LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OWLS-HEAD-BH-04-A

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-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.022	188	193	203	rBV	164823	220942	3.51%	0.324%
2	4.616	289	294	317	rVB	79744	117379	1.87%	0.172%
3	6.716	646	651	665	rBV2	25997	70657	1.12%	0.104%
4	7.481	775	781	796	rBV	242635	402025	6.39%	0.590%
5	8.652	973	980	990	rBV	34000	78230	1.24%	0.115%
6	10.257	1246	1253	1270	rBV	278906	517121	8.22%	0.759%
7	12.757	1671	1678	1690	rBV	145693	226216	3.60%	0.332%
8	13.863	1859	1866	1881	rBV	546442	882572	14.03%	1.296%
9	14.145	1907	1914	1921	rBV	438735	643619	10.23%	0.945%
10	15.204	2089	2094	2107	rVB2	50800	104465	1.66%	0.153%
11	15.892	2205	2211	2220	rBV	43608	78592	1.25%	0.115%
12	16.222	2259	2267	2272	rBV4	34219	75450	1.20%	0.111%
13	16.486	2308	2312	2316	rVV	48806	63447	1.01%	0.093%
14	16.722	2349	2352	2364	rVB	31629	67169	1.07%	0.099%
15	16.904	2377	2383	2386	rBV	562946	776127	12.34%	1.140%
16	16.945	2386	2390	2396	rVV	725802	955660	15.20%	1.403%
17	17.039	2400	2406	2413	rVV	611053	880695	14.00%	1.293%
18	17.104	2413	2417	2428	rVB3	57784	112362	1.79%	0.165%
19	17.428	2468	2472	2478	rVB	61375	81822	1.30%	0.120%
20	17.780	2527	2532	2536	rBV	198275	268922	4.28%	0.395%
21	17.827	2536	2540	2547	rVB	309200	414622	6.59%	0.609%
22	17.910	2549	2554	2559	rVV	207309	281442	4.48%	0.413%
23	17.975	2559	2565	2568	rVV2	442585	734384	11.68%	1.079%
24	18.004	2568	2570	2580	rVB	156058	225713	3.59%	0.331%
25	18.269	2611	2615	2621	rVB	192935	256323	4.08%	0.376%
26	18.327	2621	2625	2629	rBV2	67060	84830	1.35%	0.125%
27	18.563	2662	2665	2668	rBV	73009	85563	1.36%	0.126%
28	18.604	2668	2672	2676	rVB	67882	83762	1.33%	0.123%
29	18.680	2680	2685	2689	rBV	171490	257572	4.10%	0.378%
30	18.745	2690	2696	2699	rVV3	122644	247586	3.94%	0.364%
31	18.774	2699	2701	2704	rVV	85905	84925	1.35%	0.125%
32	18.827	2704	2710	2716	rVV2	303706	487249	7.75%	0.716%
33	18.939	2723	2729	2734	rBV	4225780	5550544	88.26%	8.152%
34	19.004	2736	2740	2742	rVV	81905	96037	1.53%	0.141%
35	19.033	2742	2745	2749	rVB	78065	96722	1.54%	0.142%
36	19.086	2749	2754	2758	rBV	603489	757607	12.05%	1.113%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OWLS-HEAD-BH-04-A

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-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.198	2770	2773	2779	rVB	134798	181946	2.89%	0.267%
38	19.263	2779	2784	2785	rBV	713991	818700	13.02%	1.202%
39	19.292	2785	2789	2797	rVB	3812765	4980997	79.20%	7.315%
40	19.363	2797	2801	2808	rVB2	209407	292393	4.65%	0.429%
41	19.469	2814	2819	2821	rBV	336467	485393	7.72%	0.713%
42	19.486	2821	2822	2826	rVV	322868	297561	4.73%	0.437%
43	19.533	2826	2830	2837	rVB2	149424	228931	3.64%	0.336%
44	19.622	2837	2845	2850	rBV2	353781	928725	14.77%	1.364%
45	19.739	2860	2865	2868	rBV2	332084	589376	9.37%	0.866%
46	19.774	2868	2871	2876	rVB	841340	1113322	17.70%	1.635%
47	19.874	2884	2888	2891	rBV	601687	684998	10.89%	1.006%
48	19.927	2891	2897	2902	rVV2	507554	865157	13.76%	1.271%
49	20.021	2908	2913	2917	rBV2	135120	306013	4.87%	0.449%
50	20.063	2917	2920	2924	rVV	240125	328848	5.23%	0.483%
51	20.110	2924	2928	2932	rVV3	265294	359641	5.72%	0.528%
52	20.321	2961	2964	2966	rBV2	77242	95645	1.52%	0.140%
53	20.380	2972	2974	2979	rVB	101798	116791	1.86%	0.172%
54	20.516	2993	2997	3004	rVB	541924	693099	11.02%	1.018%
55	20.669	3019	3023	3026	rBV	508400	646812	10.29%	0.950%
56	20.704	3026	3029	3032	rVV	494816	551356	8.77%	0.810%
57	20.745	3032	3036	3043	rVV3	433435	845565	13.45%	1.242%
58	20.804	3043	3046	3053	rVB	557255	738992	11.75%	1.085%
59	21.010	3072	3081	3085	rBV2	3601894	6288811	100.00%	9.236%
60	21.057	3085	3089	3098	rVB	2584637	3516811	55.92%	5.165%
61	21.168	3105	3108	3110	rBV2	151364	194208	3.09%	0.285%
62	21.221	3114	3117	3121	rVV	722998	828458	13.17%	1.217%
63	21.321	3130	3134	3139	rBV2	309324	498270	7.92%	0.732%
64	21.498	3160	3164	3166	rBV	193242	247844	3.94%	0.364%
65	21.551	3166	3173	3176	rVV	664312	1144026	18.19%	1.680%
66	21.598	3178	3181	3186	rVB	323197	431589	6.86%	0.634%
67	21.698	3195	3198	3201	rBV2	182569	224825	3.58%	0.330%
68	21.739	3202	3205	3208	rBV3	279343	380253	6.05%	0.558%
69	21.833	3218	3221	3225	rVB	201688	269421	4.28%	0.396%
70	22.298	3296	3300	3304	rBV2	305919	446594	7.10%	0.656%
71	22.551	3335	3343	3347	rBV	2619082	5839616	92.86%	8.576%
72	22.704	3364	3369	3375	rBV	742281	1158508	18.42%	1.701%
73	23.004	3414	3420	3429	rVB	1427513	2666297	42.40%	3.916%
74	23.104	3430	3437	3444	rVV2	2182422	4089034	65.02%	6.005%
75	23.186	3446	3451	3455	rVV	604207	1158294	18.42%	1.701%
76	23.233	3455	3459	3470	rVB2	623884	1289732	20.51%	1.894%

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Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

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-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	25.392	3817	3826	3835	rVB2	999253	2902236	46.15%	4.262%
78	26.068	3932	3941	3952	rVB	672585	1998378	31.78%	2.935%

Sum of corrected areas: 68091819

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
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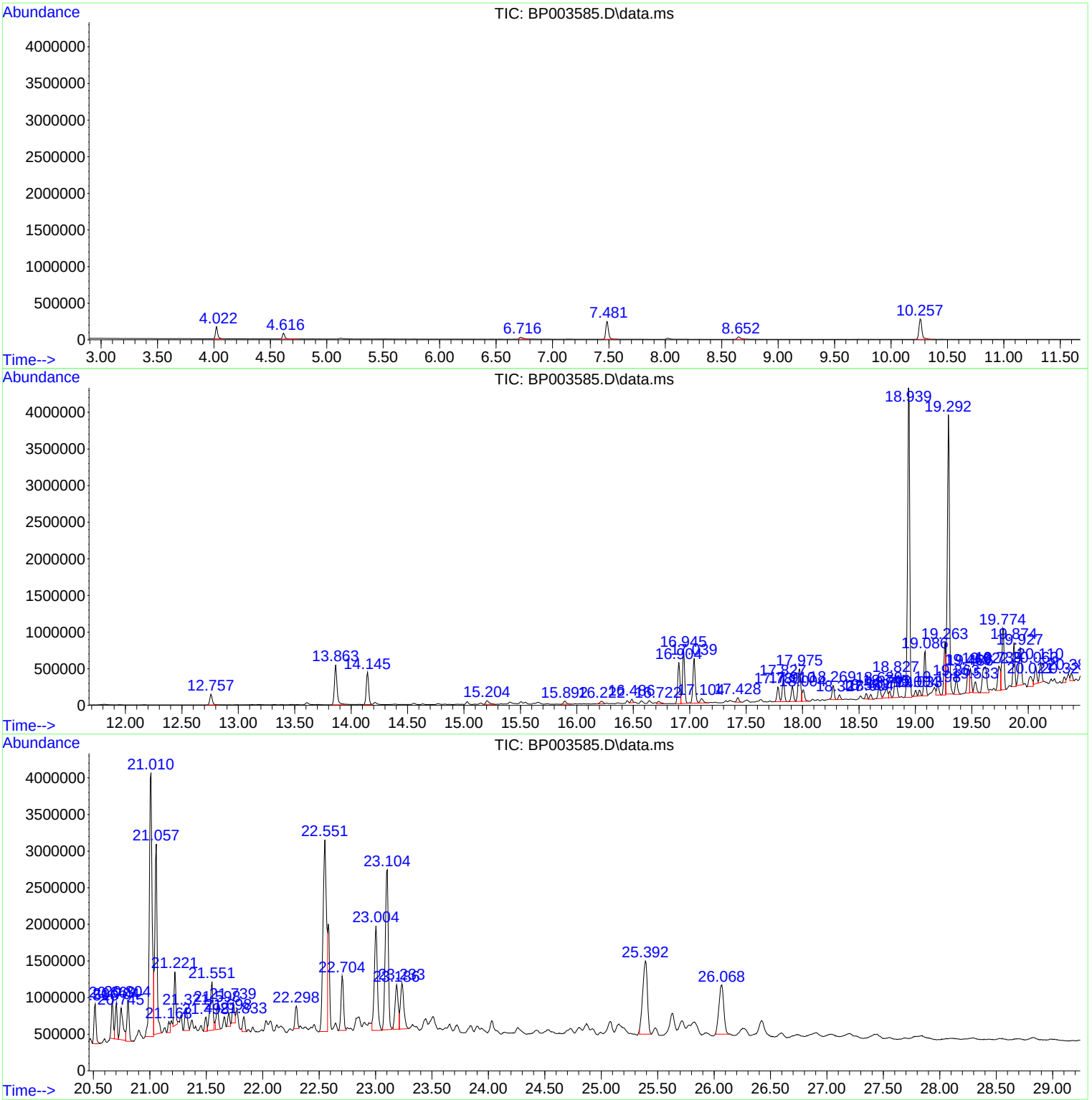
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

