LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

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-BP052720.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	5.228	391	398	408	rBV	3808461	5525558	51.10%	5.369%
2	6.799	658	665	679	rBV	3622359	5777879	53.43%	5.615%
3	6.910	679	684	693	rVB	63427	113252	1.05%	0.110%
4	7.610	793	803	812	rBV	1115698	1736409	16.06%	1.687%
5	7.928	849	857	866	rBV	3441784	5473728	50.62%	5.319%
6	8.751	984	997	1012	rBV	2549938	4220891	39.04%	4.102%
7	10.381	1265	1274	1281	rBV	1419886	2395059	22.15%	2.327%
8	12.875	1691	1698	1715	rBV	5723162	8897886	82.29%	8.646%
9	13.581	1810	1818	1823	rBV	55948	111800	1.03%	0.109%
10	13.716	1834	1841	1850	rBV	888243	1282518	11.86%	1.246%
11	13.975	1880	1885	1892	rVB2	74847	124152	1.15%	0.121%
12	14.257	1926	1933	1939	rBV2	2017417	3107224	28.74%	3.019%
13	14.316	1939	1943	1952	rVB	181382	282438	2.61%	0.274%
14	14.657	1996	2001	2007	rBV2	92509	151068	1.40%	0.147%
15	15.310	2107	2112	2118	rBV	203729	292927	2.71%	0.285%
16	15.757	2181	2188	2197	rBV	3974182	6296206	58.23%	6.118%
17	16.322	2275	2284	2289	rBV4	51228	118542	1.10%	0.115%
18	16.669	2338	2343	2352	rVB	66308	133765	1.24%	0.130%
19	16.828	2366	2370	2375	rVB	109552	162066	1.50%	0.157%
20	17.016	2396	2402	2405	rBV	2378416	3423640	31.66%	3.327%
21	17.057	2405	2409	2415	rVV	2188381	3086508	28.54%	2.999%
22	17.145	2419	2424	2428	rVV	586268	823180	7.61%	0.800%
23	17.180	2428	2430	2441	rVB4	180062	325647	3.01%	0.316%
24	17.416	2466	2470	2476	rVB	109324	153737	1.42%	0.149%
25	17.892	2545	2551	2555	rBV	344300	492490	4.55%	0.479%
26	17.939	2555	2559	2567	rVV	588560	826578	7.64%	0.803%
27	18.016	2567	2572	2576	rVV	154217	234906	2.17%	0.228%
28	18.075	2577	2582	2586	rVV2	532006	884877	8.18%	0.860%
29	18.116	2586	2589	2594	rVB	228846	305317	2.82%	0.297%
30	18.380	2630	2634	2637	rBV	222494	289849	2.68%	0.282%
31	18.410	2637	2639	2646	rVB2	160459	199802	1.85%	0.194%
32	18.704	2686	2689	2694	rVB	84188	115118	1.06%	0.112%
33	18.786	2699	2703	2708	rVV	227823	353097	3.27%	0.343%
34	18.851	2709	2714	2717	rVV3	158641	278209	2.57%	0.270%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

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-BP052720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.916	2721	2725	2734	rVB3	152410	307823	2.85%	0.299%
36	19.004	2737	2740	2742	rVV	167552	219565	2.03%	0.213%
37	19.039	2742	2746	2752	rVB	3689976	4781007	44.22%	4.646%
38	19.274	2783	2786	2792	rVB2	105613	128195	1.19%	0.125%
39	19.392	2797	2806	2814	rBV	3352183	5430735	50.22%	5.277%
40	19.463	2815	2818	2826	rVB2	140876	277946	2.57%	0.270%
41	19.604	2833	2842	2852	rVB	7855194	10813067	100.00%	10.508%
42	19.721	2856	2862	2866	rBV3	192602	419266	3.88%	0.407%
43	19.851	2879	2884	2885	rBV3	164261	238923	2.21%	0.232%
44	19.880	2885	2889	2894	rVB2	486828	664593	6.15%	0.646%
45	19.980	2902	2906	2909	rBV	336894	425075	3.93%	0.413%
46	20.033	2911	2915	2919	rVV2	324948	425925	3.94%	0.414%
47	20.169	2935	2938	2942	rBV	182203	224533	2.08%	0.218%
48	20.210	2942	2945	2950	rBV2	191683	279265	2.58%	0.271%
49	20.286	2956	2958	2961	rVB2	157051	142299	1.32%	0.138%
50	20.421	2978	2981	2984	rBV2	145346	169622	1.57%	0.165%
51	20.604	3010	3012	3019	rVB	181759	289648	2.68%	0.281%
52	20.810	3044	3047	3050	rBV	244052	273427	2.53%	0.266%
53	20.863	3050	3056	3060	rBV4	662488	1162147	10.75%	1.129%
54	21.063	3087	3090	3093	rBV2	186429	245817	2.27%	0.239%
55	21.116	3093	3099	3103	rVV2	3202502	6166465	57.03%	5.992%
56	21.151	3103	3105	3113	rVB	1496646	1908745	17.65%	1.855%
57	21.268	3122	3125	3128	rBV	313836	379104	3.51%	0.368%
58	22.668	3358	3363	3368	rBV	1294356	2875077	26.59%	2.794%
59	23.139	3438	3443	3452	rVB2	805557	1572170	14.54%	1.528%
60	23.233	3454	3459	3464	rBV	1184124	2029797	18.77%	1.972%
61	23.333	3470	3476	3481	rBV	1663024	3061216	28.31%	2.975%

