LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-12220

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.740	428	434	444	rBV	312024	488590	19.24%	1.949%
2	7.381	707	713	726	rVB	285975	496566	19.55%	1.981%
3	8.199	845	852	863	rVB	505552	804170	31.66%	3.208%
4	8.752	940	946	951	rBV	13509	27120	1.07%	0.108%
5	9.357	1035	1049	1057	rBV	176325	317902	12.52%	1.268%
6	10.451	1225	1235	1240	rBV6	10692	28562	1.12%	0.114%
7	11.022	1323	1332	1338	rBV	616789	1023532	40.30%	4.083%
8	11.069	1338	1340	1349	rVB	39895	64800	2.55%	0.258%
9	12.045	1500	1506	1510	rBV	20421	33931	1.34%	0.135%
10	12.663	1602	1611	1621	rVB2	36596	75834	2.99%	0.303%
11	12.881	1643	1648	1655	rVB	46247	78508	3.09%	0.313%
12	13.369	1725	1731	1736	rVB	25305	37209	1.46%	0.148%
13	13.445	1738	1744	1751	rVB	405332	585053	23.03%	2.334%
14	13.657	1772	1780	1787	rBV6	23820	55938	2.20%	0.223%
15	13.987	1831	1836	1846	rBV3	22025	57580	2.27%	0.230%
16	14.145	1858	1863	1868	rBV2	50391	86012	3.39%	0.343%
17	14.198	1868	1872	1878	rVB	31026	44686	1.76%	0.178%
18	14.263	1878	1883	1887	rBV4	34259	71435	2.81%	0.285%
19	14.298	1887	1889	1895	rVB	25514	30357	1.20%	0.121%
20	14.381	1899	1903	1907	rBV	24503	34170	1.35%	0.136%
21	14.545	1926	1931	1938	rBV	63983	101114	3.98%	0.403%
22	14.822	1968	1978	1984	rBV2	817229	1263304	49.74%	5.039%
23	14.887	1984	1989	1996	rVB	178493	258191	10.16%	1.030%
24	15.028	2009	2013	2021	rVB5	15168	39537	1.56%	0.158%
25	15.134	2024	2031	2037	rVV5	13285	37721	1.49%	0.150%
26	15.216	2039	2045	2052	rVV	105448	166771	6.57%	0.665%
27	15.292	2054	2058	2062	rVB	26264	34279	1.35%	0.137%
28	15.434	2079	2082	2088	rVB3	20927	35851	1.41%	0.143%
29	15.616	2105	2113	2115	rBV7	16171	38699	1.52%	0.154%
30	15.863	2150	2155	2167	rVB	189048	294372	11.59%	1.174%
31	16.157	2202	2205	2211	rVB	29835	45154	1.78%	0.180%
32	16.310	2223	2231	2238	rBV	288179	439292	17.29%	1.752%
33	16.539	2266	2270	2274	rVB2	37682	53970	2.12%	0.215%
34	16.863	2319	2325	2331	rBV2	34122	69595	2.74%	0.278%
35	16.916	2331	2334	2340	rVB4	30132	42268	1.66%	0.169%
36	17.016	2348	2351	2355	rVB2	24815	35478	1.40%	0.142%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-12220

