LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B10-100720-0-10

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: BP003575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	370	376	397	rBV	579524	948151	42.34%	3.142%
2	6.693	641	647	676	rBV	465901	883708	39.46%	2.928%
3	7.481	775	781	792	rBV	193705	324054	14.47%	1.074%
4	8.634	970	977	1000	rBV	357055	678796	30.31%	2.249%
5	10.257	1245	1253	1259	rBV	244127	426233	19.03%	1.412%
6	10.310	1259	1262	1275	rVB	35988	69134	3.09%	0.229%
7	11.716	1493	1501	1507	rBV	28876	44960	2.01%	0.149%
8	11.951	1534	1541	1549	rBV	15688	27296	1.22%	0.090%
9	12.169	1571	1578	1591	rVB	13416	28375	1.27%	0.094%
10	12.751	1671	1677	1699	rVB	991425	1490032	66.54%	4.937%
11	12.981	1711	1716	1723	rVB2	25738	36888	1.65%	0.122%
12	13.469	1793	1799	1805	rBV	12353	24425	1.09%	0.081%
13	13.610	1817	1823	1834	rBV	99396	151493	6.76%	0.502%
14	14.140	1907	1913	1920	rBV	346264	517053	23.09%	1.713%
15	14.204	1920	1924	1936	rVB	90015	139691	6.24%	0.463%
16	14.557	1979	1984	1991	rVB	39701	63670	2.84%	0.211%
17	15.204	2088	2094	2106	rBV	73903	117268	5.24%	0.389%
18	15.504	2141	2145	2154	rVB	24631	43363	1.94%	0.144%
19	15.645	2163	2169	2180	rBV	668764	1066269	47.61%	3.533%
20	15.734	2182	2184	2195	rVB4	13522	23255	1.04%	0.077%
21	15.892	2208	2211	2220	rVB6	10778	22517	1.01%	0.075%
22	16.216	2254	2266	2271	rBV4	21181	61693	2.75%	0.204%
23	16.575	2323	2327	2332	rVB2	16368	25888	1.16%	0.086%
24	16.651	2334	2340	2344	rVV2	30185	59627	2.66%	0.198%
25	16.722	2348	2352	2362	rVB	44492	79401	3.55%	0.263%
26	16.898	2377	2382	2385	rBV	440825	579114	25.86%	1.919%
27	16.939	2385	2389	2397	rVV	760466	1102838	49.25%	3.654%
28	17.039	2398	2406	2413	rVB	183093	286296	12.78%	0.949%
29	17.122	2413	2420	2424	rBV3	18192	35035	1.56%	0.116%
30	17.322	2448	2454	2467	rBV2	66323	149227	6.66%	0.494%
31	17.422	2467	2471	2475	rBV	25092	33507	1.50%	0.111%
32	17.781	2527	2532	2536	rBV	95060	128190	5.72%	0.425%
33	17.828	2536	2540	2546	rVV	163240	239007	10.67%	0.792%
34	17.910	2551	2554	2559	rVV	68806	96384	4.30%	0.319%
35	17.969	2559	2564	2568	rVV2	159099	267446	11.94%	0.886%
36	18.010	2568	2571	2580	rVB	65540	98720	4.41%	0.327%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B10-100720-0-10

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	18.269	2611	2615	2620	rVV	75237	92611	4.14%	0.307%
38	18.333	2622	2626	2632	rVB	30599	39782	1.78%	0.132%
39	18.510	2654	2656	2661	rVB2	25328	30516	1.36%	0.101%
40	18.563	2662	2665	2668	rVV2	20697	25710	1.15%	0.085%
41	18.604	2668	2672	2675	rVB3	24248	30808	1.38%	0.102%
42	18.681	2680	2685	2688	rBV	59160	85546	3.82%	0.283%
43	18.769	2698	2700	2704	rVB	27918	28159	1.26%	0.093%
44	18.828	2704	2710	2715	rBV3	47047	90756	4.05%	0.301%
45	18.933	2722	2728	2735	rBV	1335355	1681301	75.08%	5.571%
46	19.033	2742	2745	2749	rBV2	30120	38492	1.72%	0.128%
47	19.169	2764	2768	2770	rBV2	51336	69687	3.11%	0.231%
48	19.192	2770	2772	2779	rVB2	72336	91693	4.09%	0.304%
49	19.280	2779	2787	2792	rBV	1228815	1907413	85.17%	6.320%
50	19.363	2797	2801	2808	rVB2	60251	96231	4.30%	0.319%
51	19.486	2815	2822	2827	rBV	1919298	2239468	100.00%	7.420%
52	19.539	2827	2831	2837	rVB	64460	101649	4.54%	0.337%
53	19.610	2837	2843	2850	rBV3	70889	192410	8.59%	0.638%
54	19.775	2861	2871	2874	rBV3	177014	361487	16.14%	1.198%
55	19.869	2884	2887	2891	rBV	111428	129222	5.77%	0.428%
56	19.927	2891	2897	2903	rBV3	120635	234265	10.46%	0.776%
57	20.063	2916	2920	2924	rBV	84047	108245	4.83%	0.359%
58	20.110	2924	2928	2932	rVV2	87882	124274	5.55%	0.412%
59	20.169	2935	2938	2941	rVB	222782	232134	10.37%	0.769%
60	20.386	2972	2975	2978	rBV2	40526	42958	1.92%	0.142%
61	20.516	2994	2997	3001	rVB	68951	79500	3.55%	0.263%
62	20.669	3019	3023	3025	rBV	89567	112426	5.02%	0.373%
63	20.698	3025	3028	3031	rVV	109551	117562	5.25%	0.390%
64	20.733	3031	3034	3041	rVV3	285857	443950	19.82%	1.471%
65	20.998	3071	3079	3084	rBV2	961474	2031432	90.71%	6.731%
66	21.045	3084	3087	3091	rVB	678656	780121	34.84%	2.585%
67	21.163	3103	3107	3111	rBV2	201281	247283	11.04%	0.819%
68	21.327	3131	3135	3139	rVB2	85142	121231	5.41%	0.402%
69	21.545	3169	3172	3176	rVB	132961	151604	6.77%	0.502%
70	21.592	3176	3180	3186	rVB2	103125	175522	7.84%	0.582%
71	21.733	3202	3204	3207	rBV	60789	75337	3.36%	0.250%
72	22.027	3250	3254	3258	rBV2	150961	224956	10.05%	0.745%
73	22.527	3334	3339	3344	rBV	709399	1511175	67.48%	5.007%
74	22.698	3364	3368	3373	rVB	156552	235992	10.54%	0.782%
75	22.986	3412	3417	3426	rVB	483978	807881	36.07%	2.677%
76	23.080	3427	3433	3440	rVV	708326	1307505	58.38%	4.332%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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	23.174	3444	3449	3454	rVV	493064	893069	39.88%	2.959%
78	23.221	3454	3457	3467	rVB	208723	397803	17.76%	1.318%
79	25.368	3815	3822	3833	rVB3	374666	1016436	45.39%	3.368%
80	26.039	3928	3936	3956	rVB	315203	1006101	44.93%	3.334%