Sum of corrected areas: 102907775

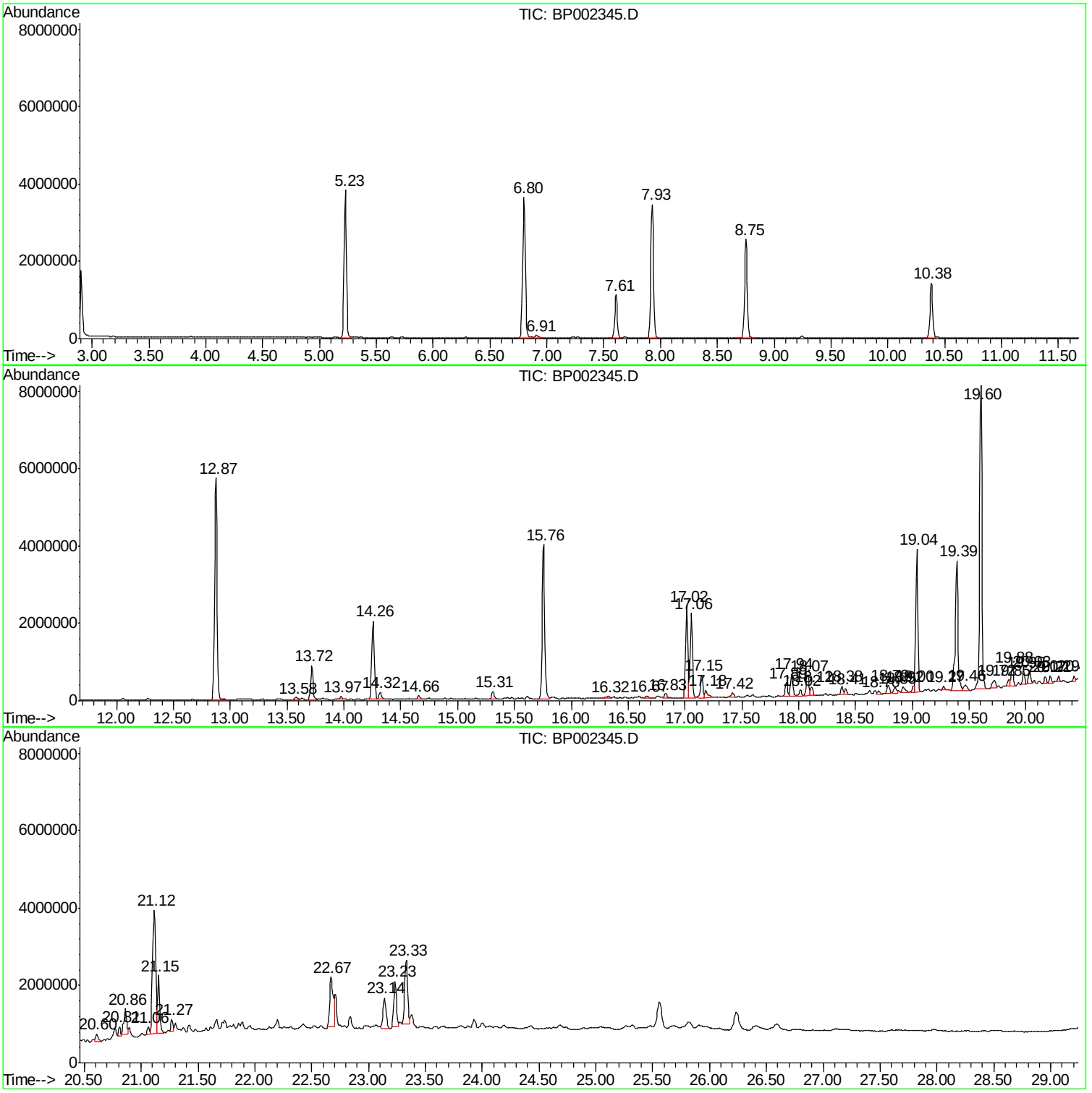
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