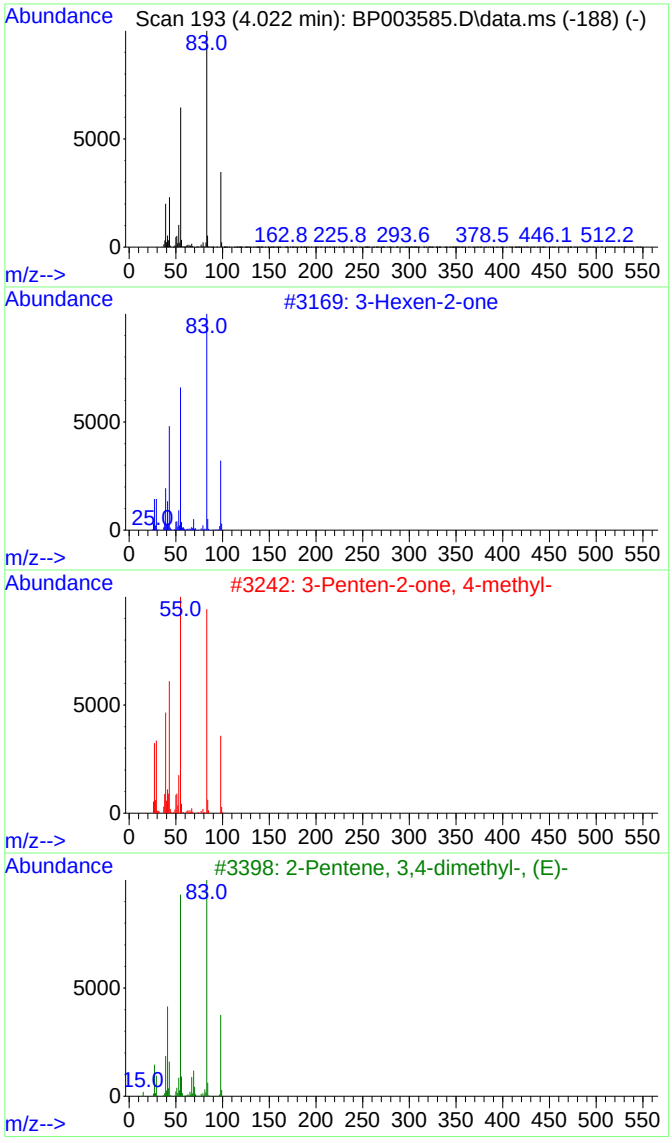
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

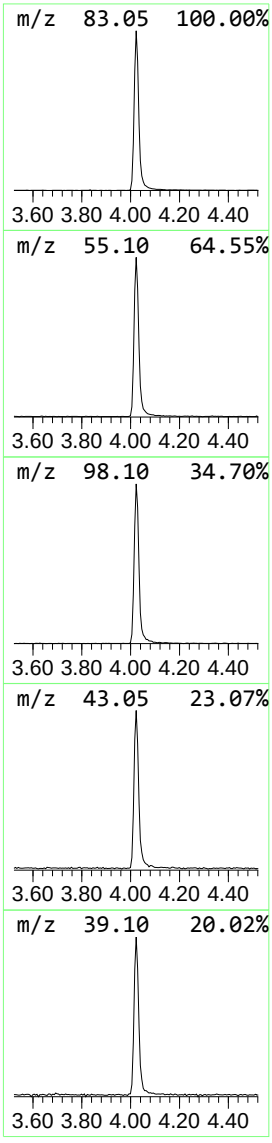
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Hexen-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.022	10.99 ng	220942	1,4-Dichlorobenzene-d4	7.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

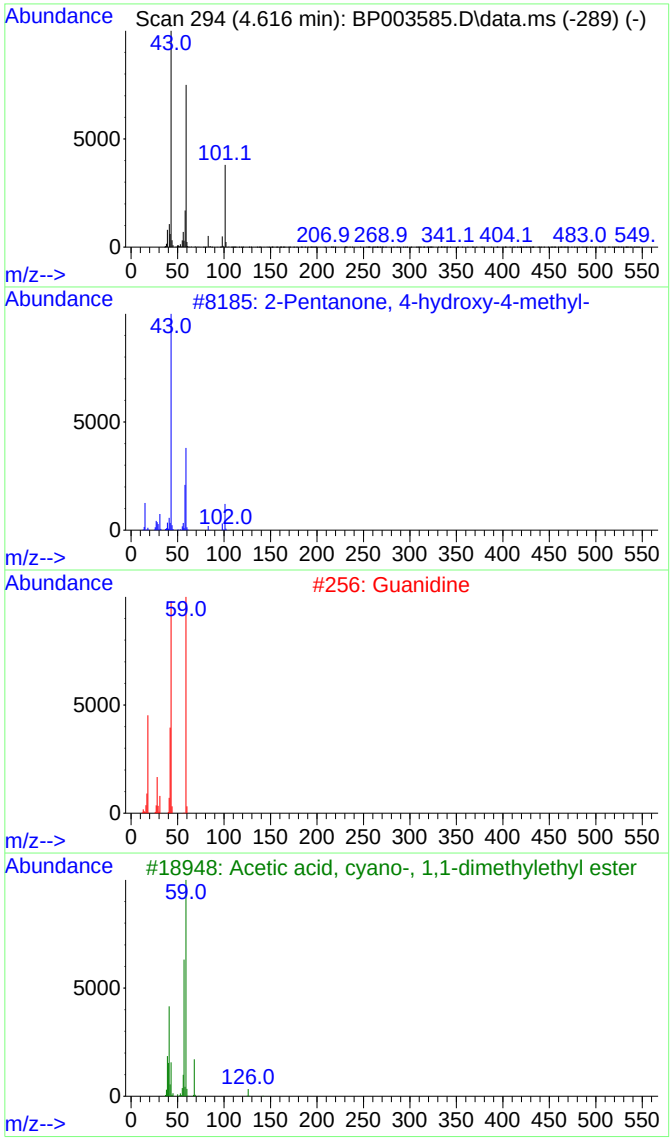
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

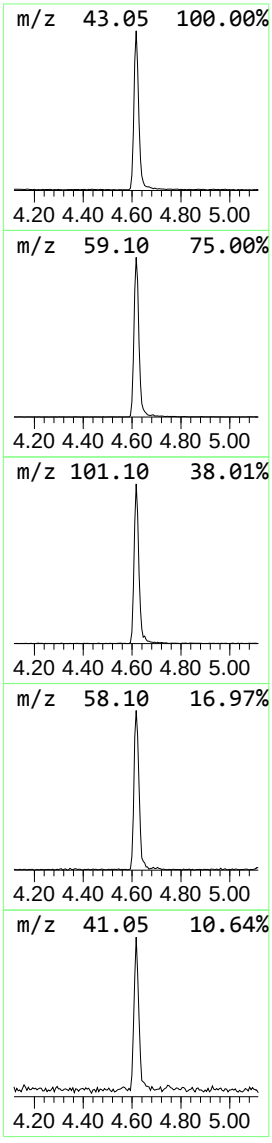
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.616	5.84 ng	117379	1,4-Dichlorobenzene-d4	7.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	47
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

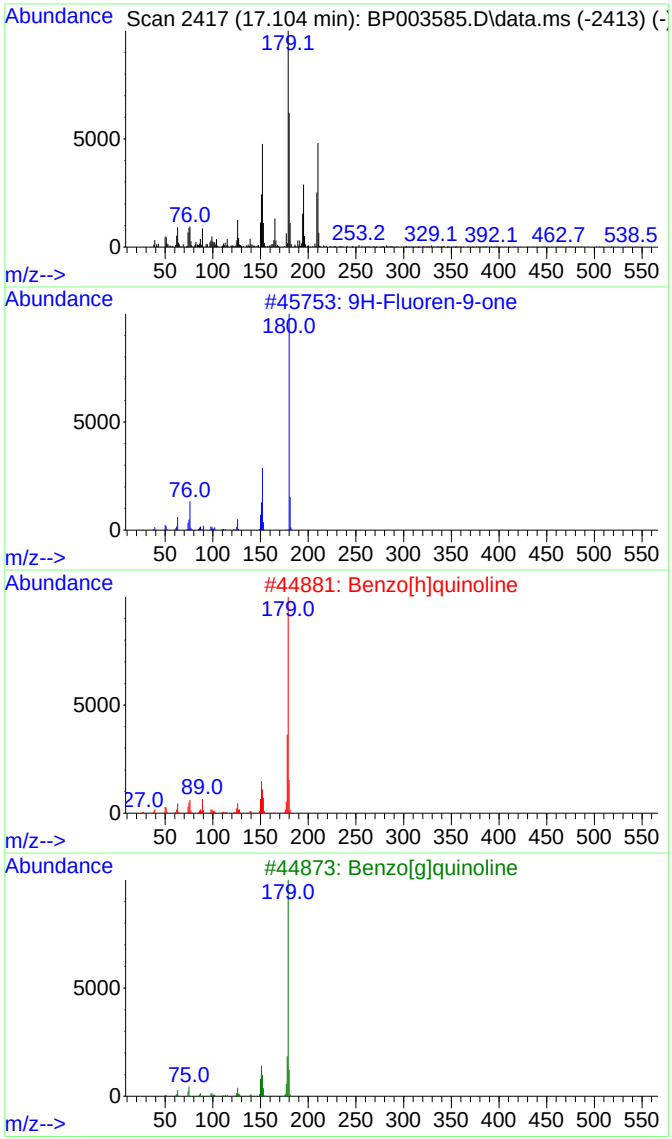
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

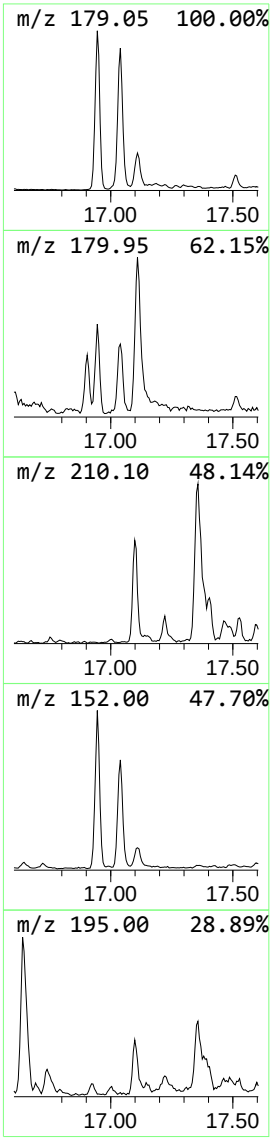
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.90 ng	112362	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	42
3	Benzo[g]quinoline	179	C13H9N	000260-36-6	38
4	4-Acetyl-1-naphthonitrile	195	C13H9NO	029139-00-2	38
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