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.292	2395	2398	2404	rVV6	22895	40950	1.61%	0.163%
38	17.380	2405	2413	2420	rVB	76816	140965	5.55%	0.562%
39	17.563	2438	2444	2447	rBV	995791	1413458	55.65%	5.638%
40	17.604	2447	2451	2457	rVV	1037057	1404354	55.29%	5.602%
41	17.692	2461	2466	2471	rVV	349768	475314	18.71%	1.896%
42	17.751	2471	2476	2482	rVV2	37031	66160	2.60%	0.264%
43	17.951	2506	2510	2515	rBV	86714	114016	4.49%	0.455%
44	18.133	2538	2541	2545	rVB	39609	45038	1.77%	0.180%
45	18.416	2584	2589	2592	rBV	116462	160817	6.33%	0.641%
46	18.457	2592	2596	2603	rVB	163913	237635	9.36%	0.948%
47	18.533	2605	2609	2615	rBV	79761	125154	4.93%	0.499%
48	18.604	2615	2621	2625	rBV3	272552	496544	19.55%	1.981%
49	18.880	2664	2668	2672	rBV2	98095	136091	5.36%	0.543%
50	19.292	2733	2738	2742	rBV2	106550	175241	6.90%	0.699%
51	19.545	2775	2781	2786	rBV	1612613	2076161	81.74%	8.282%
52	19.863	2831	2835	2836	rBV	234995	270053	10.63%	1.077%
53	19.892	2836	2840	2848	rVB	1403045	1935904	76.22%	7.722%
54	19.963	2849	2852	2858	rVB3	70837	101531	4.00%	0.405%
55	20.063	2865	2869	2875	rVB2	702475	849715	33.45%	3.389%
56	20.369	2918	2921	2928	rVB2	279633	354787	13.97%	1.415%
57	20.463	2933	2937	2941	rVV	246110	306920	12.08%	1.224%
58	21.333	3082	3085	3088	rBV3	154709	184564	7.27%	0.736%
59	21.598	3124	3130	3134	rBV2	1277501	2540004	100.00%	10.132%
60	21.639	3134	3137	3142	rVB	583202	731057	28.78%	2.916%
61	23.304	3415	3420	3426	rBV	426185	1062104	41.82%	4.237%
62	23.933	3523	3527	3539	rVB	462443	917804	36.13%	3.661%
63	24.045	3541	3546	3552	rVV	703879	1309191	51.54%	5.222%