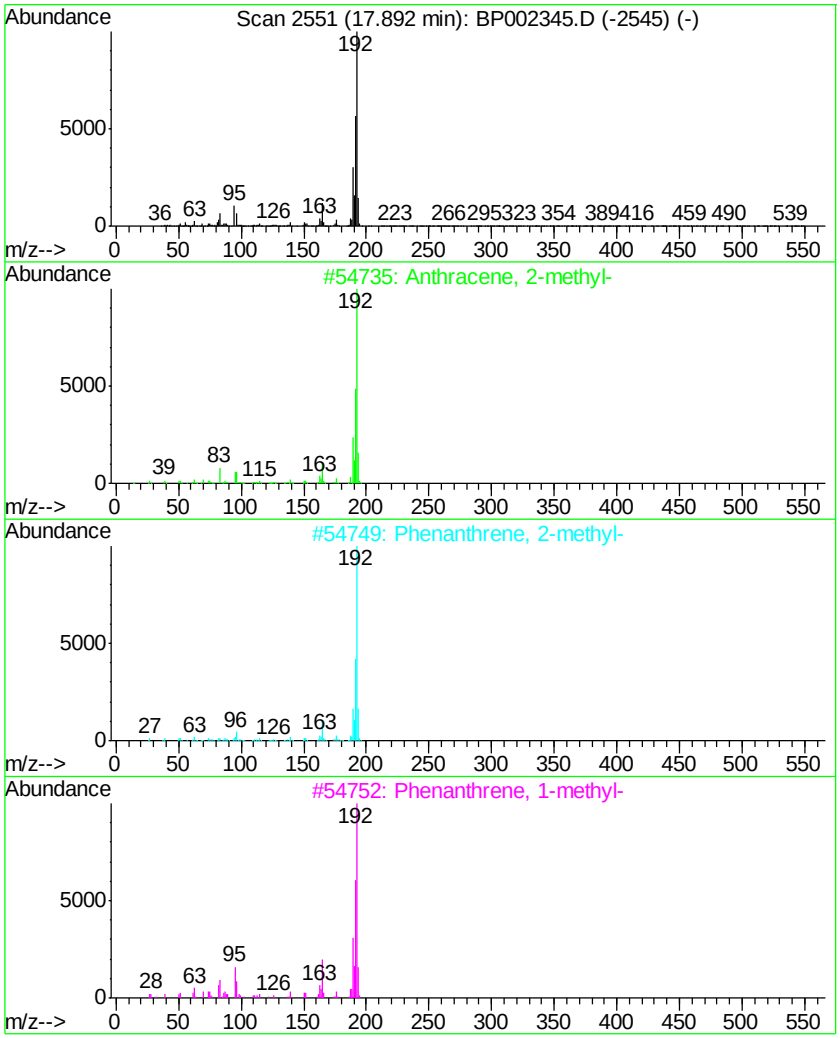
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

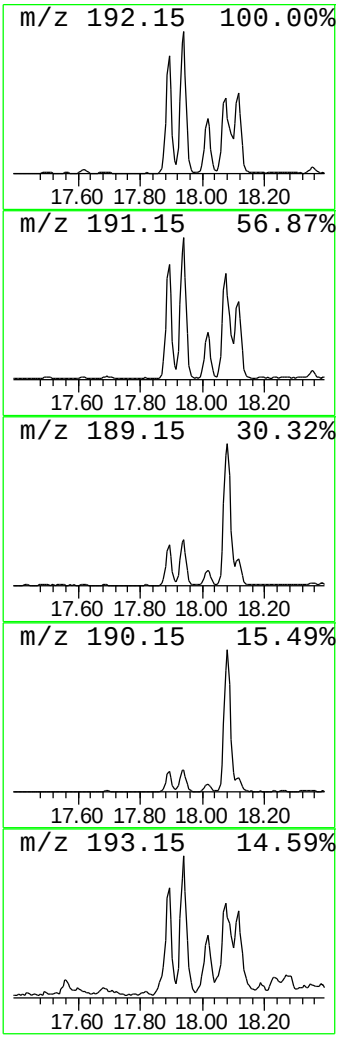
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.88 ng	492490	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