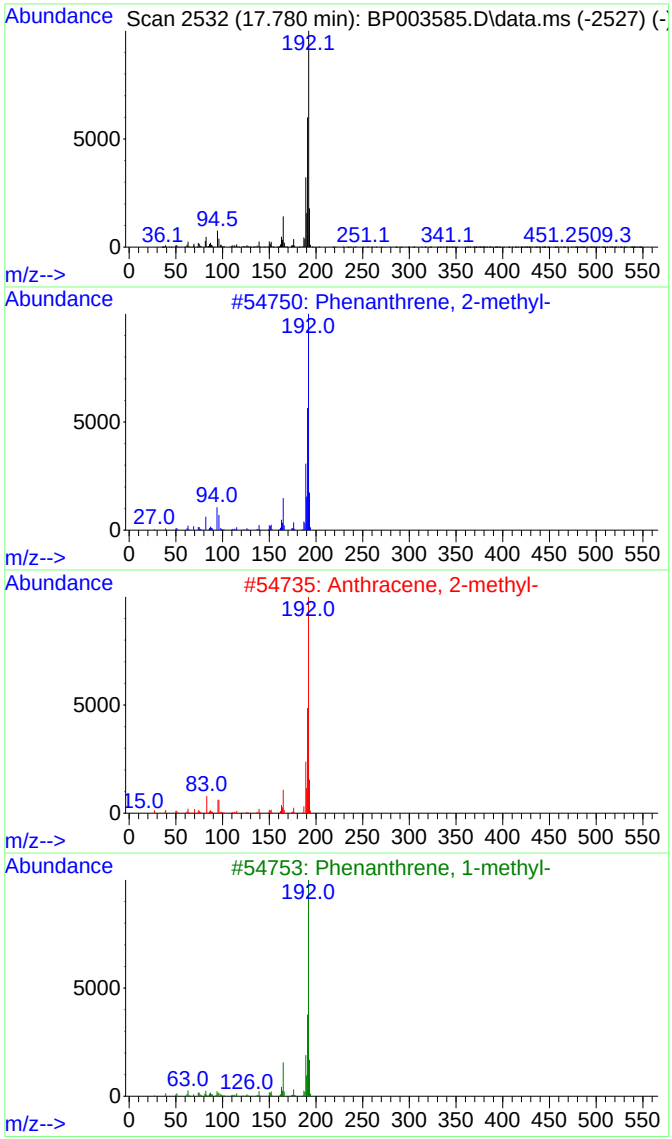
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

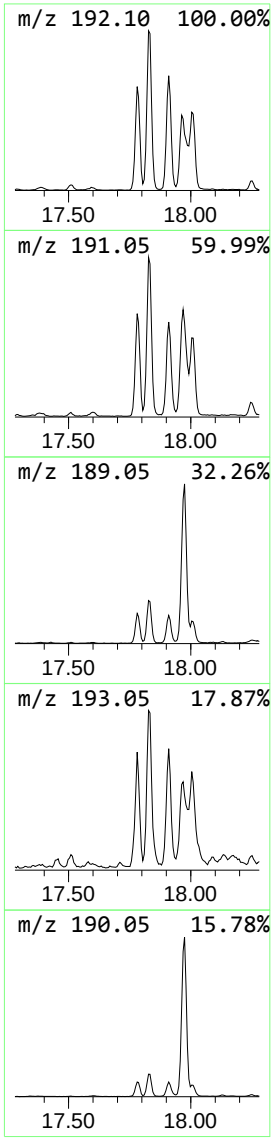
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.780	6.93 ng	268922	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	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	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

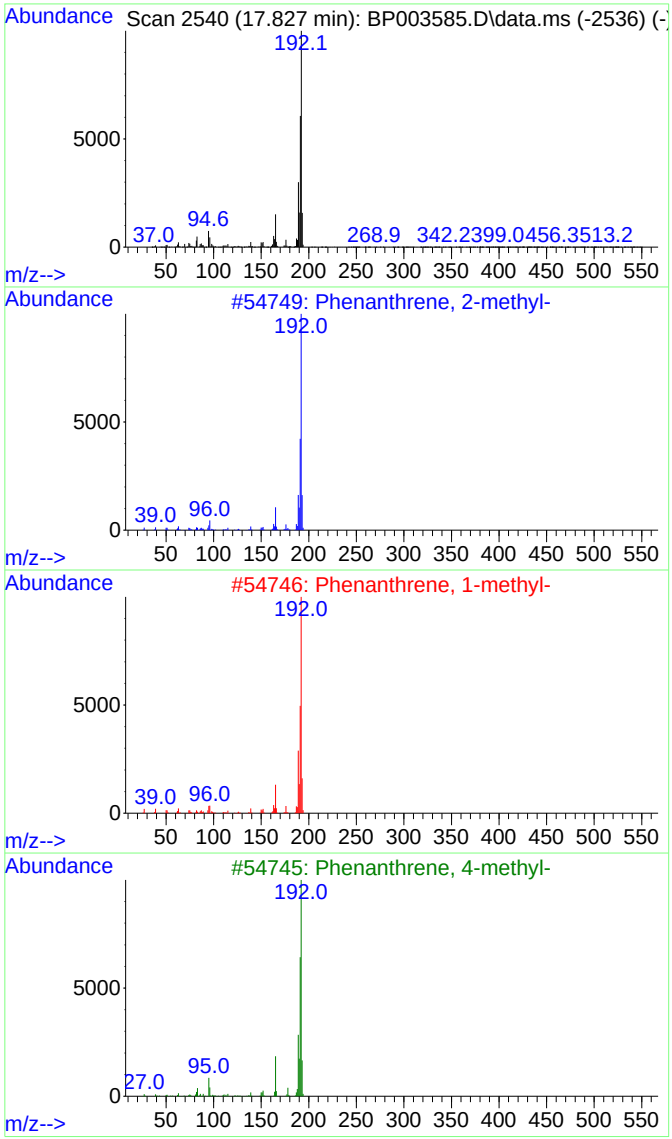
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

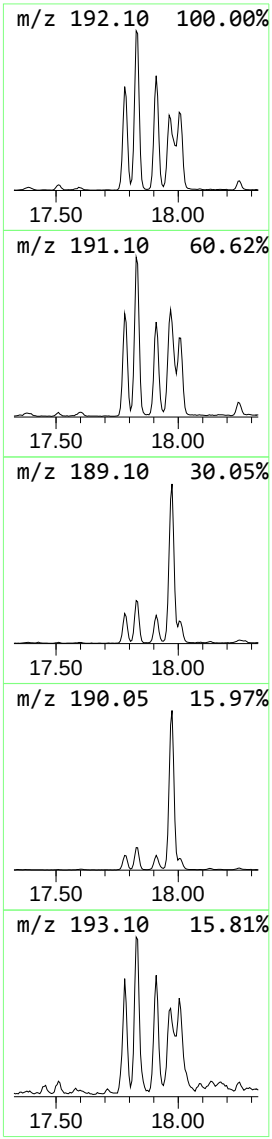
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	10.68 ng	414622	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

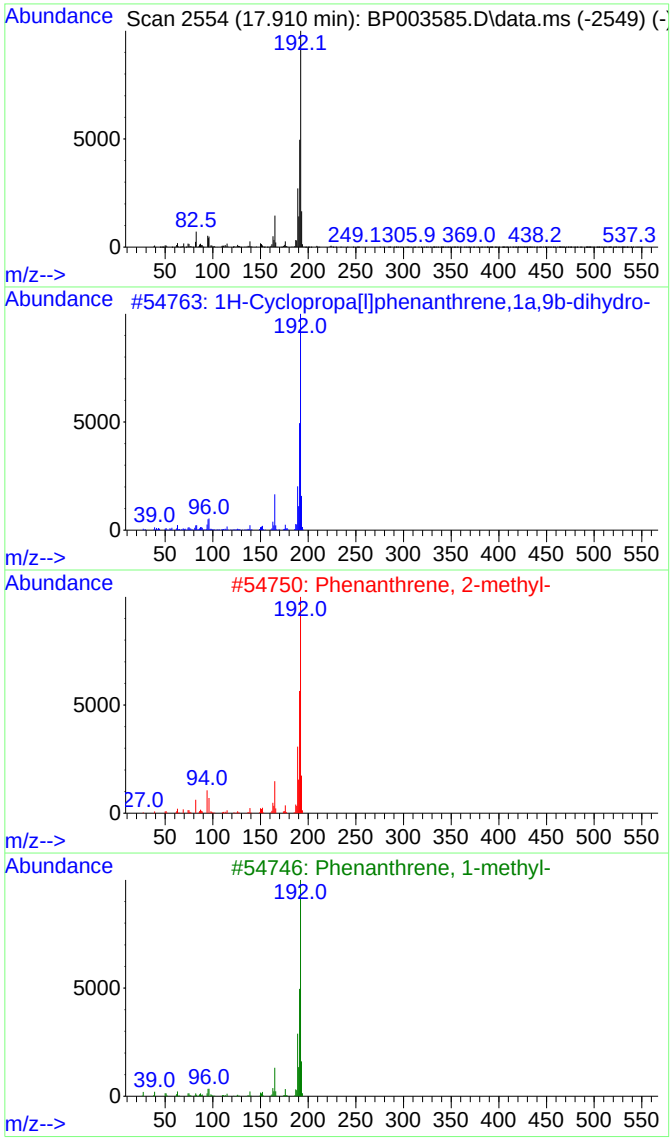
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