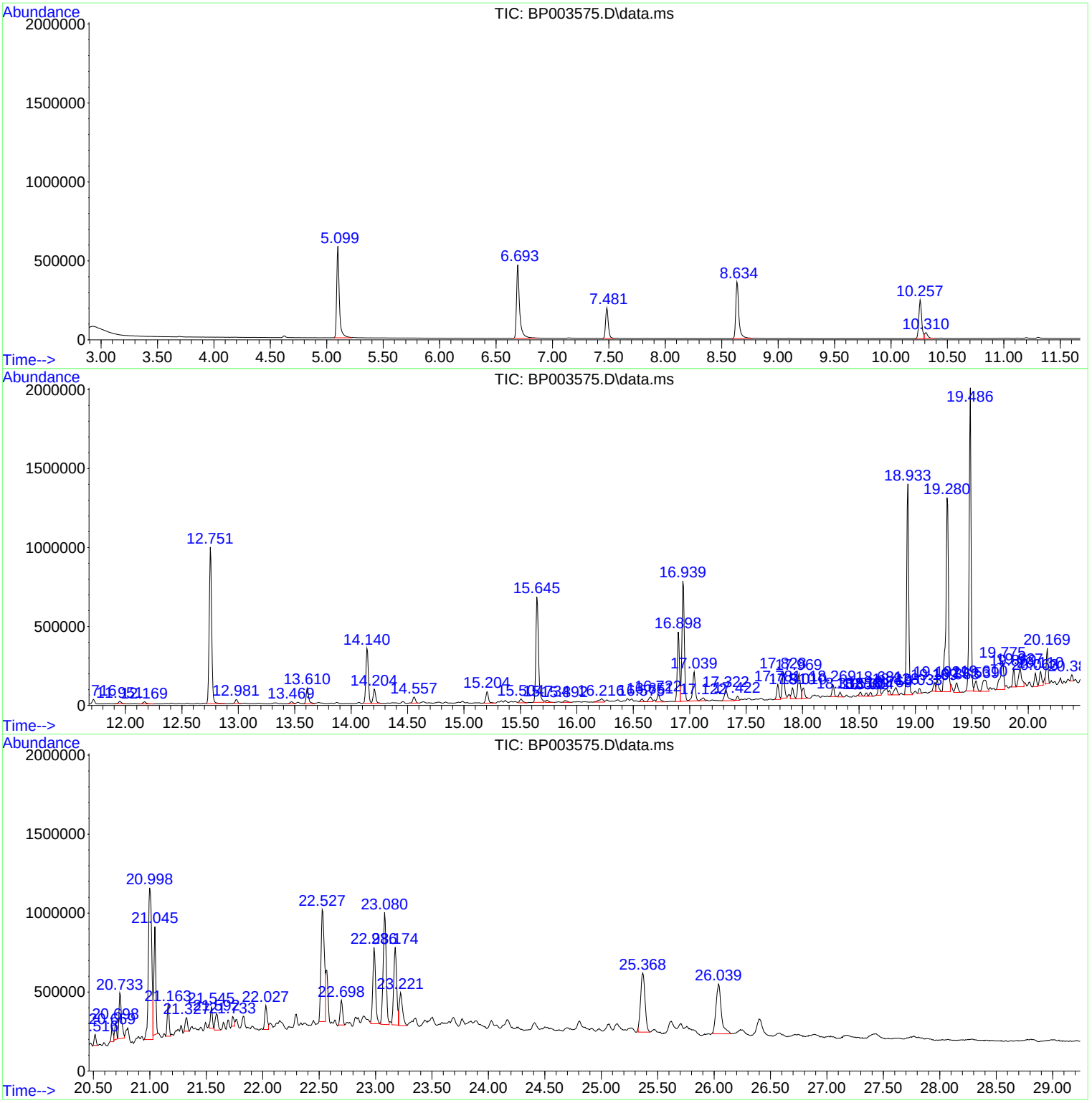
Sum of corrected areas: 30180707

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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 : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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

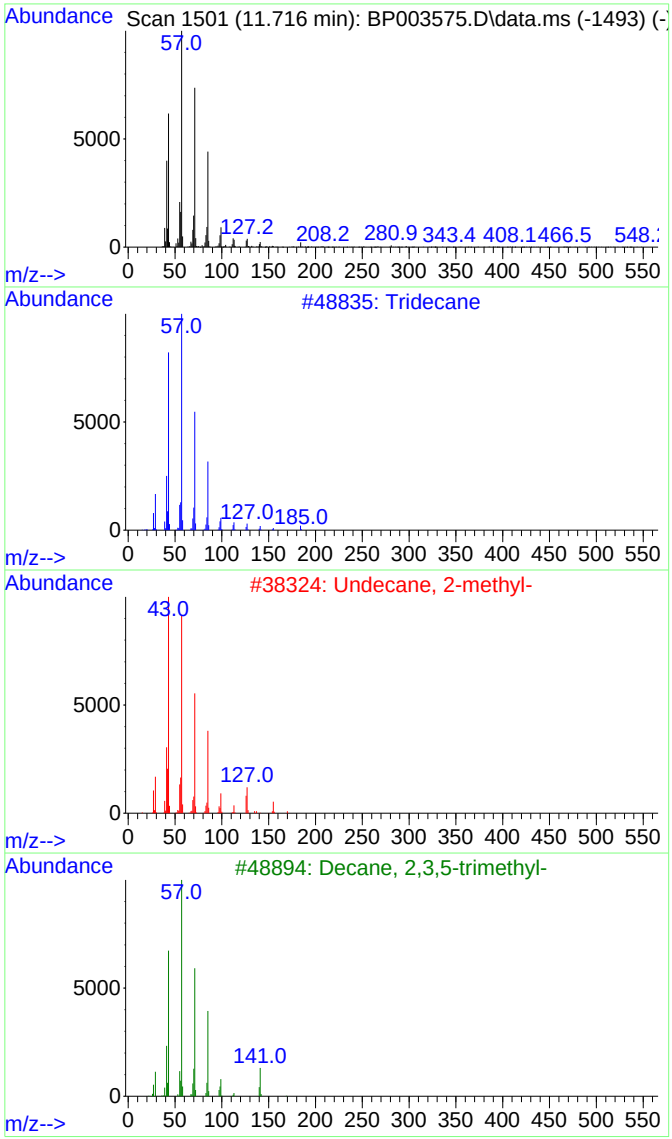
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