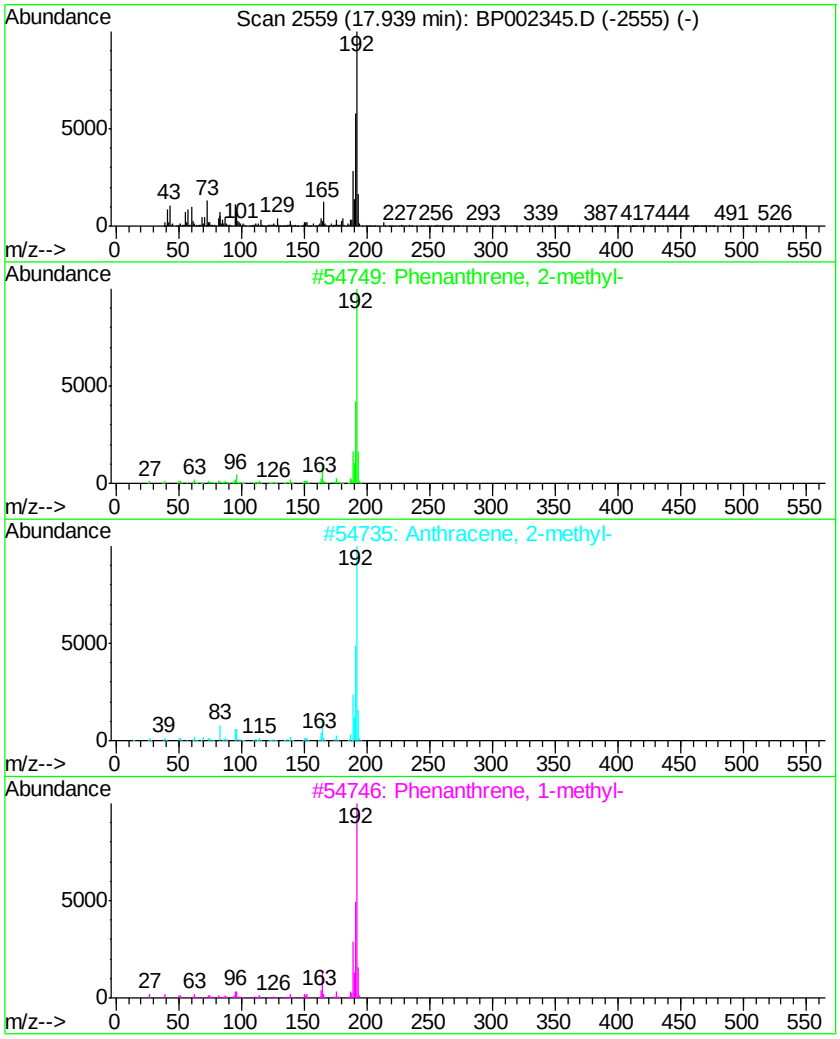
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

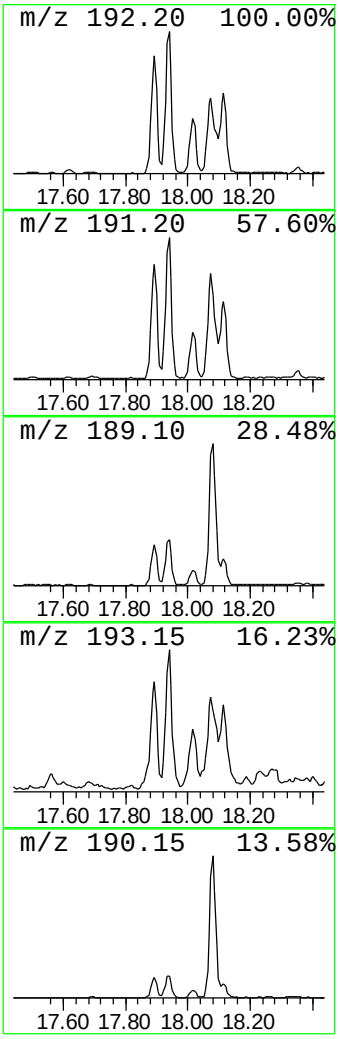
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.83 ng	826578	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

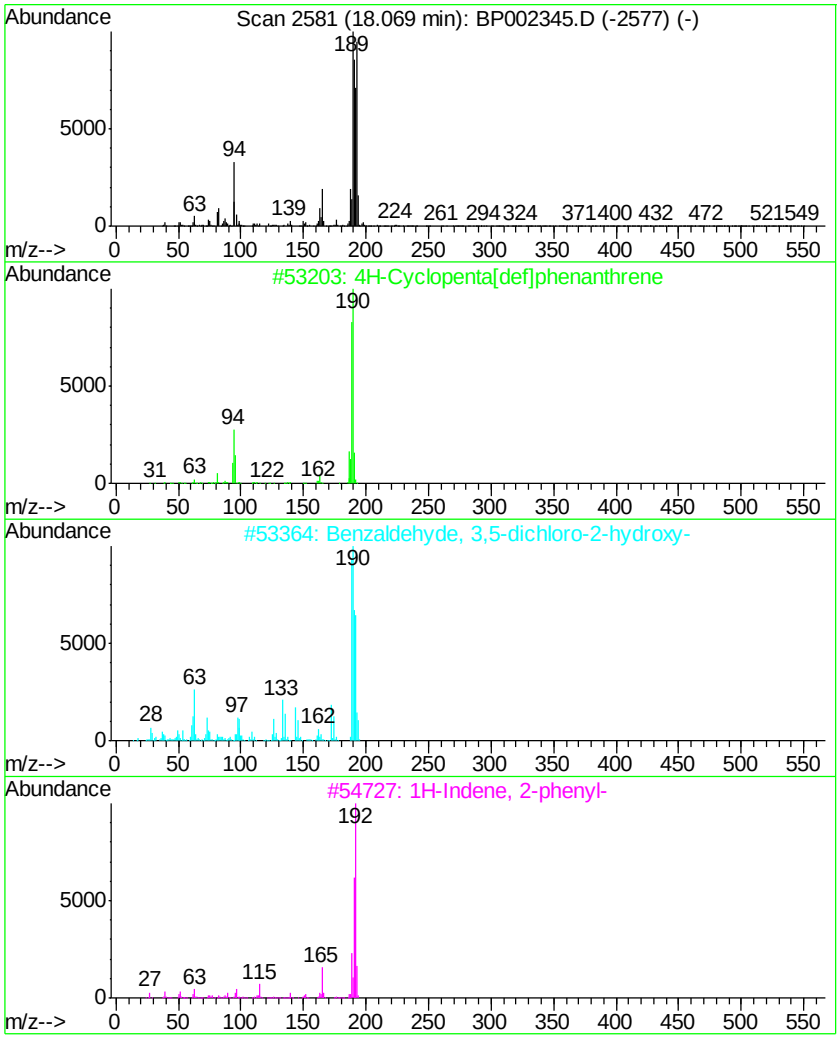
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