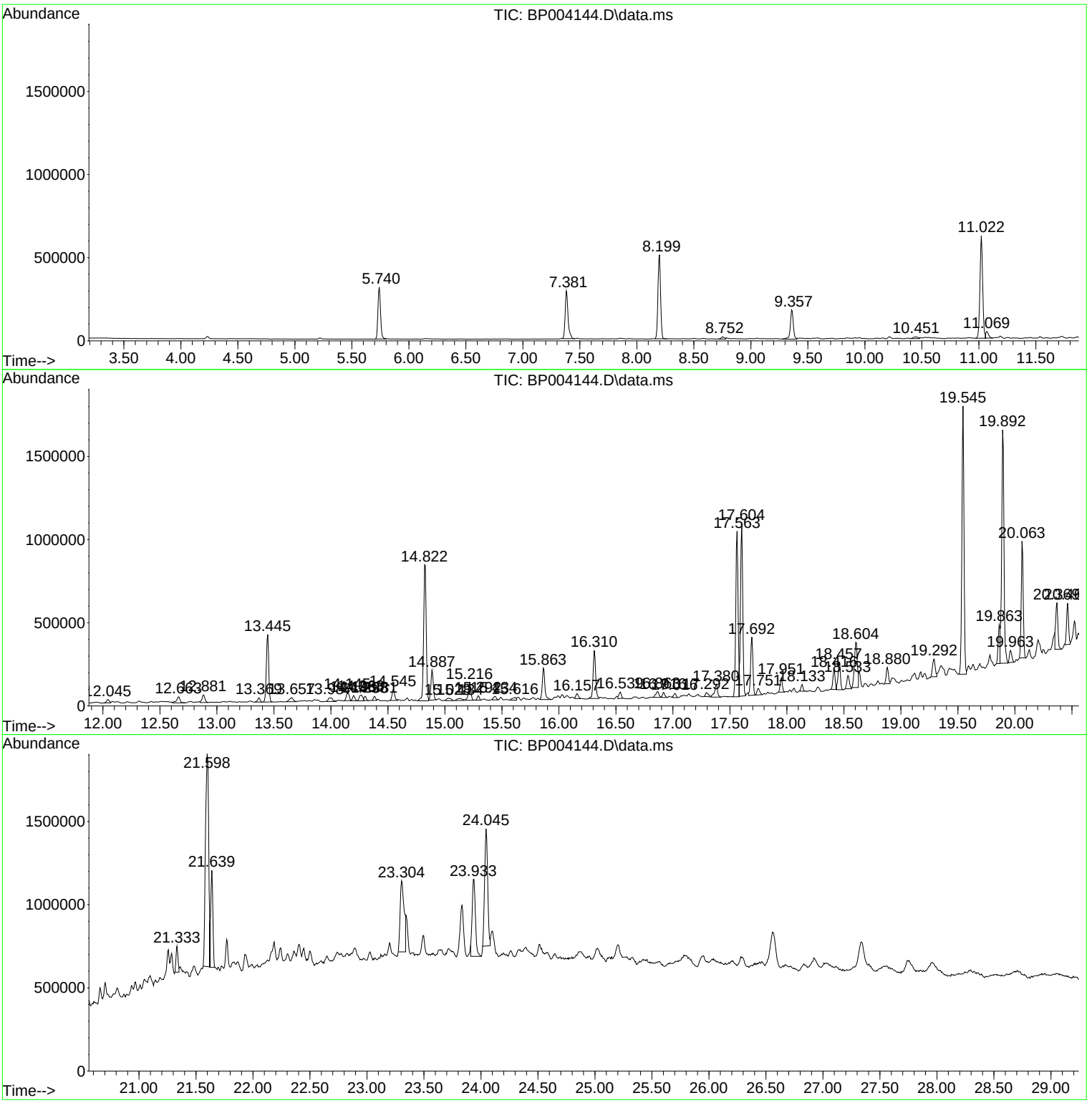
Sum of corrected areas: 25069083

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-12220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-12220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

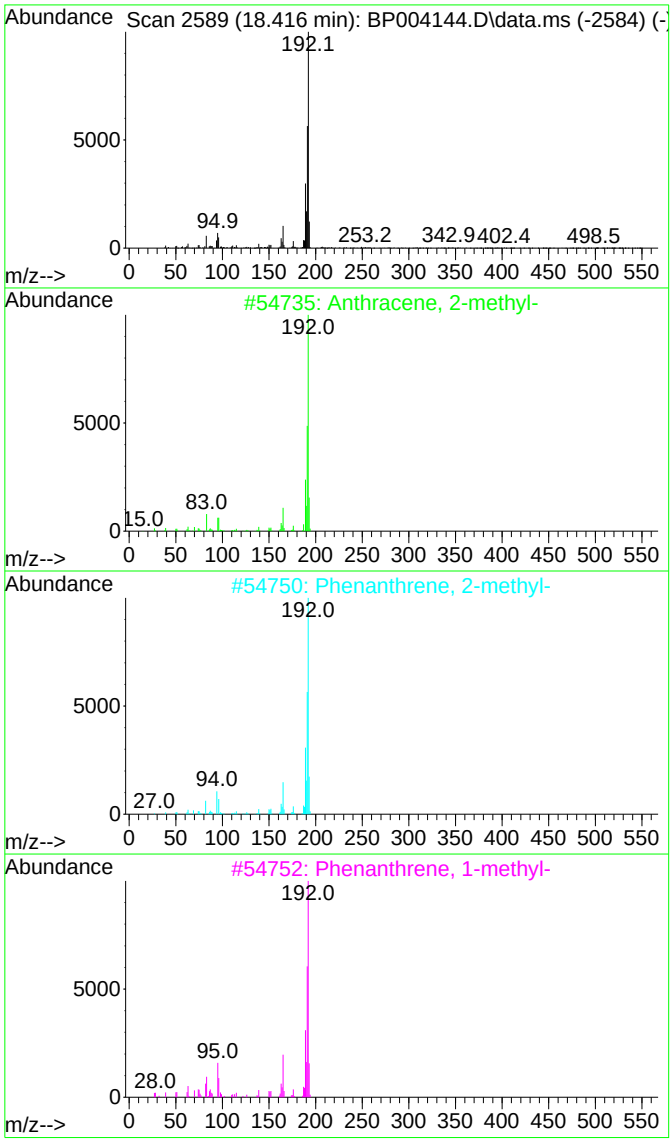
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