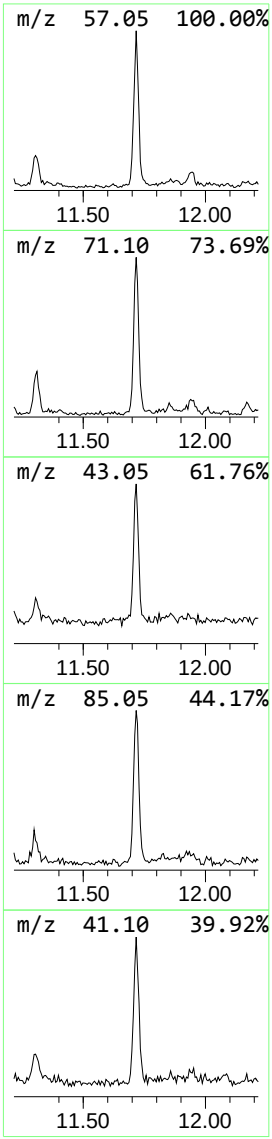
****

Peak Number 1 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	2.11 ng	44960	Naphthalene-d8	10.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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

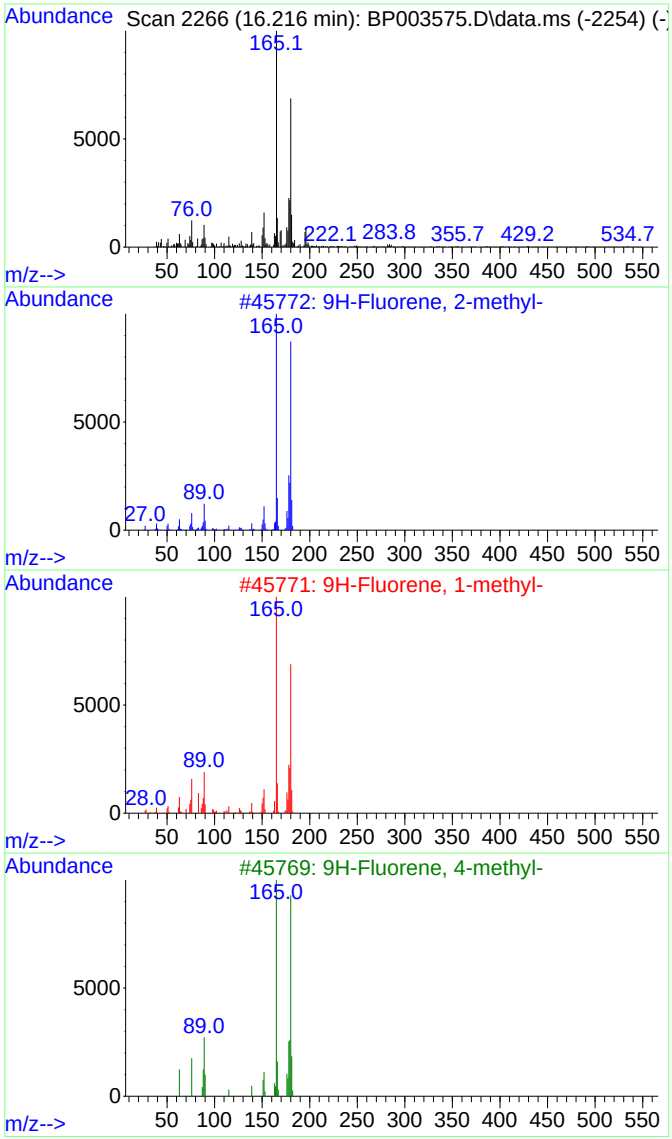
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

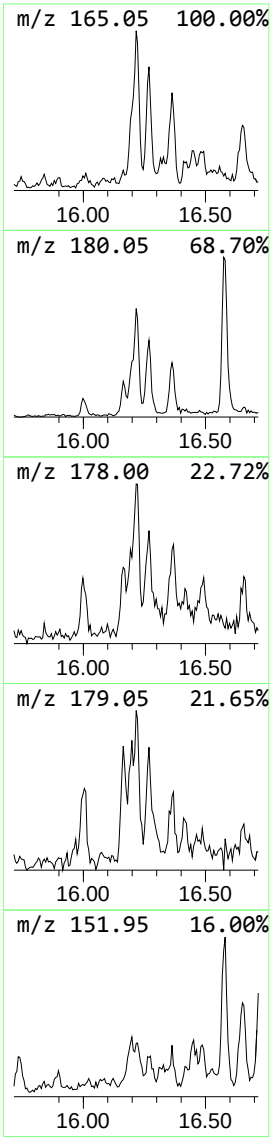
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.216	2.13 ng	61693	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