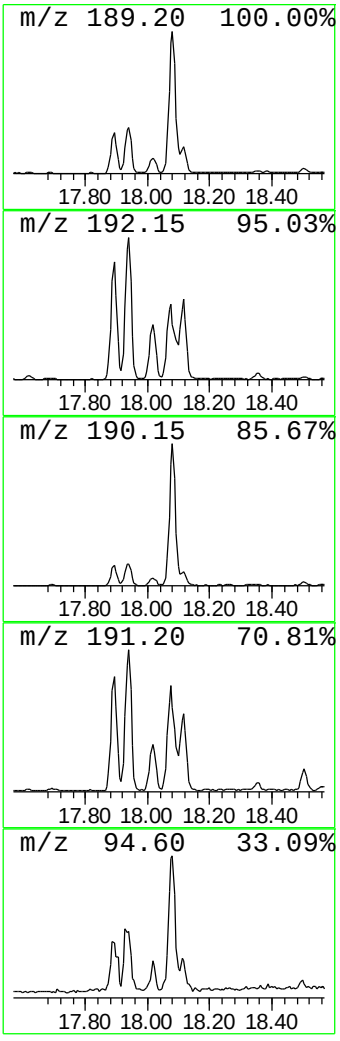
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.17 ng	884877	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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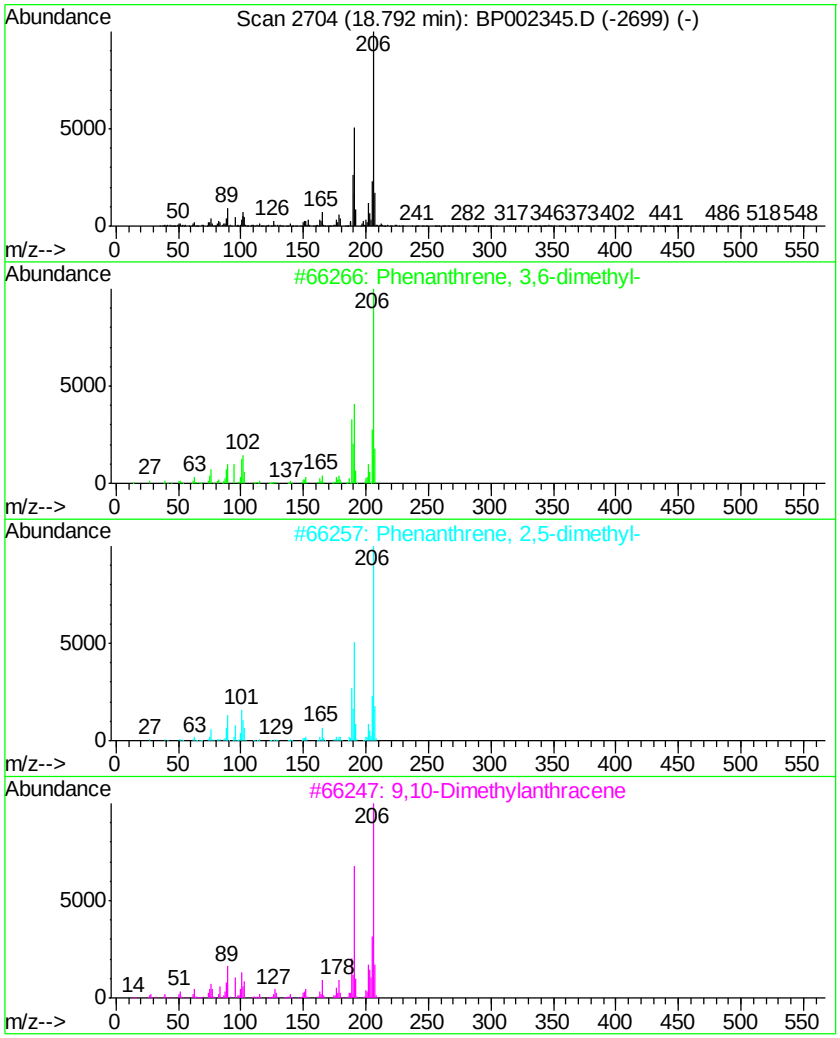
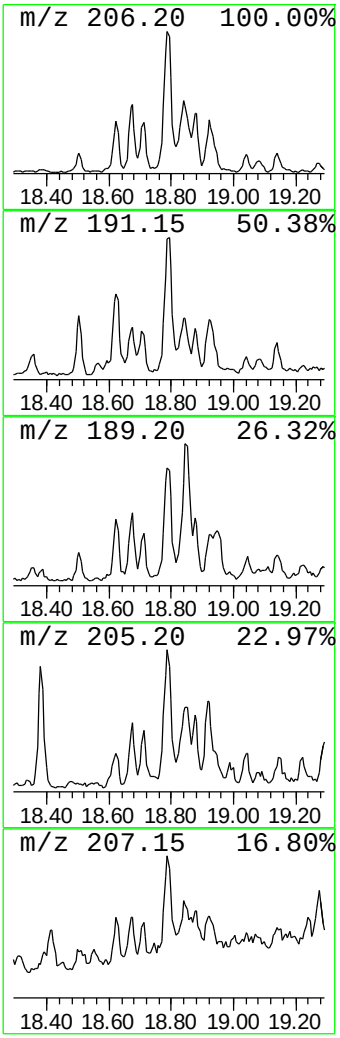
Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.06 ng	353097	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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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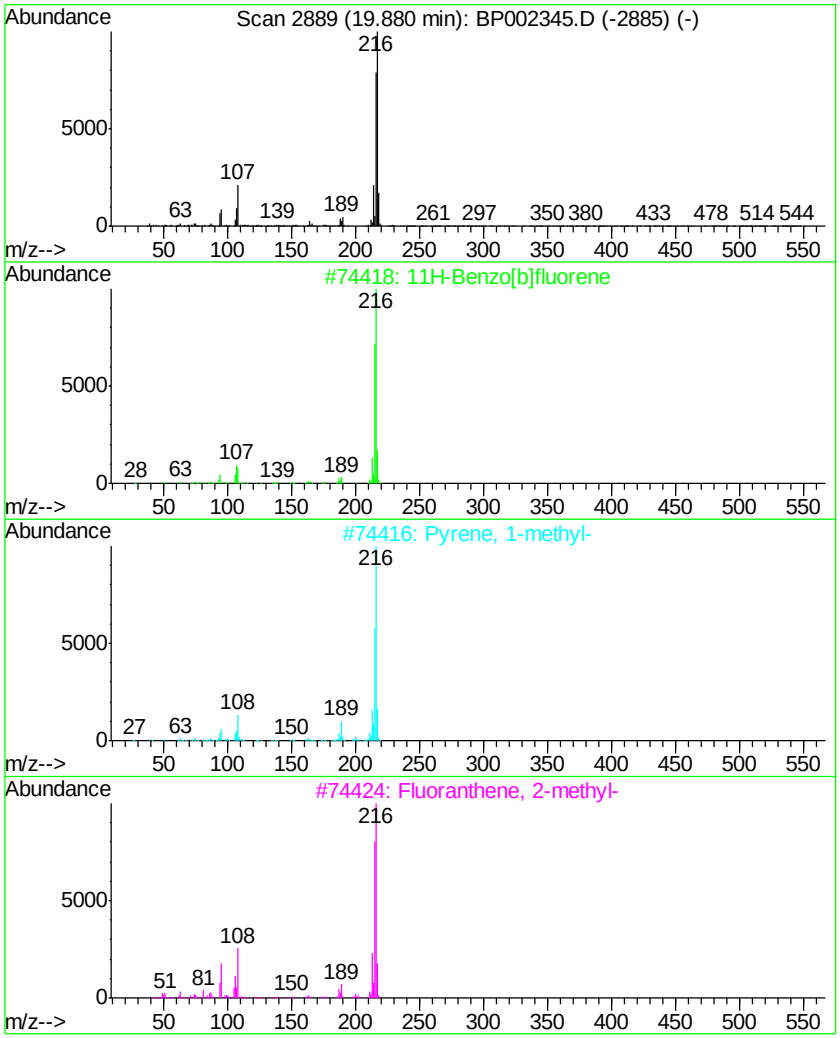
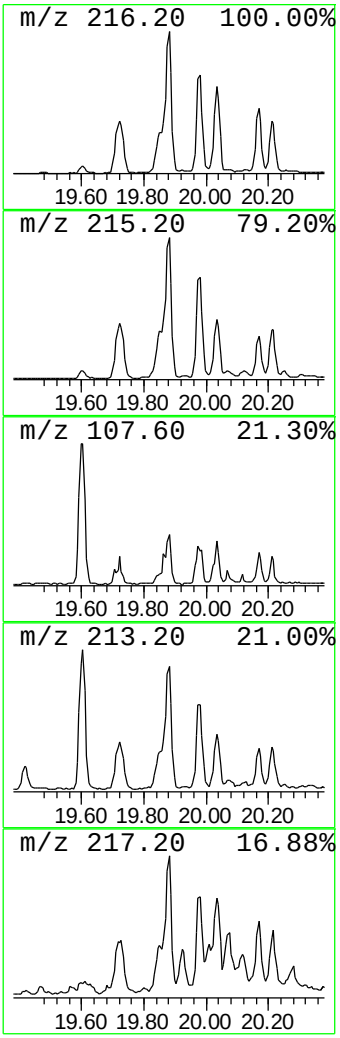
Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.16 ng	664593	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

