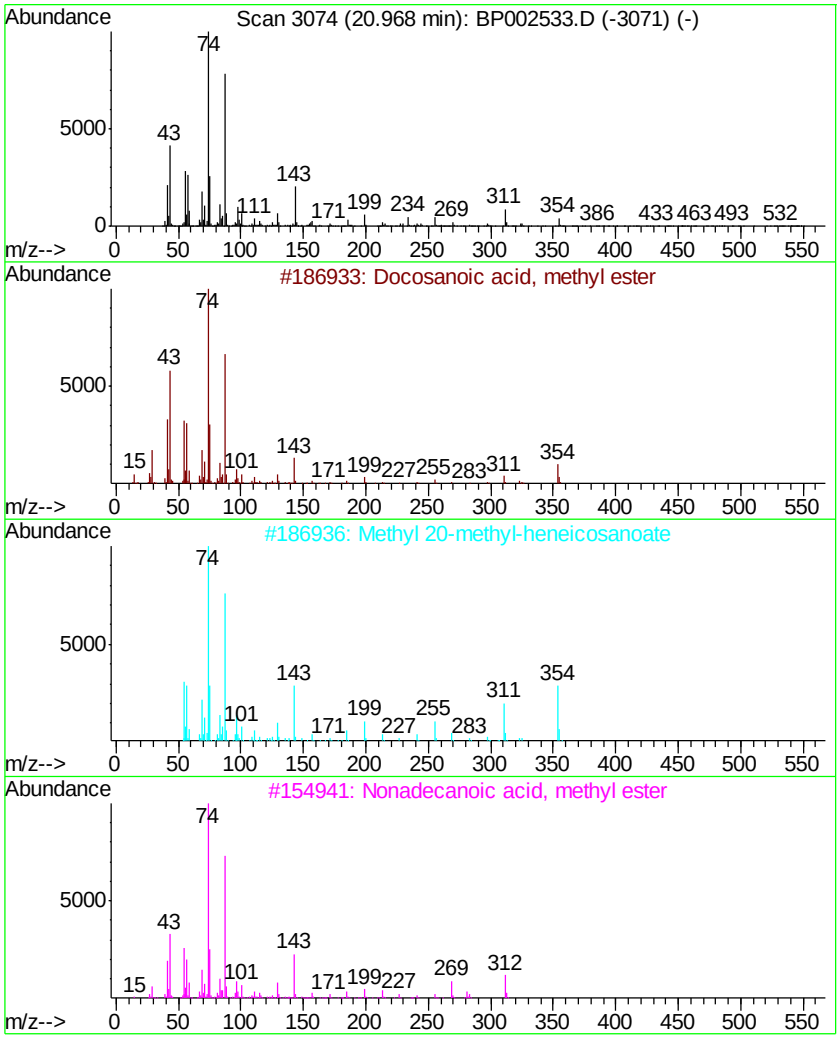
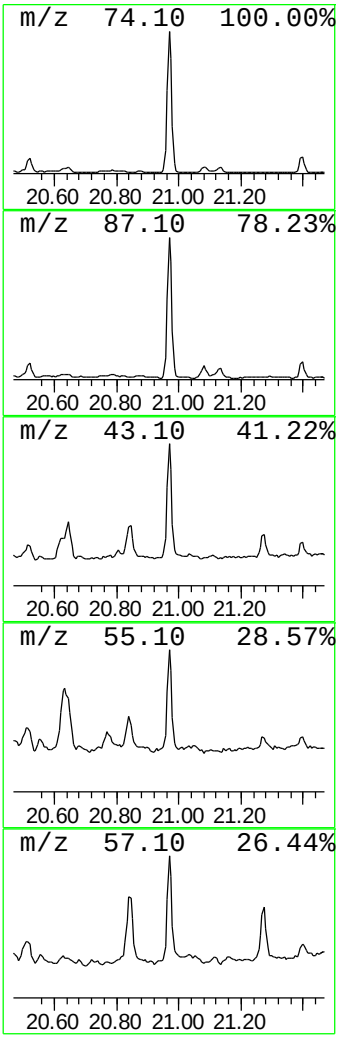
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	6.98 ng	1543200	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	97
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





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Acq On : 24 Jun 2020 20:59
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Sample : L2818-07 2X
Misc :
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ClientSampleId : TR-05-062320

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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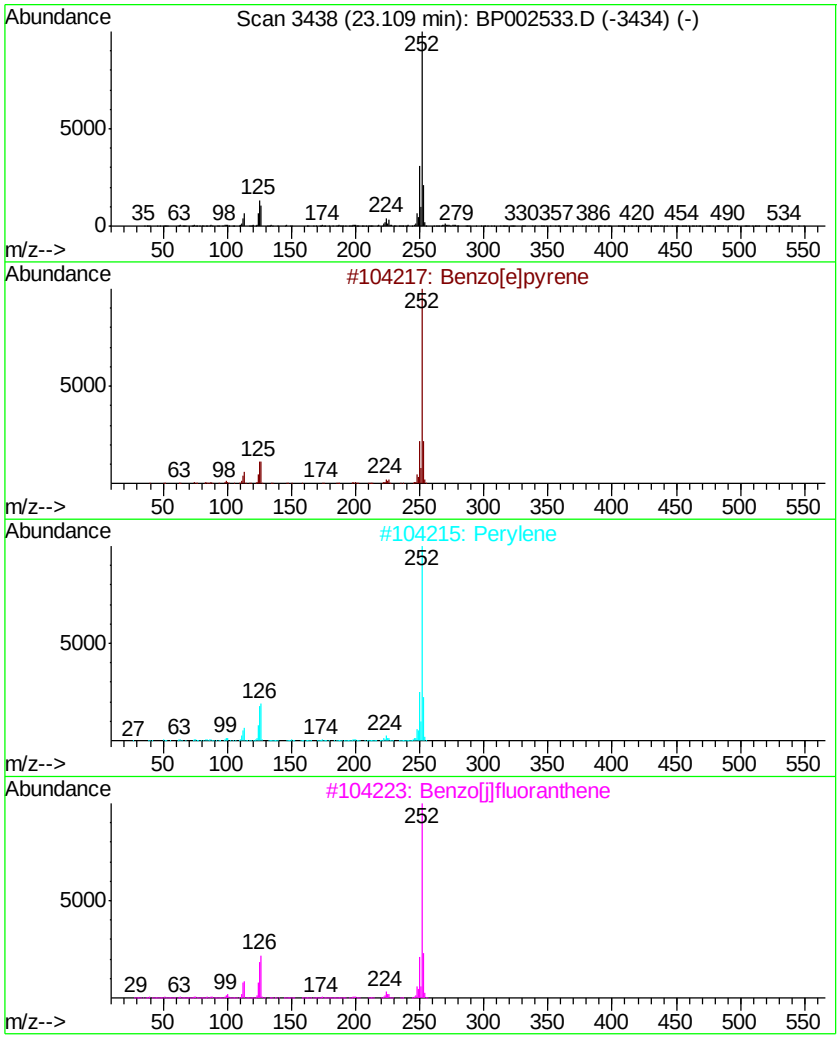
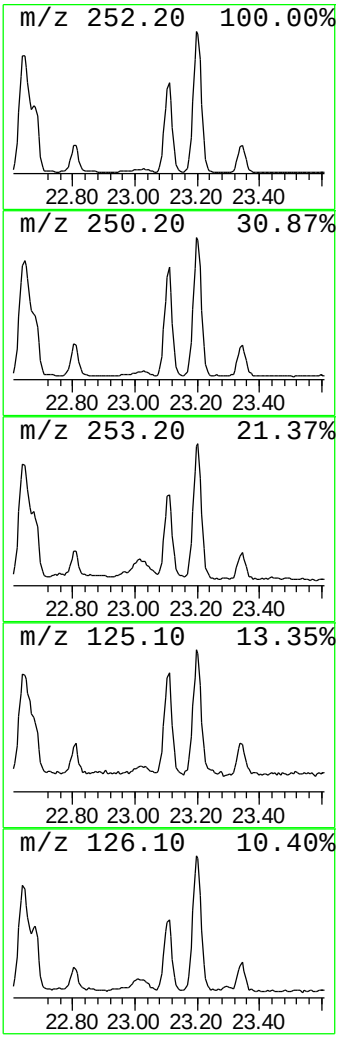
Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	13.41 ng	1006730	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP062420\
Data File : BP002533.D
Acq On : 24 Jun 2020 20:59
Operator : CG/JU
Sample : L2818-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-062320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphtho[1,2-b]thi...	16.80	5.1	ng	503506	4	16.99	1960330	20.0