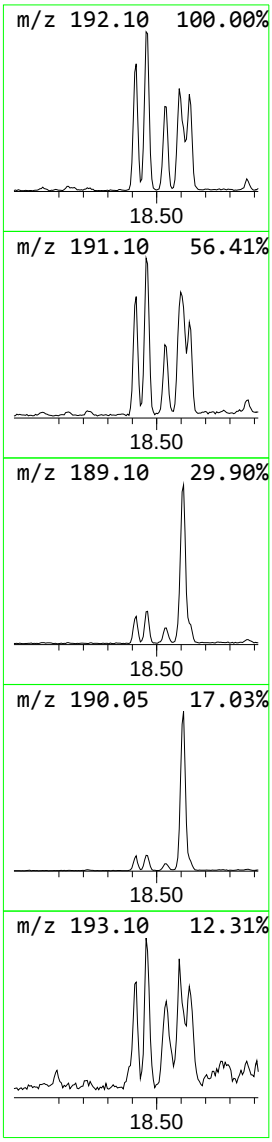
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	2.28 ng	160817	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-12220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

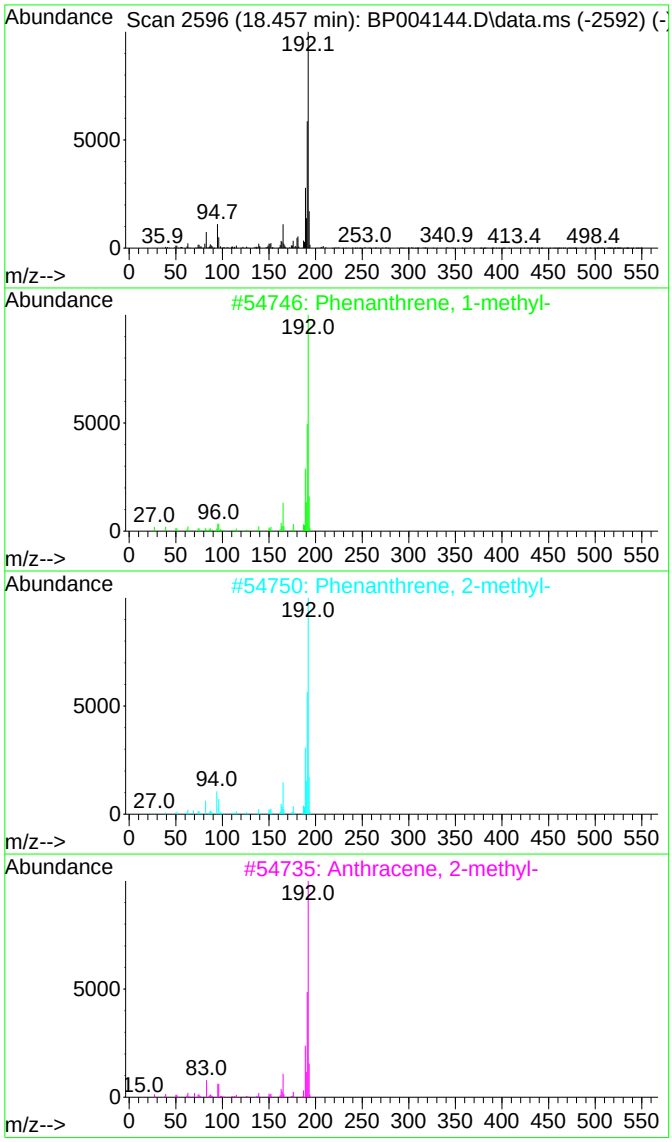
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