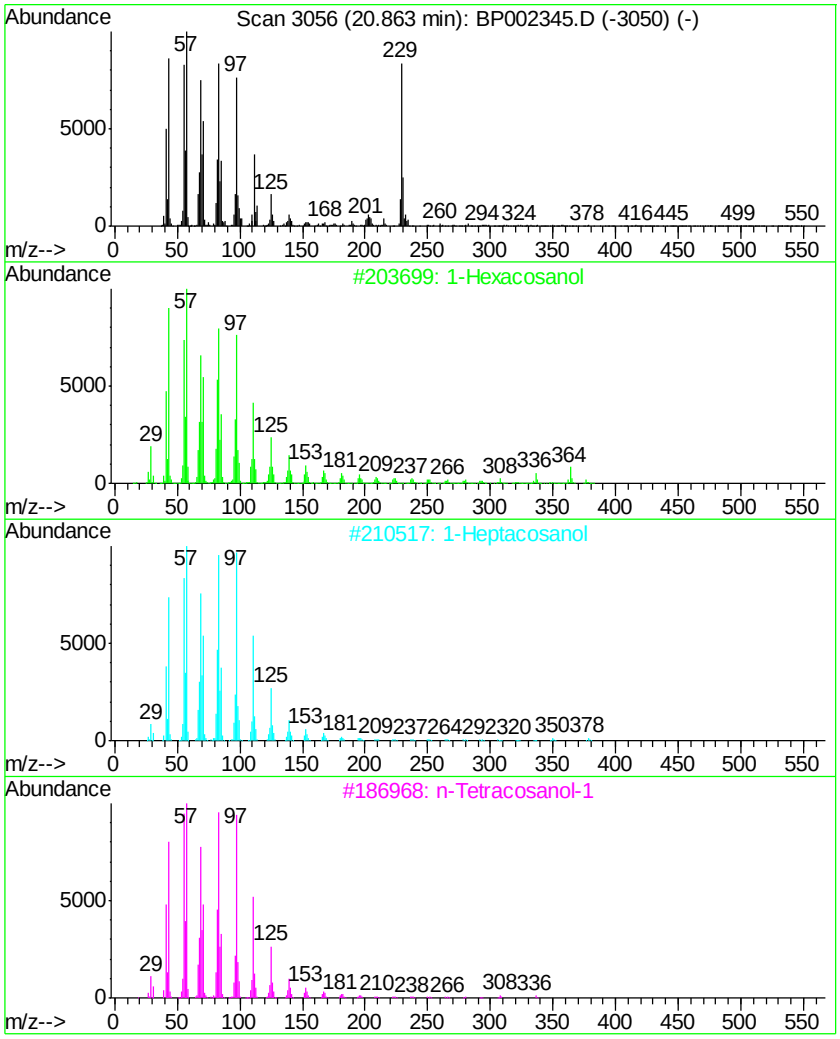
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