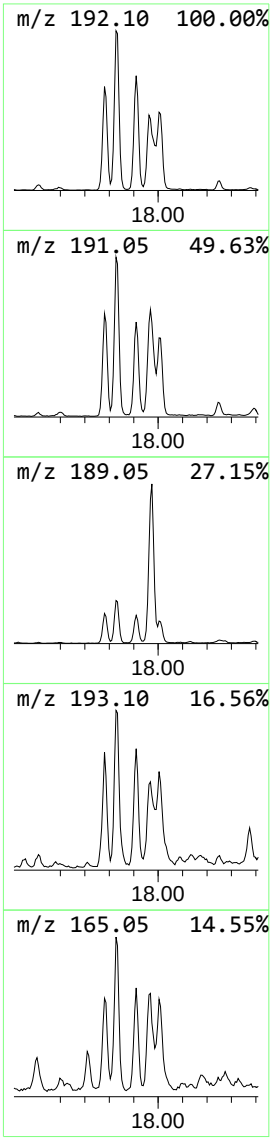
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	7.25 ng	281442	Phenanthrene-d10	16.904

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





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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

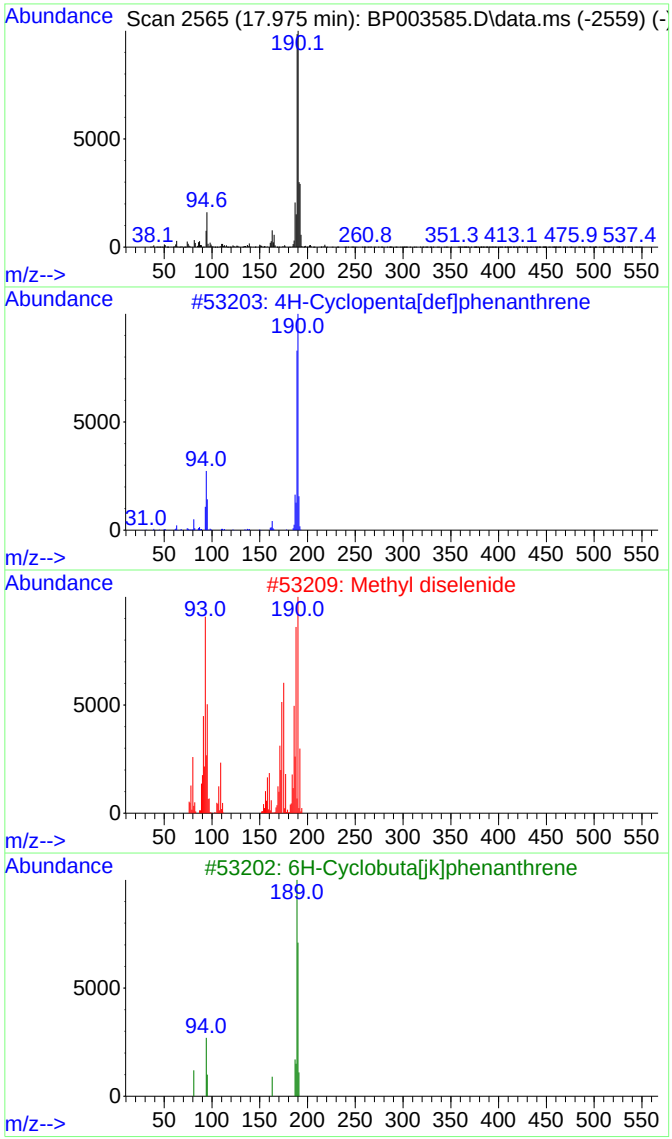
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

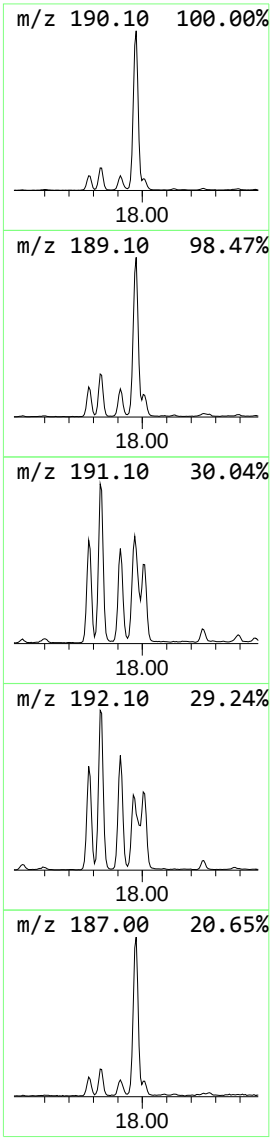
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	18.92 ng	734384	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

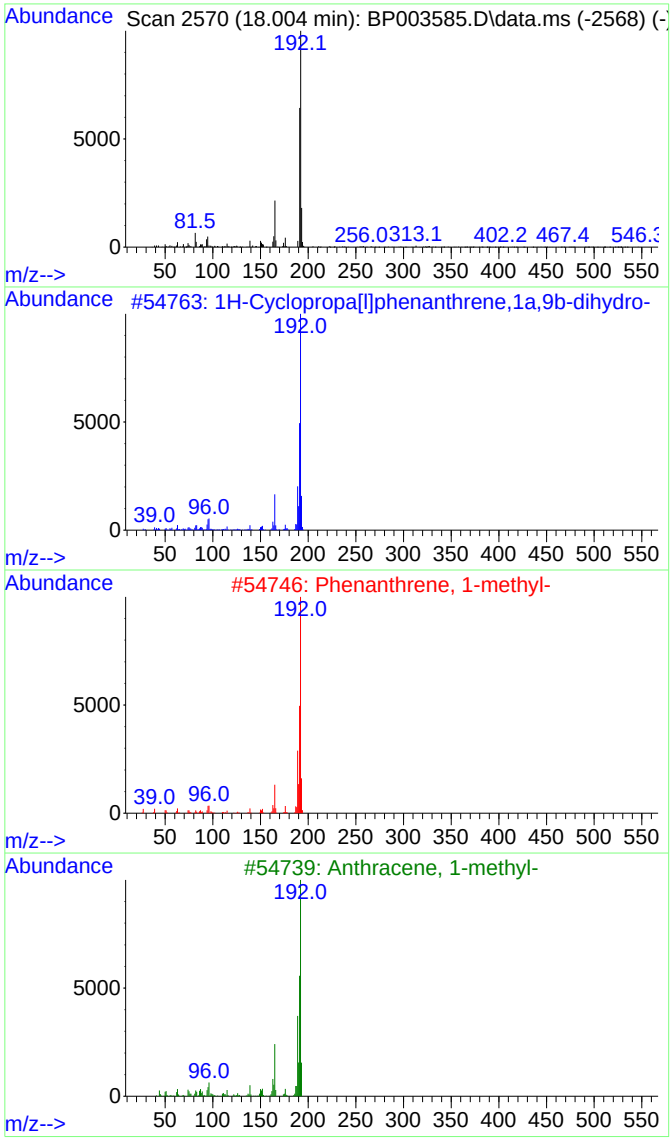
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

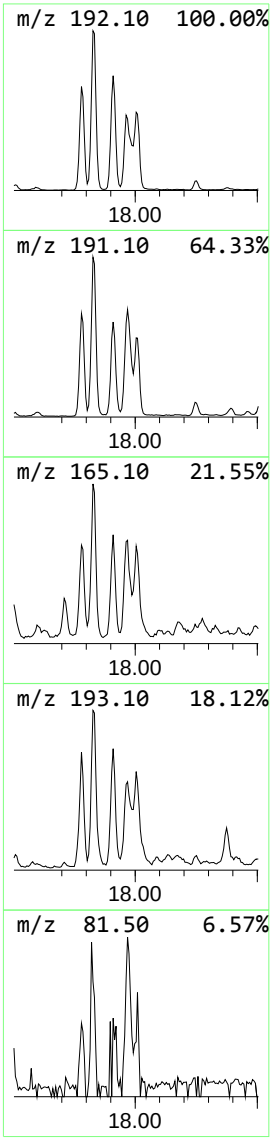
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	5.82 ng	225713	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

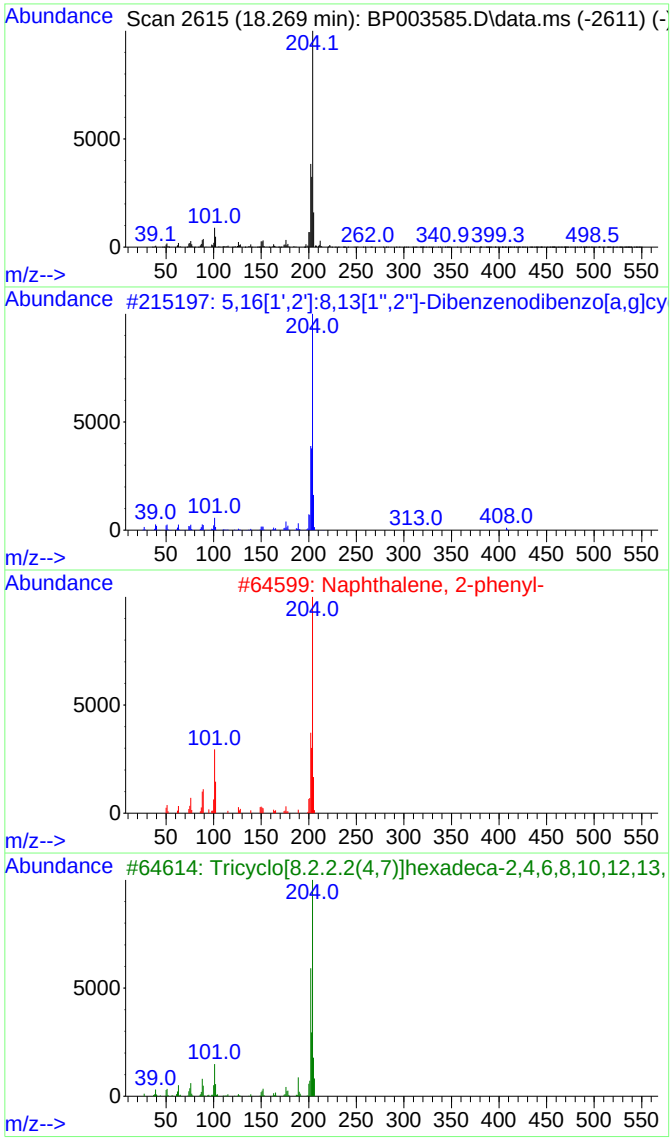
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