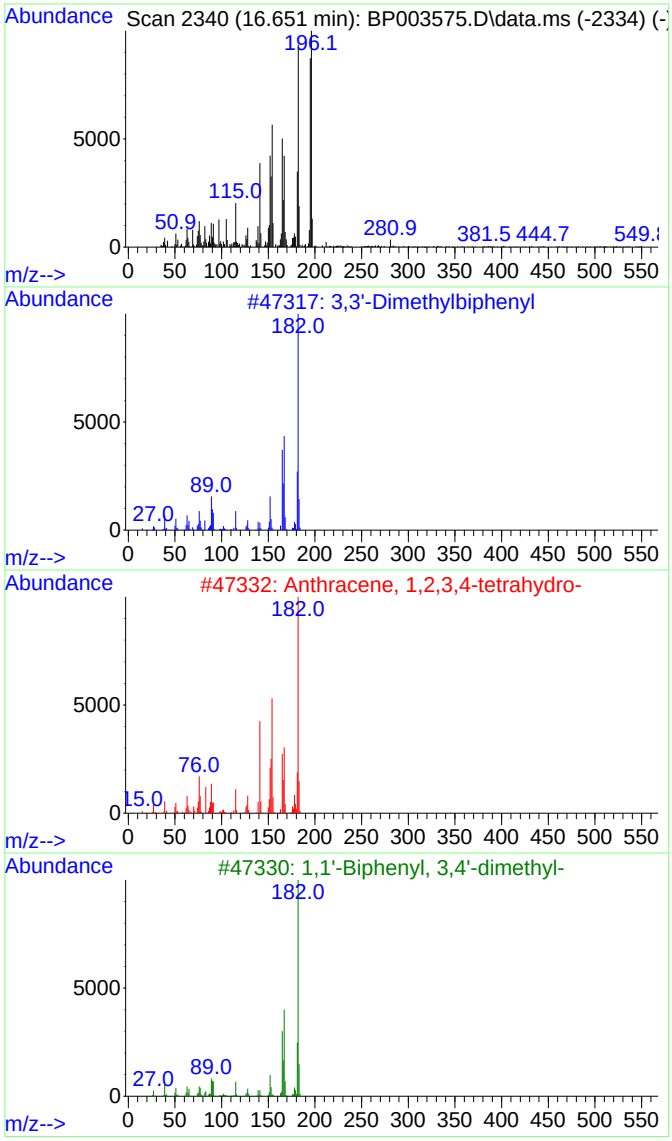
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

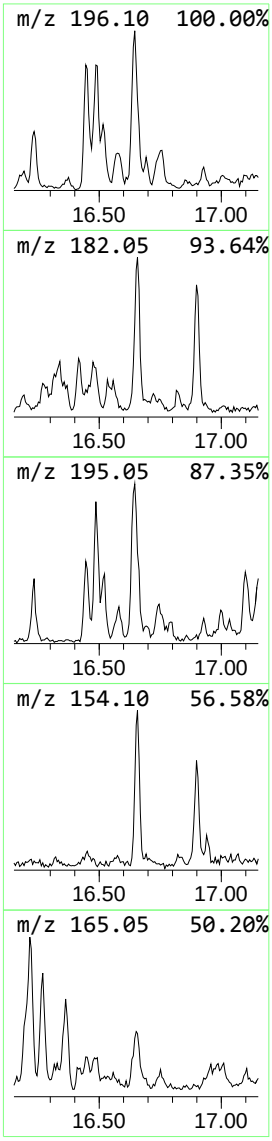
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3,3'-Dimethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.651	2.06 ng	59627	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	62
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	50
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	42
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
5	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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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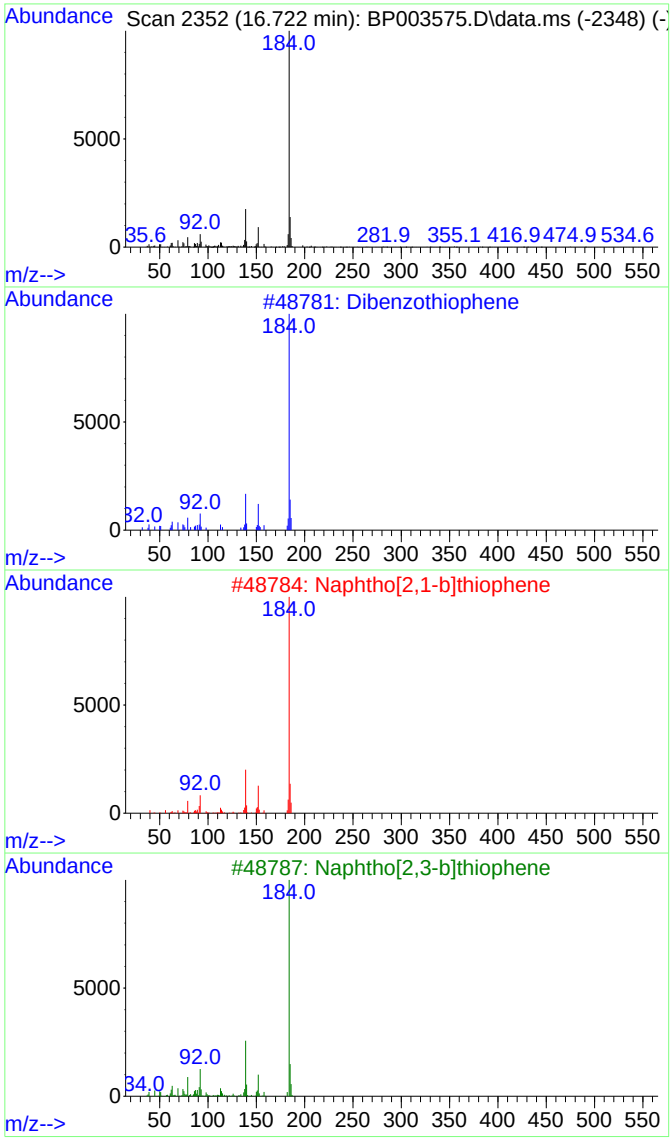
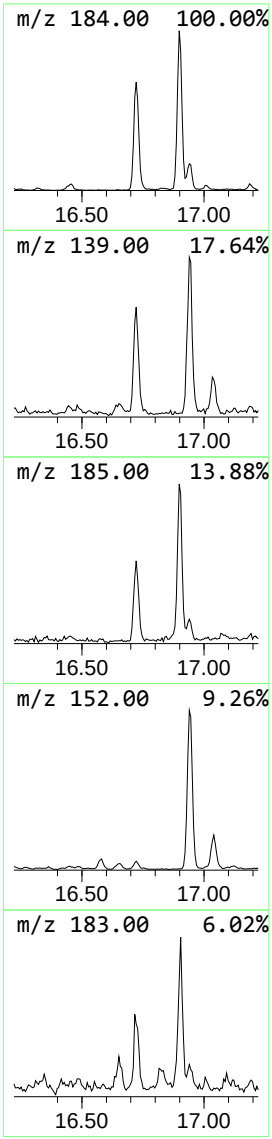
Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	2.74 ng	79401	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B10-100720-0-10