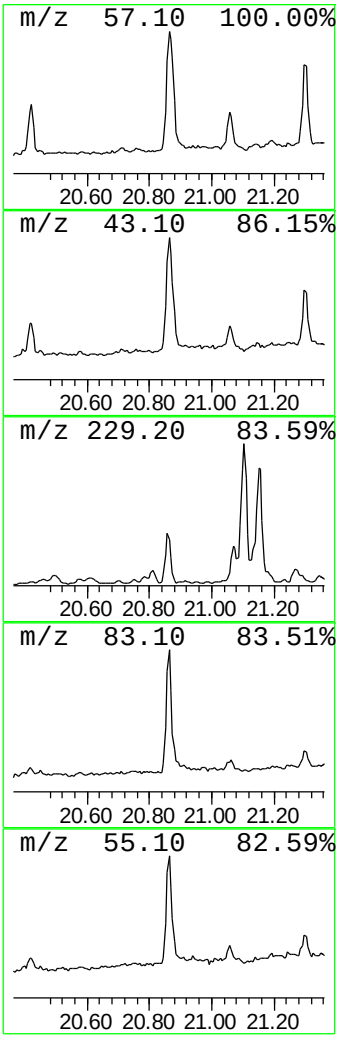
****

Peak Number 7 1-Hexacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.77 ng	1162150	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	89
2	1-Heptacosanol	396	C27H56O	002004-39-9	89
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	86
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	76
5	Behenic alcohol	326	C22H46O	000661-19-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