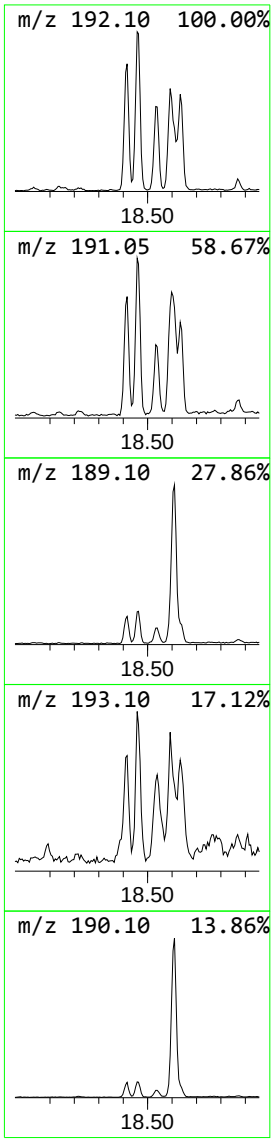
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	3.36 ng	237635	Phenanthrene-d10	17.563

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-12220

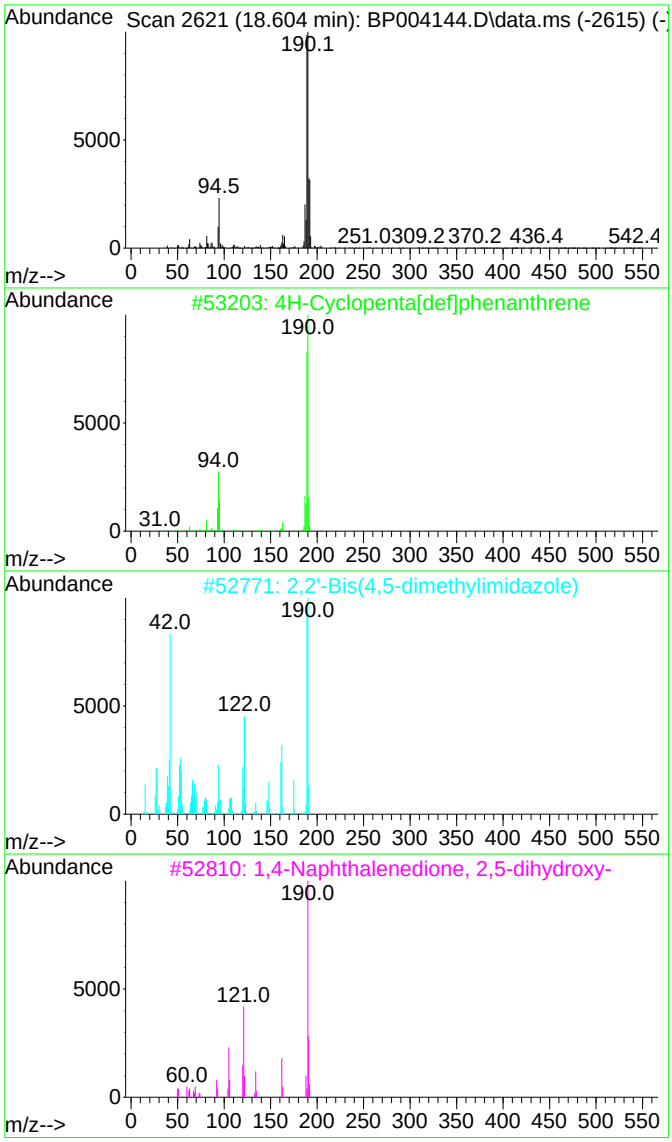
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

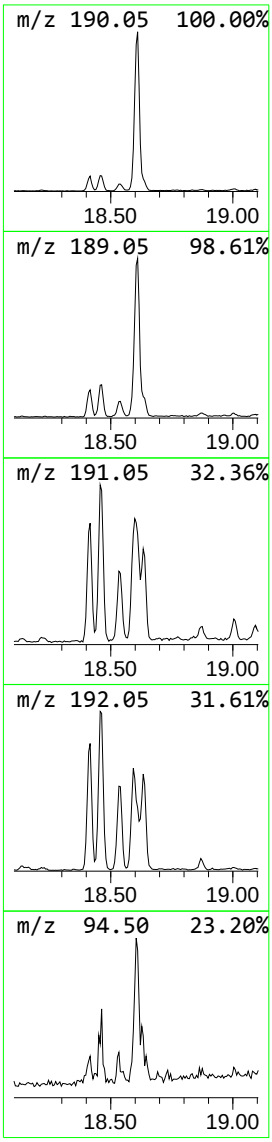
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	7.03 ng	496544	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	23
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-12220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