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

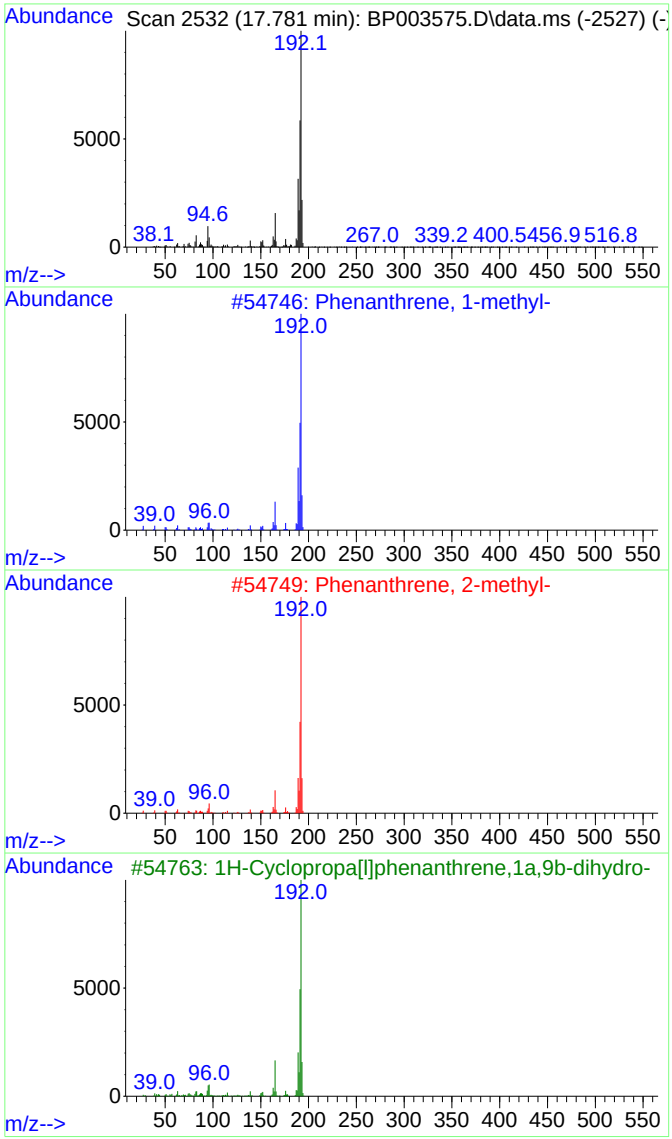
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

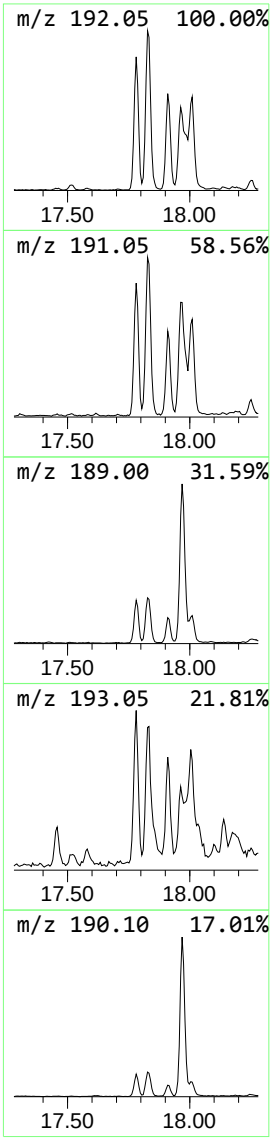
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.781	4.43 ng	128190	Phenanthrene-d10	16.898

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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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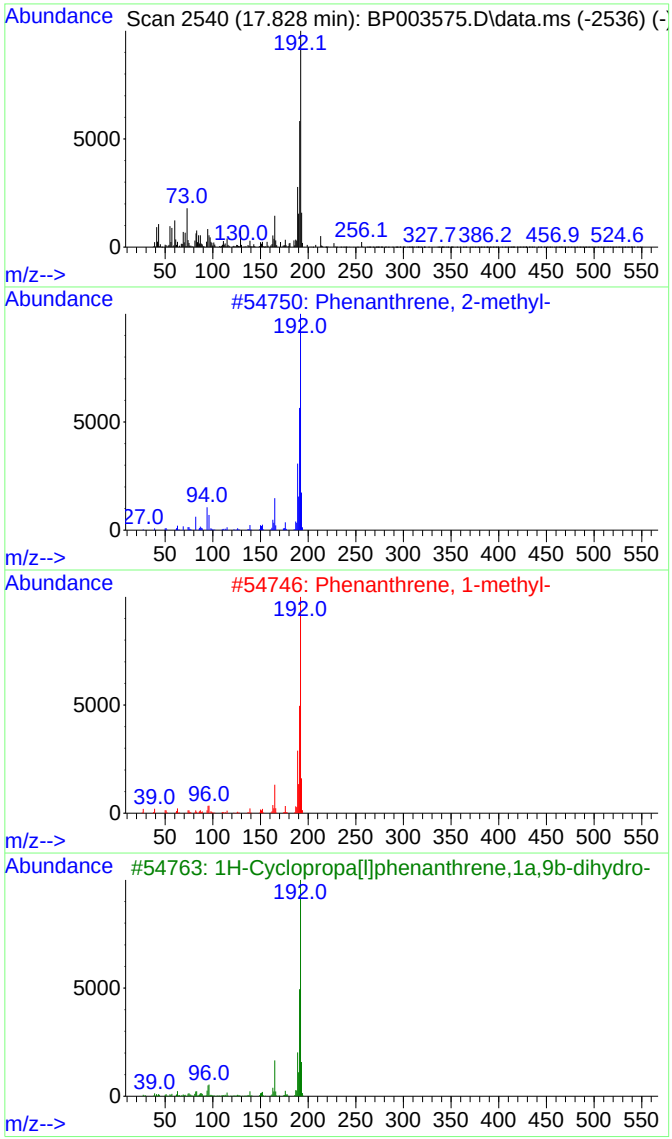
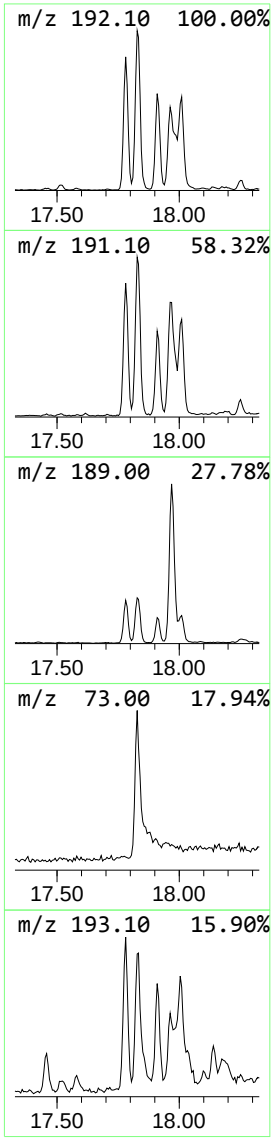
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	8.25 ng	239007	Phenanthrene-d10	16.898