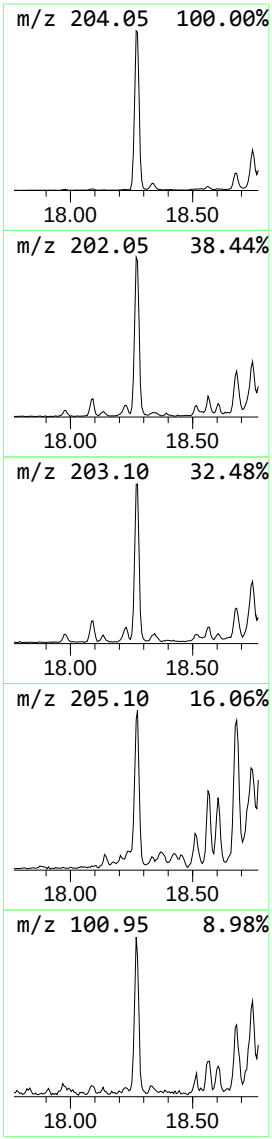
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	6.61 ng	256323	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

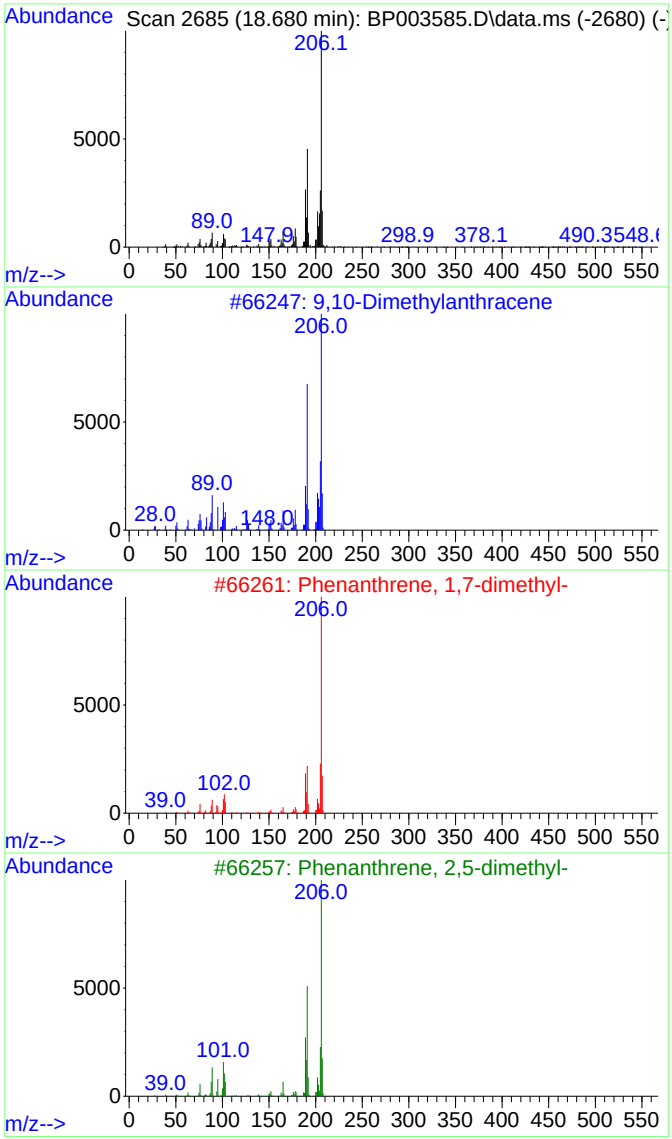
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

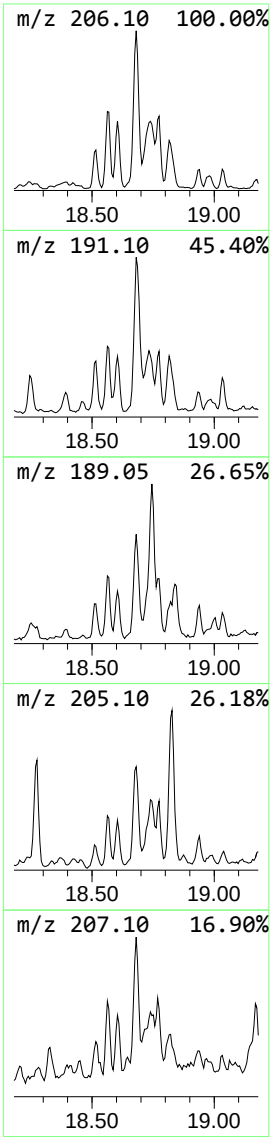
****

Peak Number 10 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	6.64 ng	257572	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

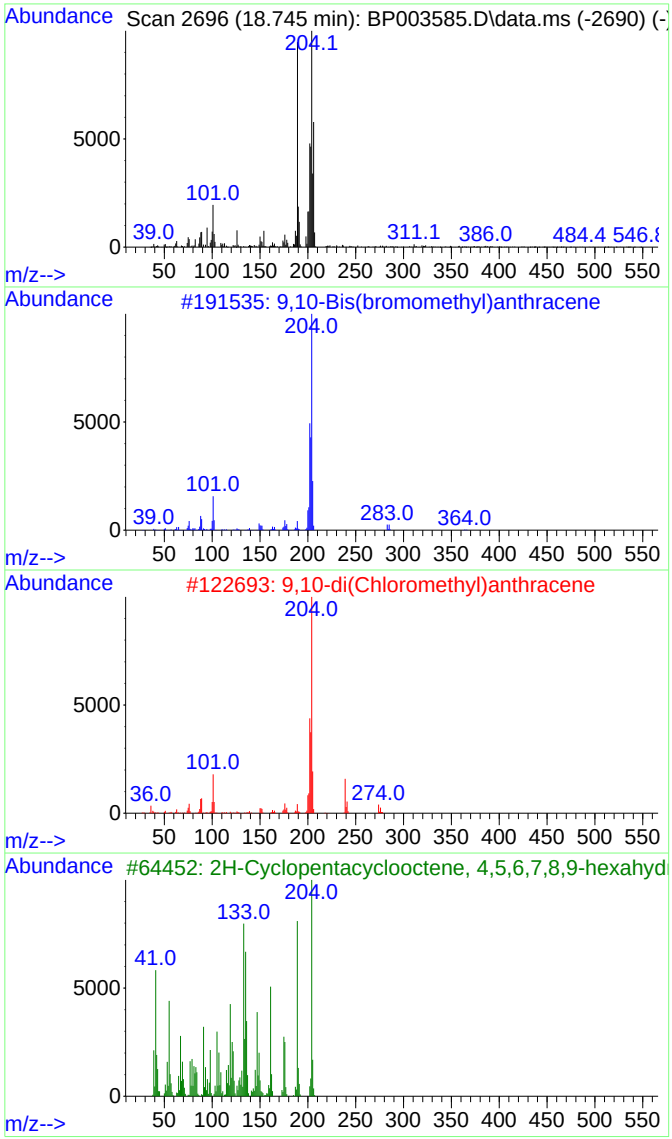
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

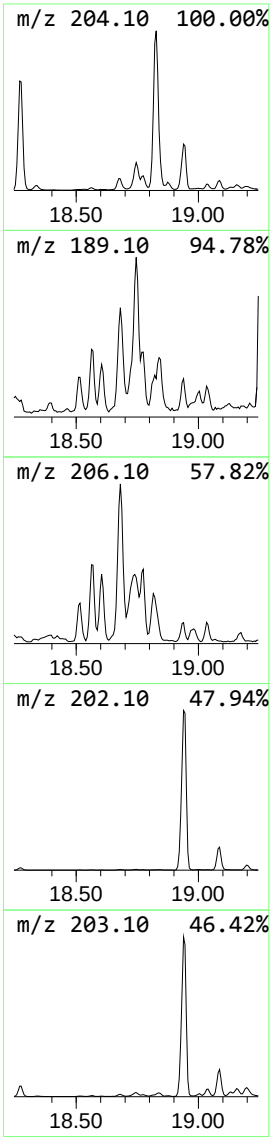
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Bis(bromomethyl)anthra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	6.38 ng	247586	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	96
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	27





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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

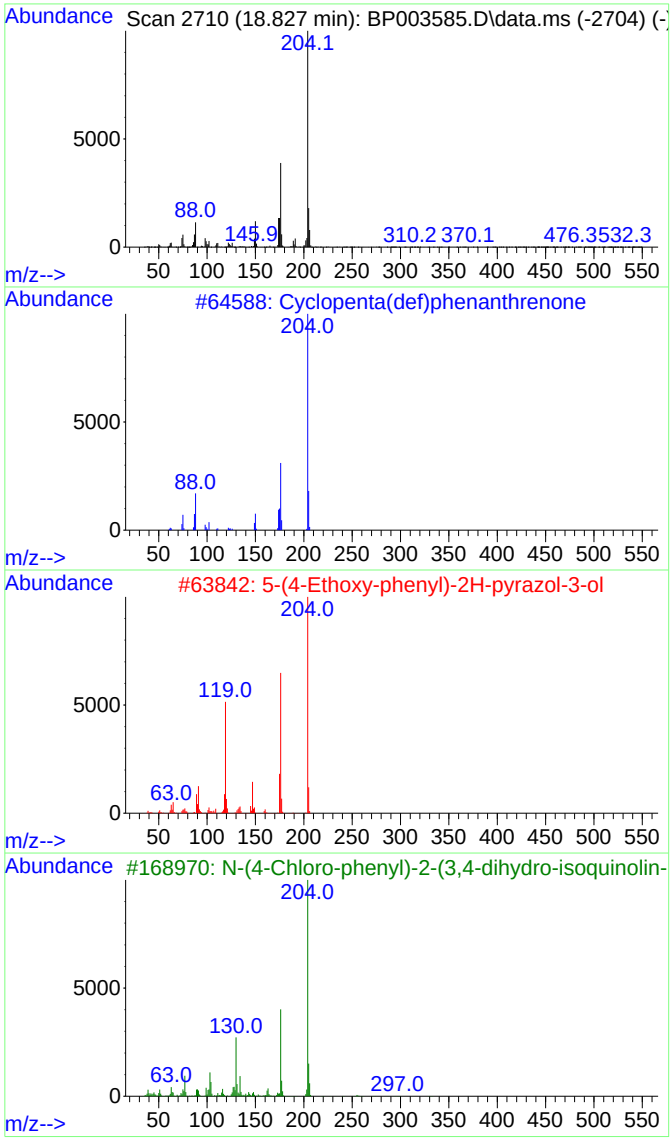
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