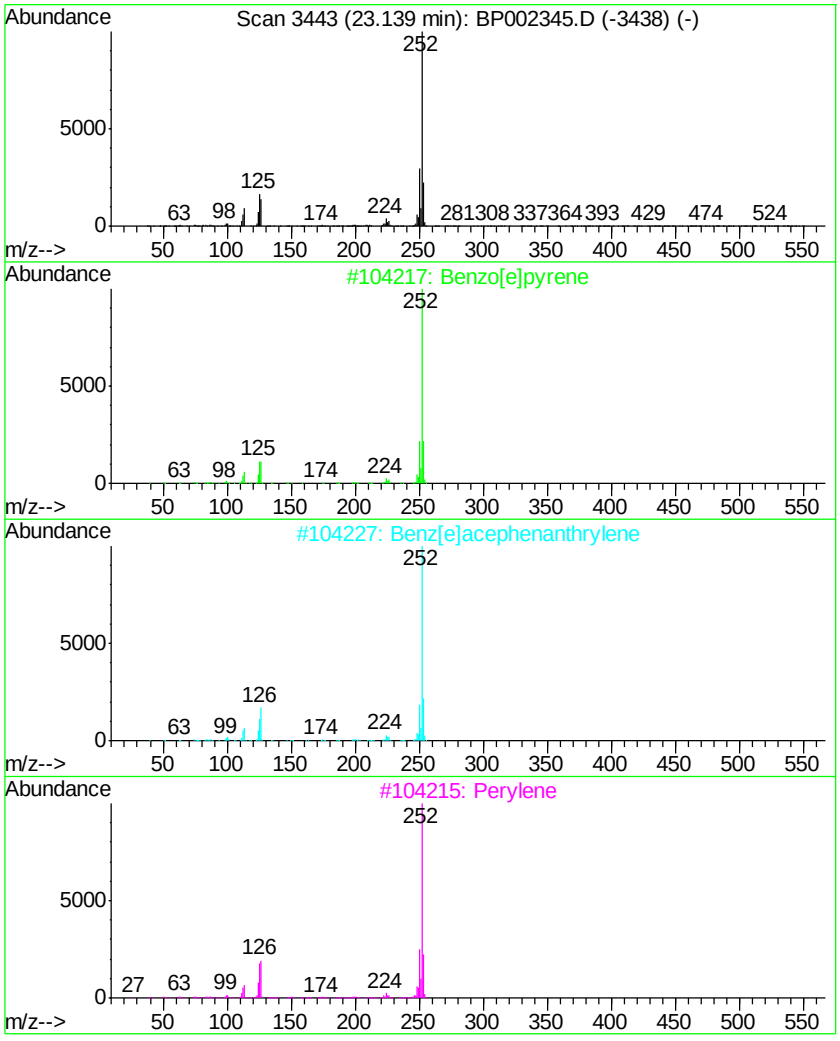
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

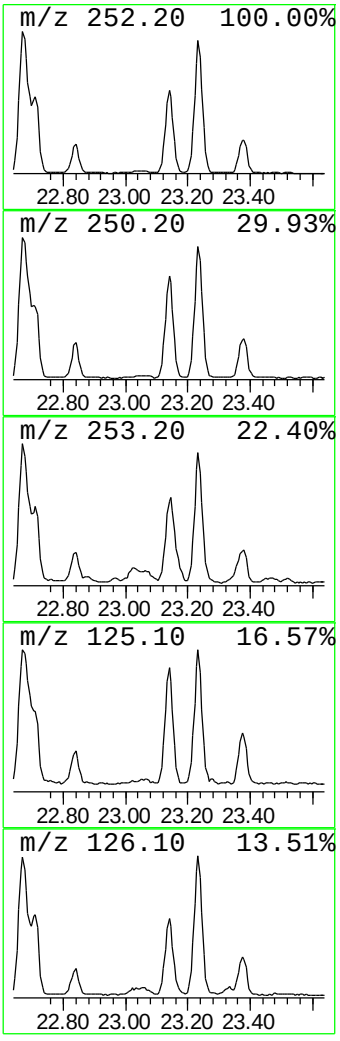
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	10.27 ng	1572170	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM45-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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
Anthracene, 2-met...	17.89	2.9	ng	492490	4	17.02	3423640	20.0
Phenanthrene, 2-m...	17.94	4.8	ng	826578	4	17.02	3423640	20.0
4H-Cyclopenta[def...	18.07	5.2	ng	884877	4	17.02	3423640	20.0
Phenanthrene, 3,6...	18.79	2.1	ng	353097	4	17.02	3423640	20.0
11H-Benzo[b]fluorene	19.88	2.2	ng	664593	5	21.12	6166470	20.0
1-Hexacosanol	20.86	3.8	ng	1162150	5	21.12	6166470	20.0
Benzo[e]pyrene	23.14	10.3	ng	1572170	6	23.33	3061220	20.0