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

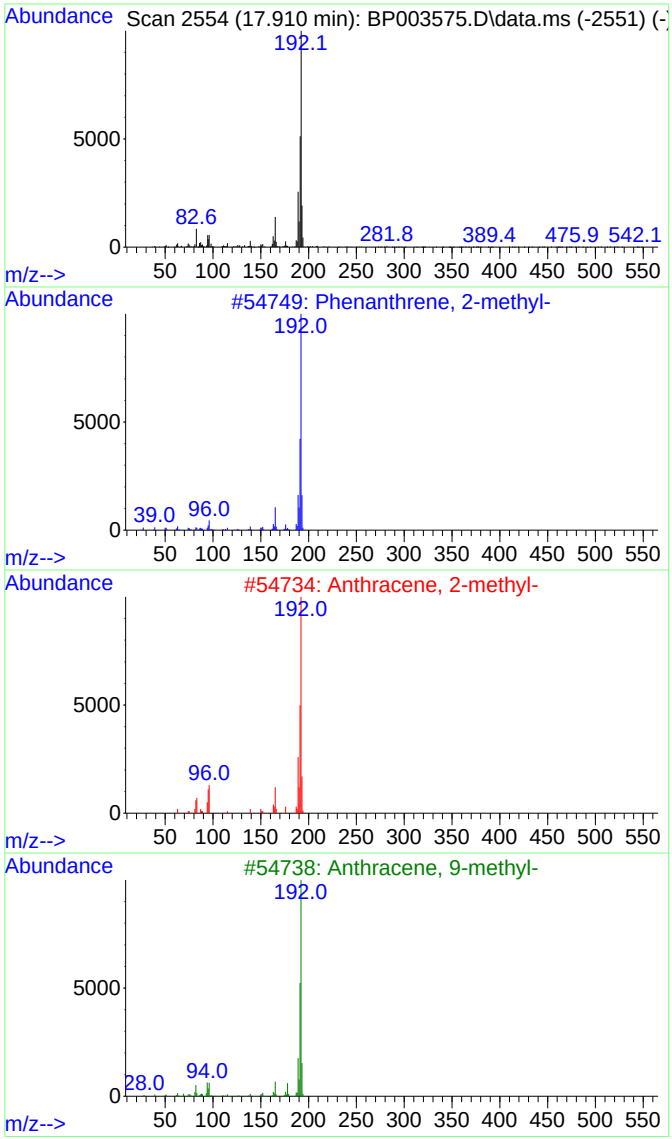
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

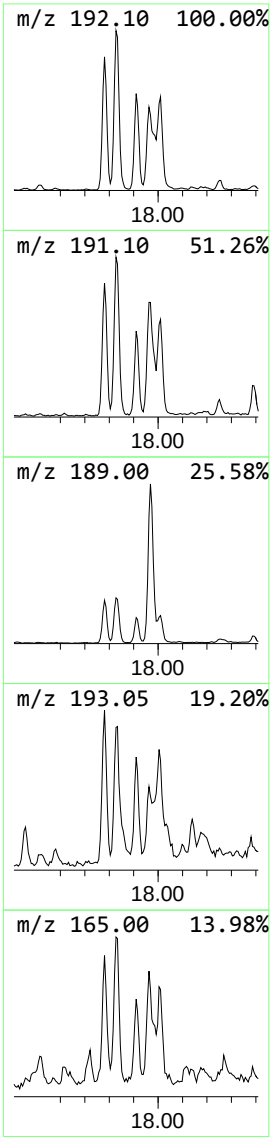
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	3.33 ng	96384	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

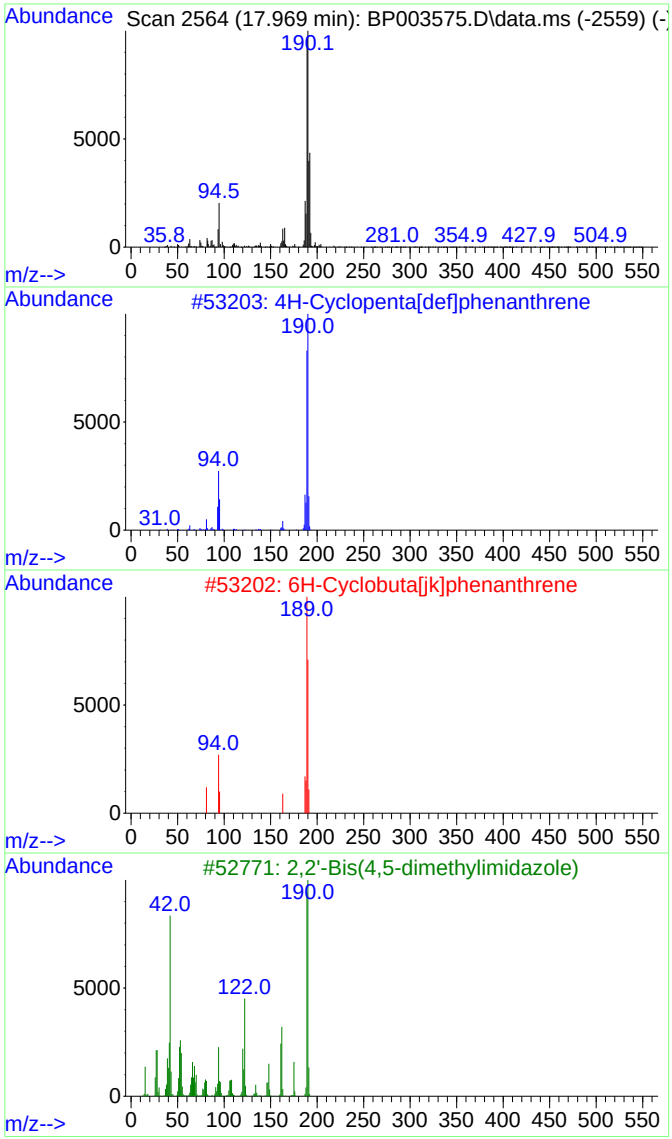
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