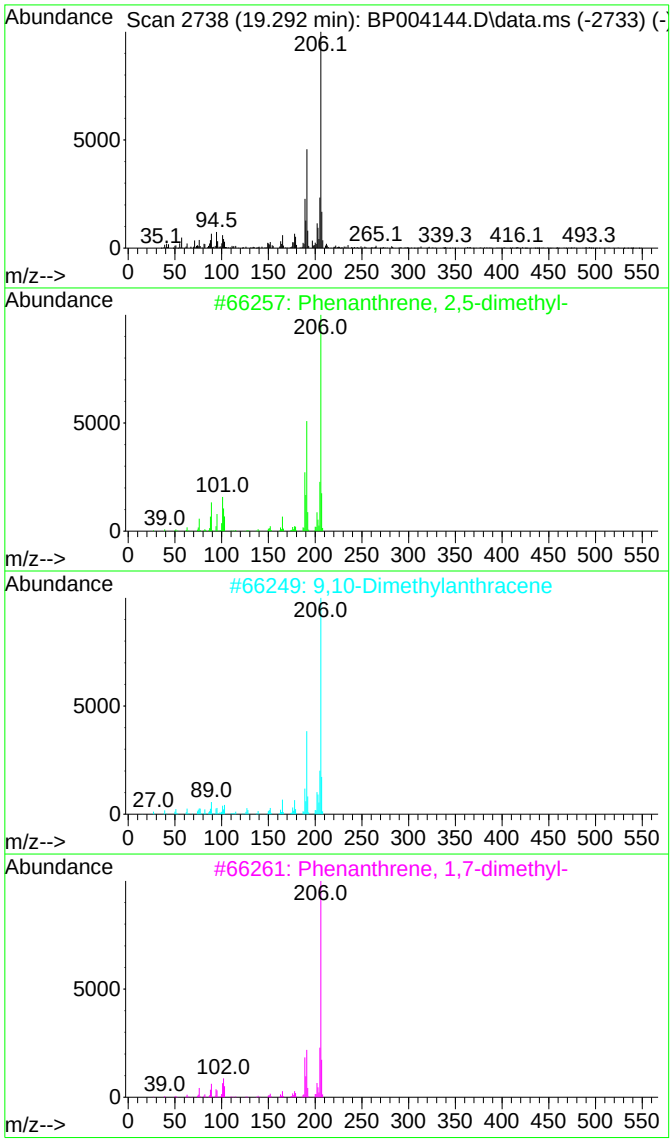
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

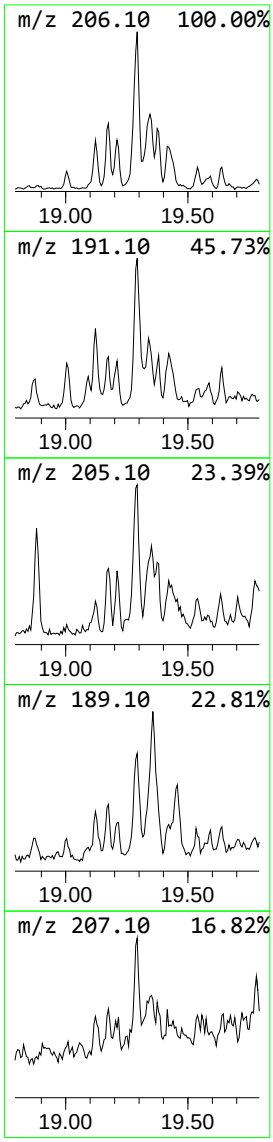
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	2.48 ng	175241	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-12220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