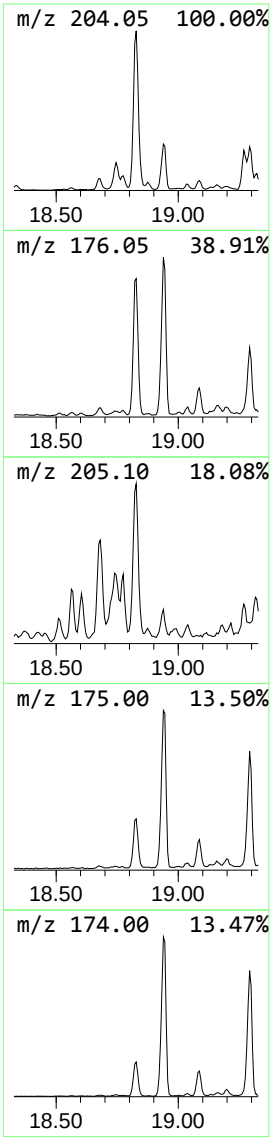
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.827	12.56 ng	487249	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

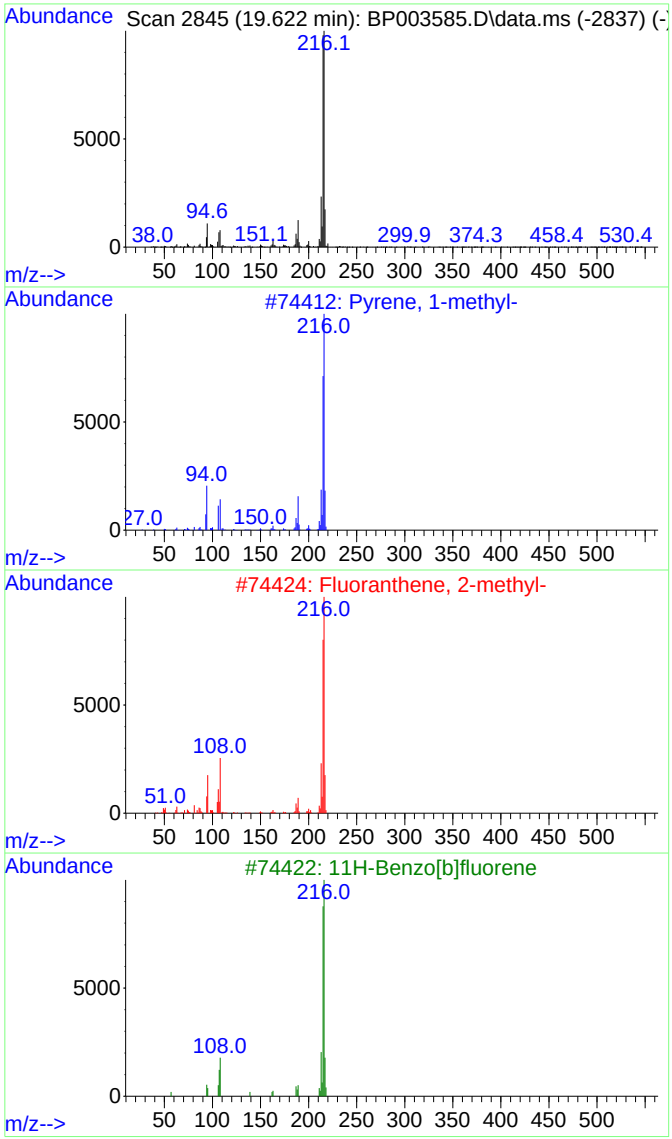
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

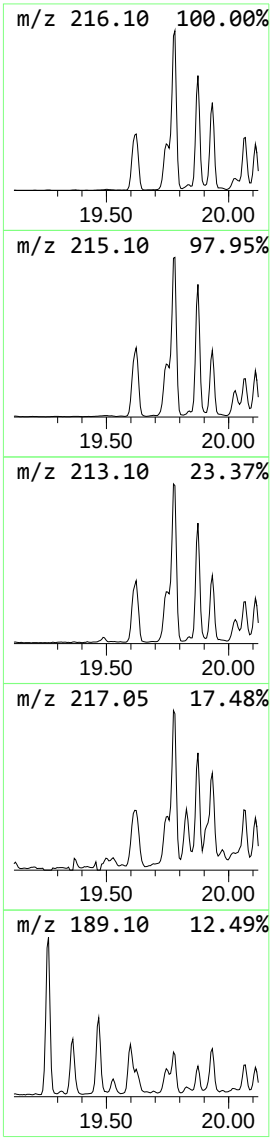
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.622	2.95 ng	928725	Chrysene-d12	21.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

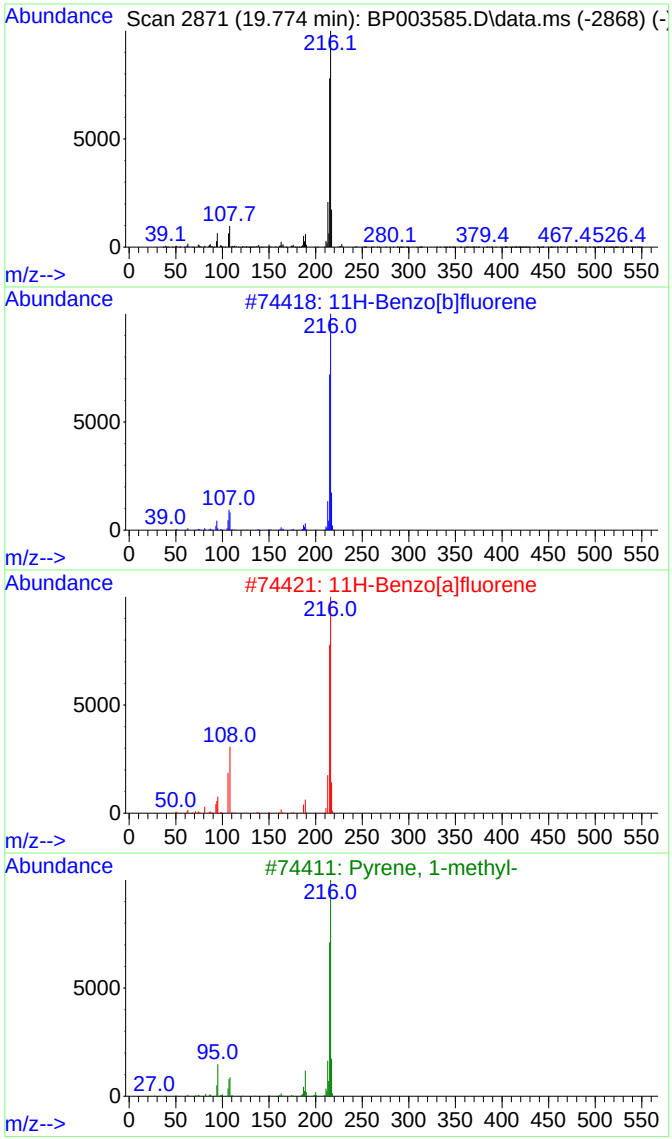
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

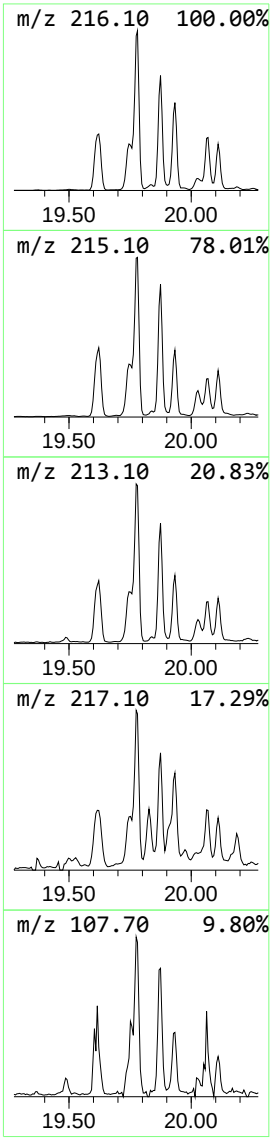
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.774	3.54 ng	1113320	Chrysene-d12	21.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

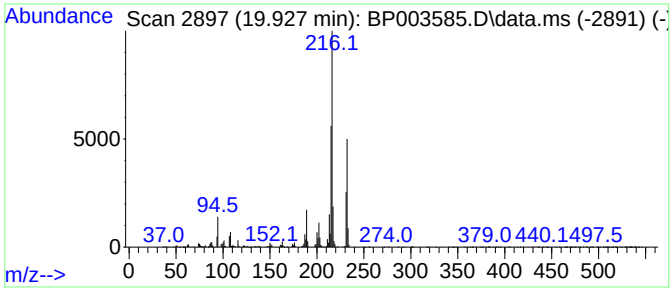
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

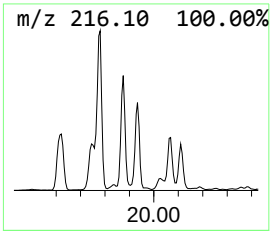
****

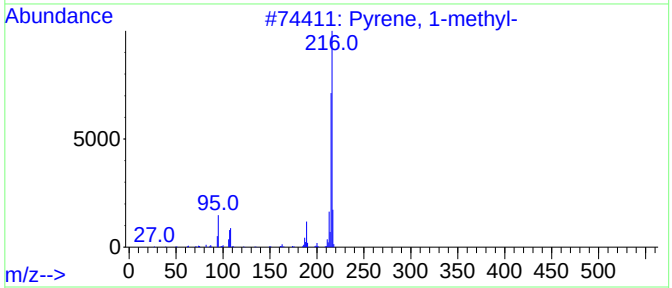
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 19

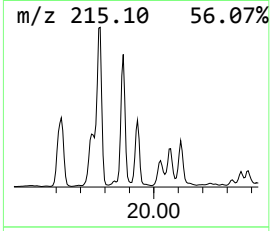
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	2.75 ng	865157	Chrysene-d12	21.016

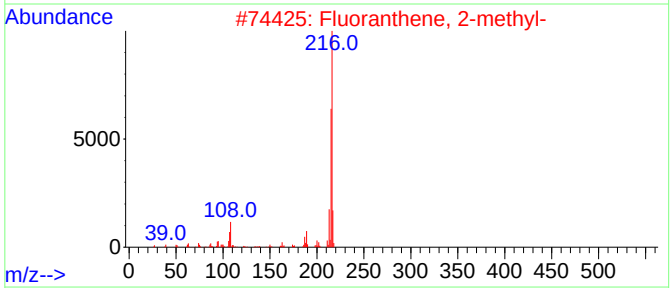
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55