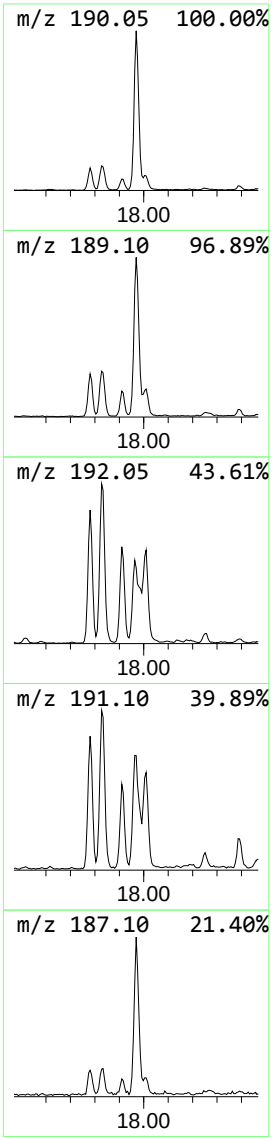
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	9.24 ng	267446	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	10
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	10





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Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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

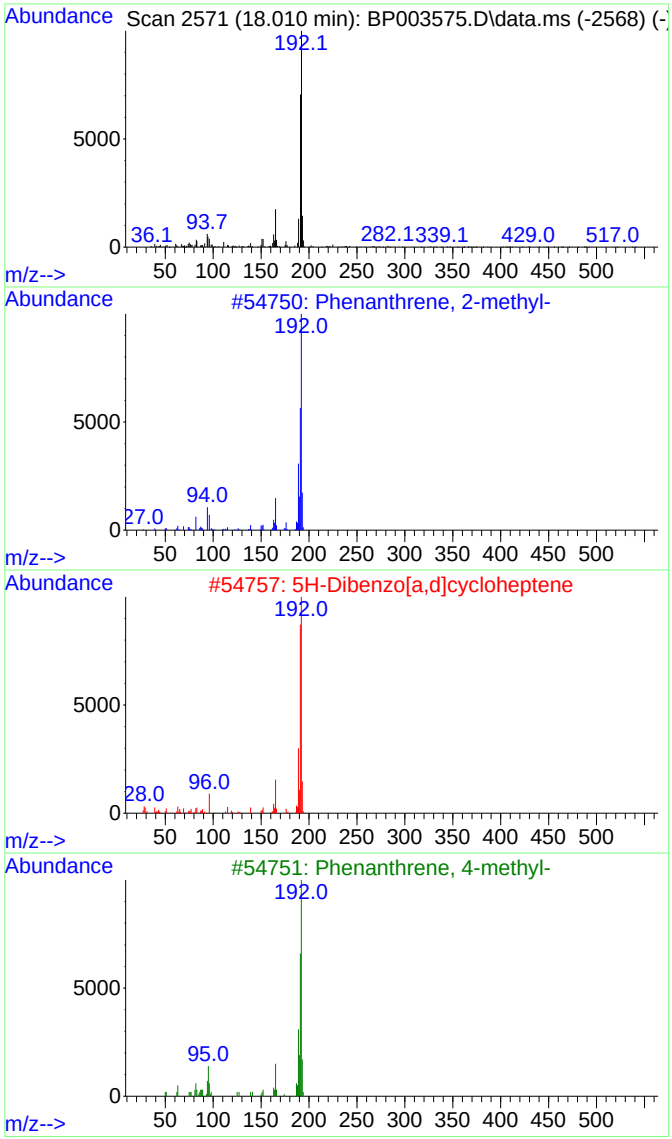
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

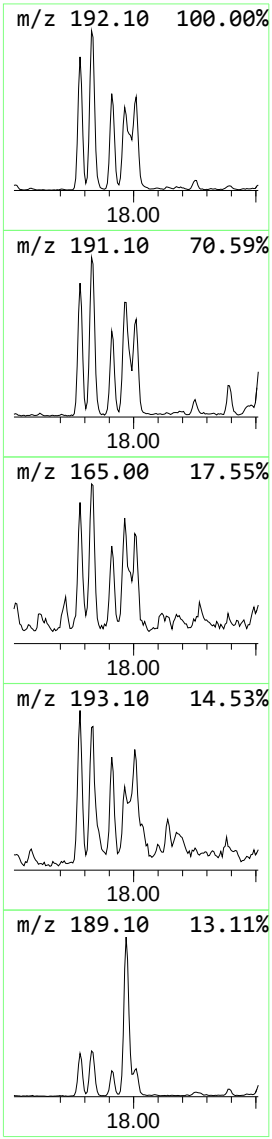
****

Peak Number 9 5H-Dibenzo[a,d]cycloheptene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	3.41 ng	98720	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83





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Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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