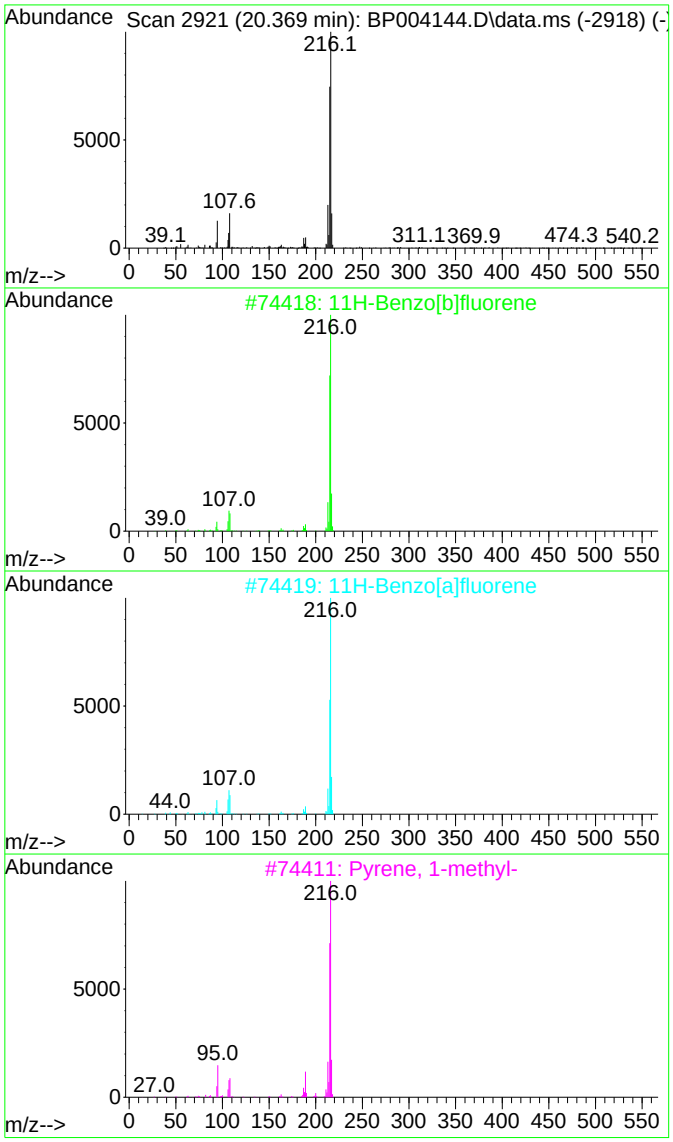
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

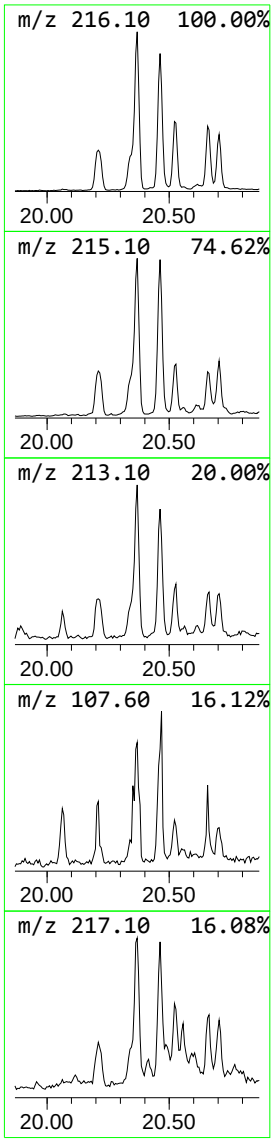
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.369	2.79 ng	354787	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-12220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