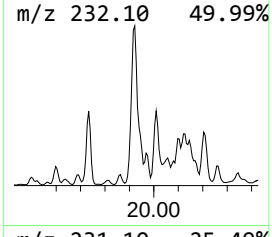


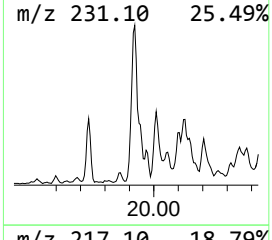


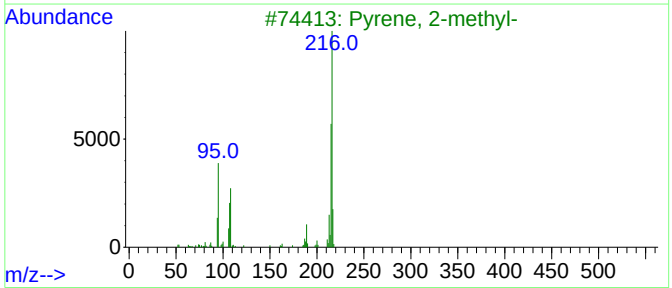


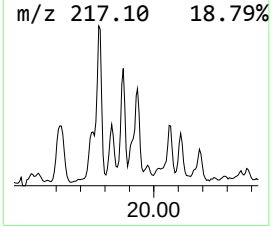












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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

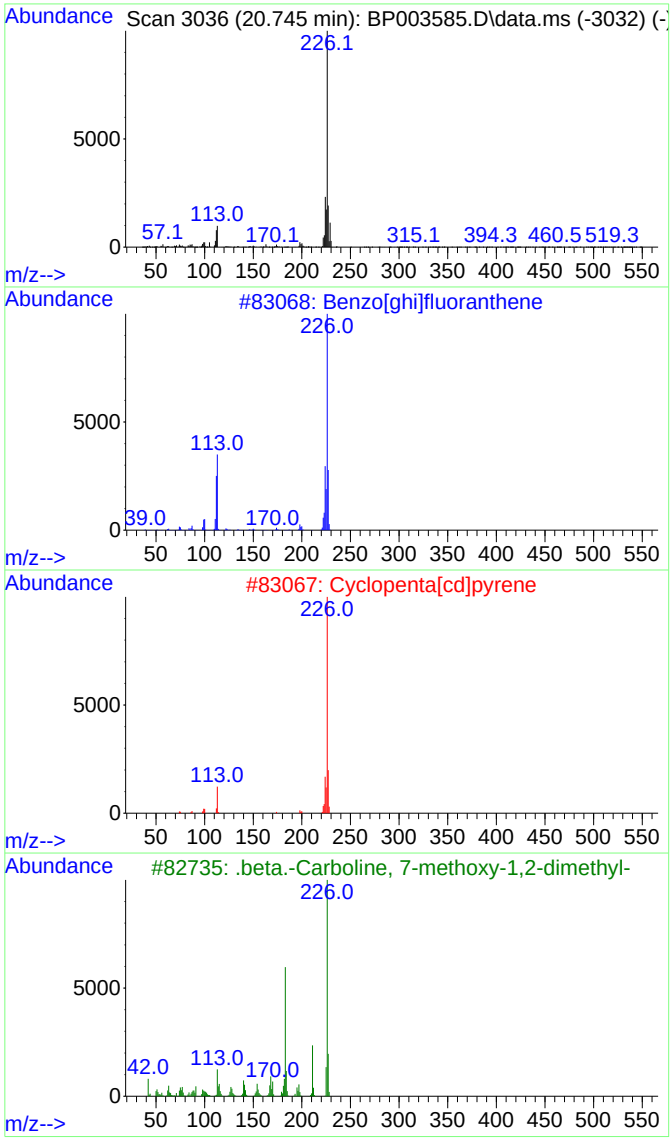
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

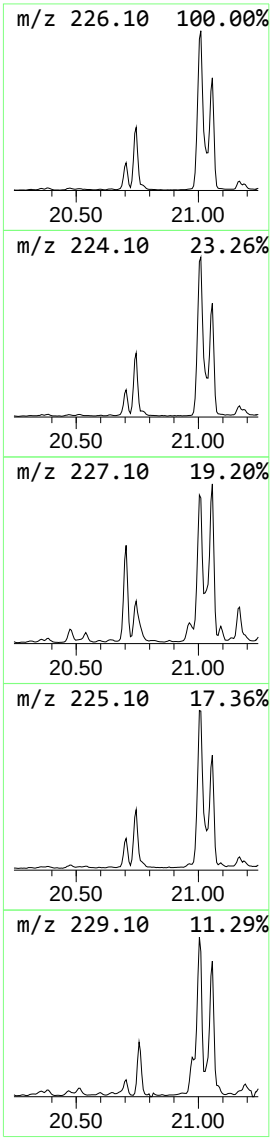
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[ghi]fluoranthene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	2.69 ng	845565	Chrysene-d12	21.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	53
5	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

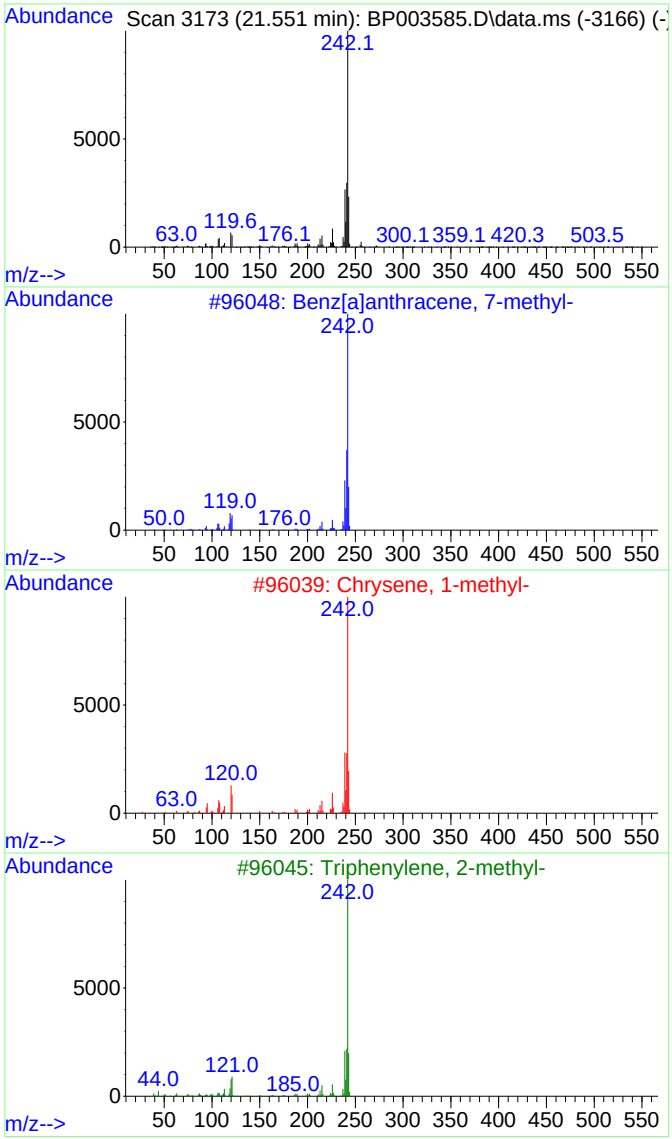
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

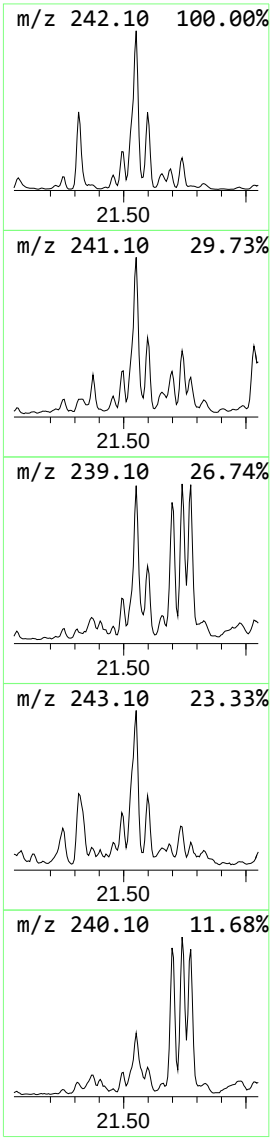
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.551	3.64 ng	1144030	Chrysene-d12	21.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91





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Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

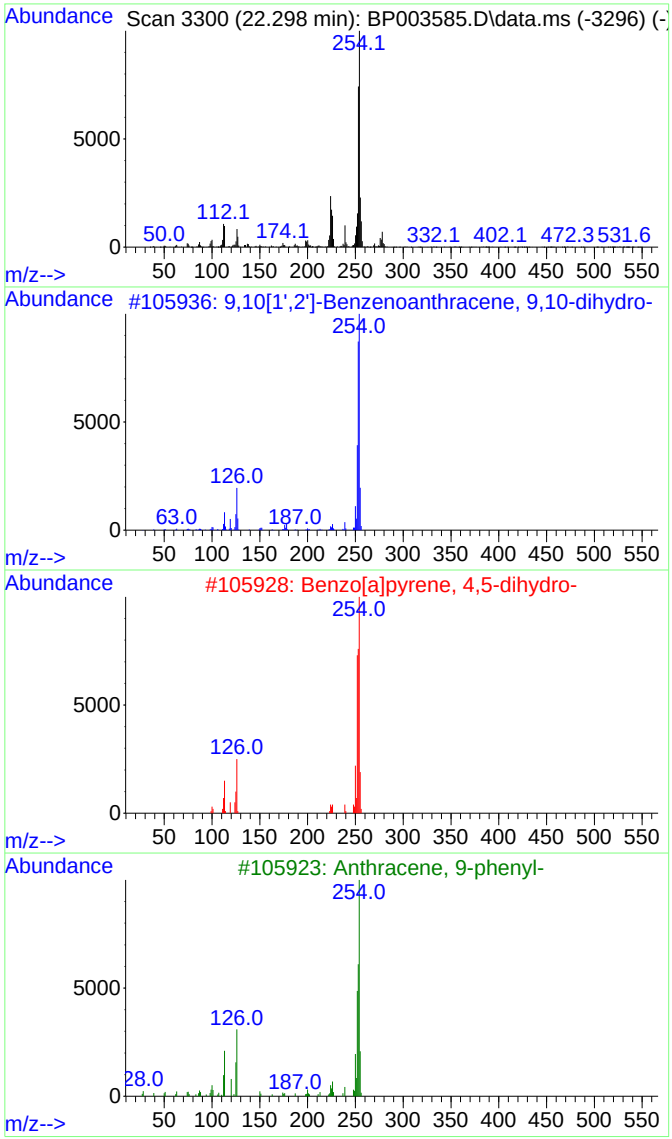
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