1-Methyldibenzoth...	17.57	10.1	ng	990224	4	16.99	1960330	20.0
Hexadecanoic acid...	17.71	159.0	ng	15582100	4	16.99	1960330	20.0
Phenanthrene, 2-m...	17.87	17.9	ng	1756150	4	16.99	1960330	20.0
Phenanthrene, 1-m...	17.92	23.8	ng	2329120	4	16.99	1960330	20.0
1H-Cyclopropa[l]p...	17.99	9.9	ng	968413	4	16.99	1960330	20.0
5H-Dibenzo[a,d]cy...	18.05	35.2	ng	3451450	4	16.99	1960330	20.0
Anthracene, 2-met...	18.09	12.4	ng	1216440	4	16.99	1960330	20.0
Naphthalene, 2-ph...	18.36	9.0	ng	880380	4	16.99	1960330	20.0
Phenanthrene, 4,5...	18.60	5.3	ng	515684	4	16.99	1960330	20.0
Phenanthrene, 2,5...	18.77	16.4	ng	1602570	4	16.99	1960330	20.0
9,12-Octadecadien...	18.83	384.5	ng	37684700	4	16.99	1960330	20.0
16-Octadecenoic a...	18.87	246.6	ng	24174500	4	16.99	1960330	20.0
9,12,15-Octadecat...	18.93	9.9	ng	974646	4	16.99	1960330	20.0
Pyrene, 1-methyl-	19.70	6.1	ng	1342290	5	21.10	4420330	20.0
11H-Benzo[b]fluorene	19.86	7.7	ng	1690970	5	21.10	4420330	20.0
unknown20.64	20.64	6.6	ng	1463780	5	21.10	4420330	20.0
Docosanoic acid, ...	20.97	7.0	ng	1543200	5	21.10	4420330	20.0
Benzo[e]pyrene	23.11	13.4	ng	1006730	6	23.30	1501070	20.0