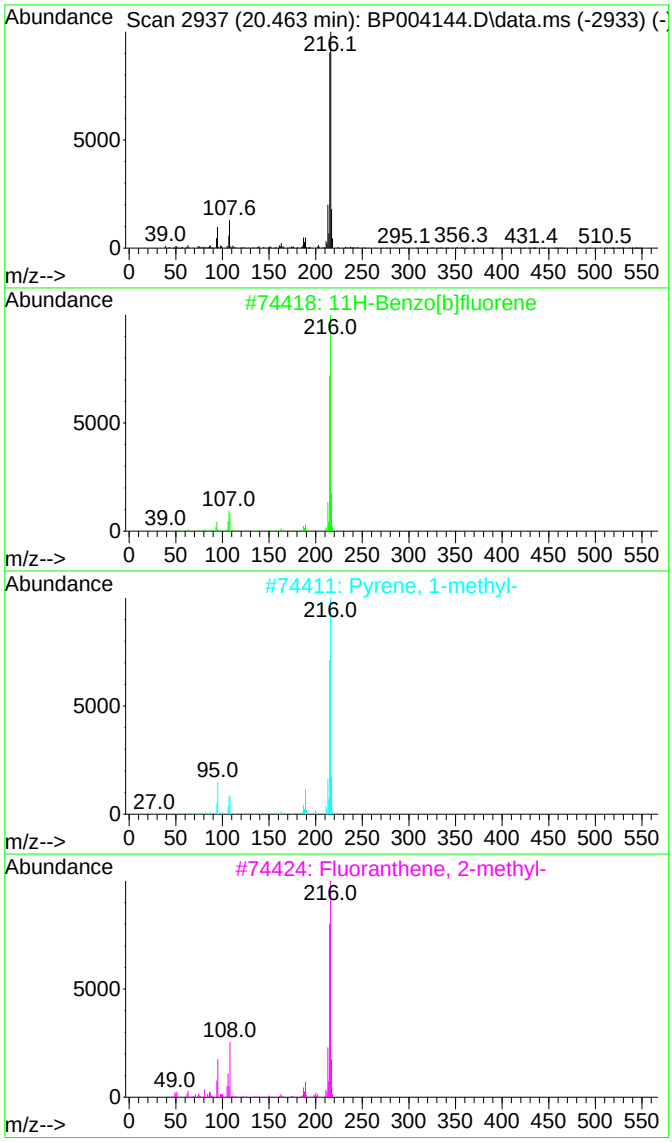
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

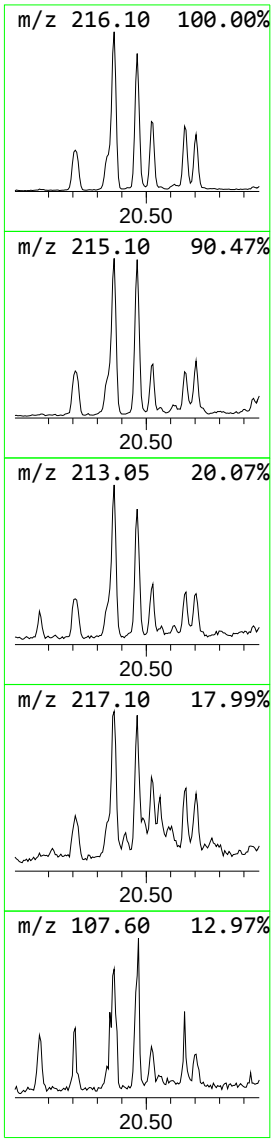
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.463	2.42 ng	306920	Chrysene-d12	21.604

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	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004144.D
Acq On : 03 Dec 2020 23:41
Operator : CG/JU
Sample : L4935-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-12220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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-m...	18.416	2.3	ng	160817	4	17.563	1413460	20.0
Phenanthrene, 1...	18.457	3.4	ng	237635	4	17.563	1413460	20.0
4H-Cyclopenta[d...	18.604	7.0	ng	496544	4	17.563	1413460	20.0
Phenanthrene, 2...	19.292	2.5	ng	175241	4	17.563	1413460	20.0
11H-Benzo[b]flu...	20.369	2.8	ng	354787	5	21.604	2540000	20.0
Pyrene, 1-methyl-	20.463	2.4	ng	306920	5	21.604	2540000	20.0