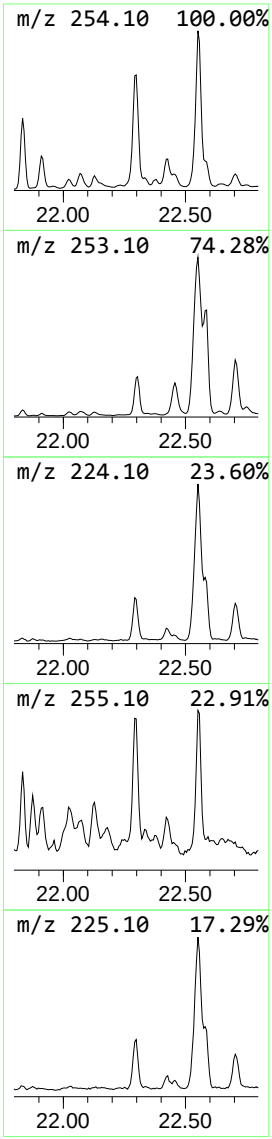
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,10[1',2']-Benzenoanthrace... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.298	7.71 ng	446594	Perylene-d12	23.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	72
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	72
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	72
4	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	64
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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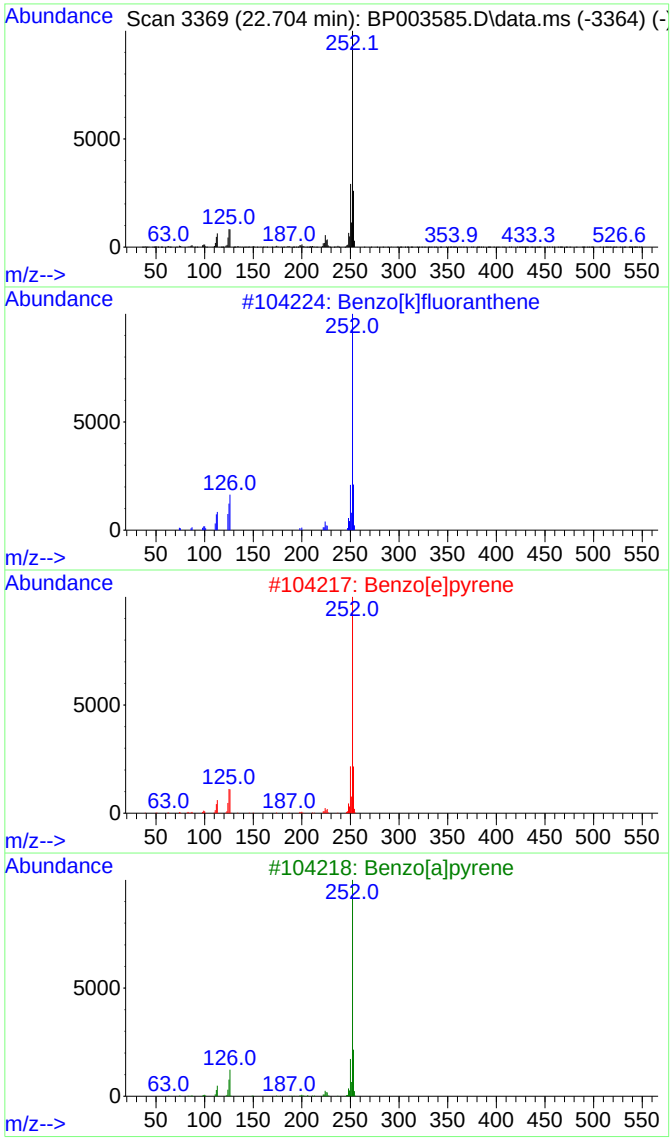
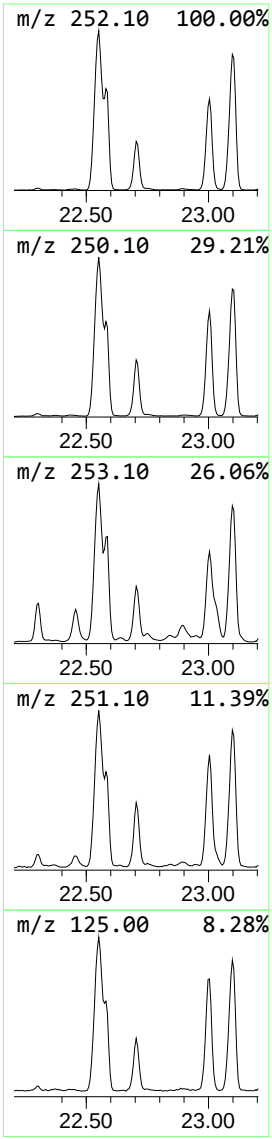
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.704	20.00 ng	1158510	Perylene-d12	23.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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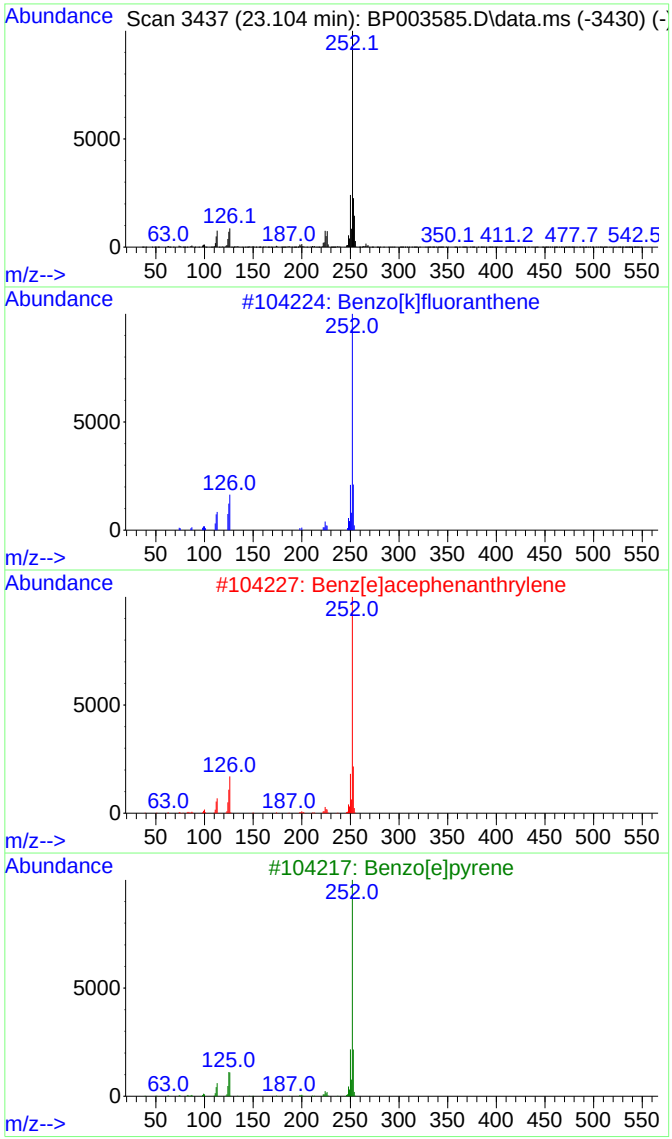
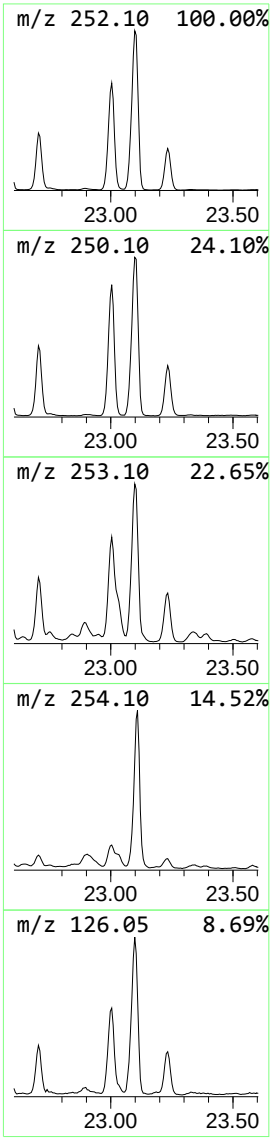
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.104	70.60 ng	4089030	Perylene-d12	23.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003585.D
Acq On : 08 Oct 2020 22:55
Operator : CG/JU
Sample : L4309-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OWLS-HEAD-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
3-Hexen-2-one	4.022	11.0	ng	220942	1	7.487	402025	20.0
2-Pentanone, 4-...	4.616	5.8	ng	117379	1	7.487	402025	20.0
9H-Fluoren-9-one	17.104	2.9	ng	112362	4	16.904	776127	20.0
Phenanthrene, 2...	17.780	6.9	ng	268922	4	16.904	776127	20.0
Phenanthrene, 1...	17.828	10.7	ng	414622	4	16.904	776127	20.0
1H-Cyclopropa[l...	17.910	7.3	ng	281442	4	16.904	776127	20.0
4H-Cyclopenta[d...	17.974	18.9	ng	734384	4	16.904	776127	20.0
Anthracene, 1-m...	18.004	5.8	ng	225713	4	16.904	776127	20.0
5,16[1',2']:8,1...	18.269	6.6	ng	256323	4	16.904	776127	20.0
9,10-Dimethylan...	18.680	6.6	ng	257572	4	16.904	776127	20.0
9,10-Bis(bromom...	18.745	6.4	ng	247586	4	16.904	776127	20.0
Cyclopenta(def)...	18.827	12.6	ng	487249	4	16.904	776127	20.0
Pyrene, 1-methyl-	19.622	3.0	ng	928725	5	21.016	6288810	20.0
11H-Benzo[b]flu...	19.774	3.5	ng	1113320	5	21.016	6288810	20.0
Fluoranthene, 2...	19.927	2.8	ng	865157	5	21.016	6288810	20.0
Benzo[ghi]fluor...	20.745	2.7	ng	845565	5	21.016	6288810	20.0
Benz[a]anthrace...	21.551	3.6	ng	1144030	5	21.016	6288810	20.0
9,10[1',2']-Ben...	22.298	7.7	ng	446594	6	23.186	1158290	20.0
Benzo[e]pyrene	22.704	20.0	ng	1158510	6	23.186	1158290	20.0
Benzo[j]fluoran...	23.104	70.6	ng	4089030	6	23.186	1158290	20.0