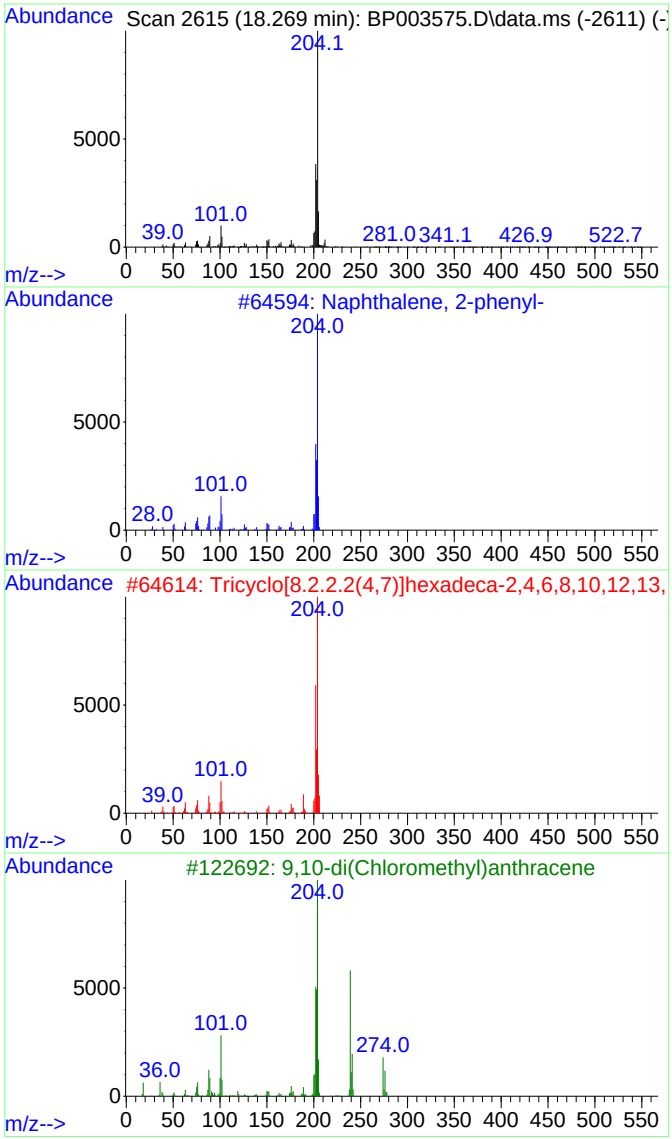
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

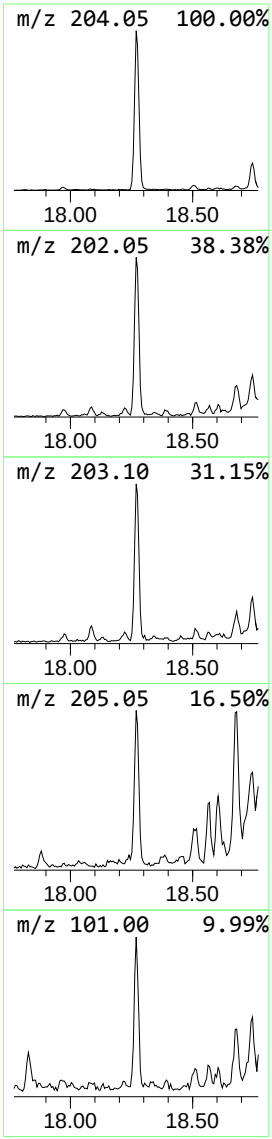
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	3.20 ng	92611	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
5	Levamisole	204	C11H12N2S	014769-73-4	49





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Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

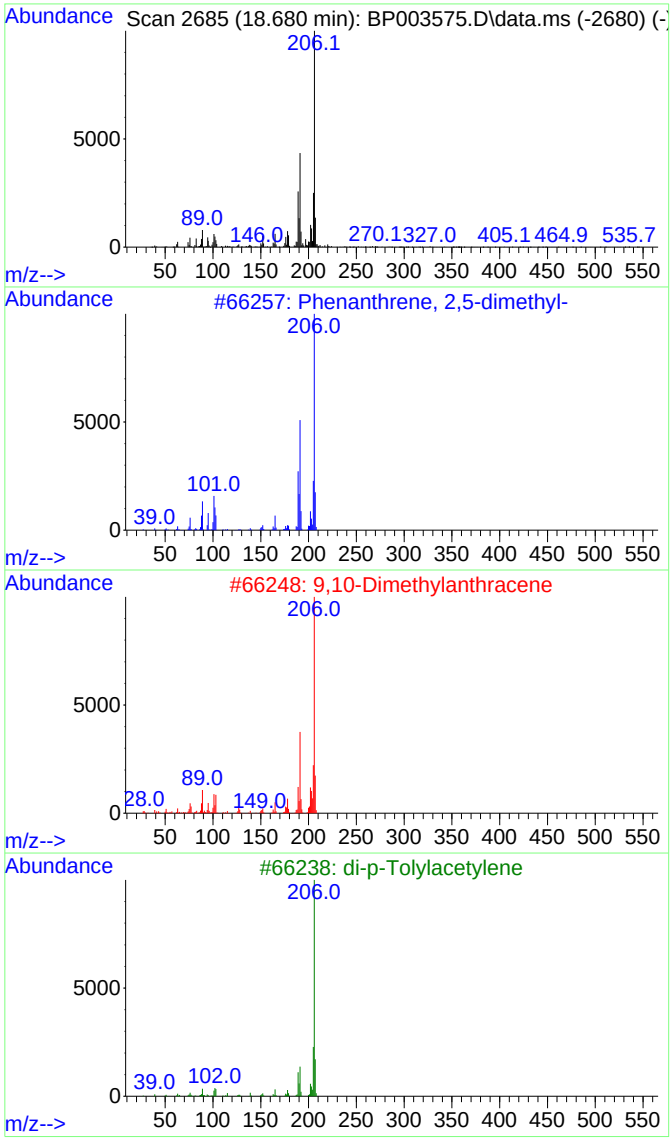
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

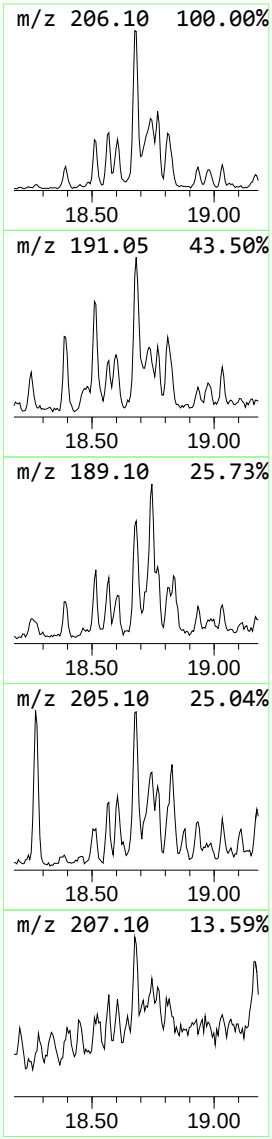
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	2.95 ng	85546	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

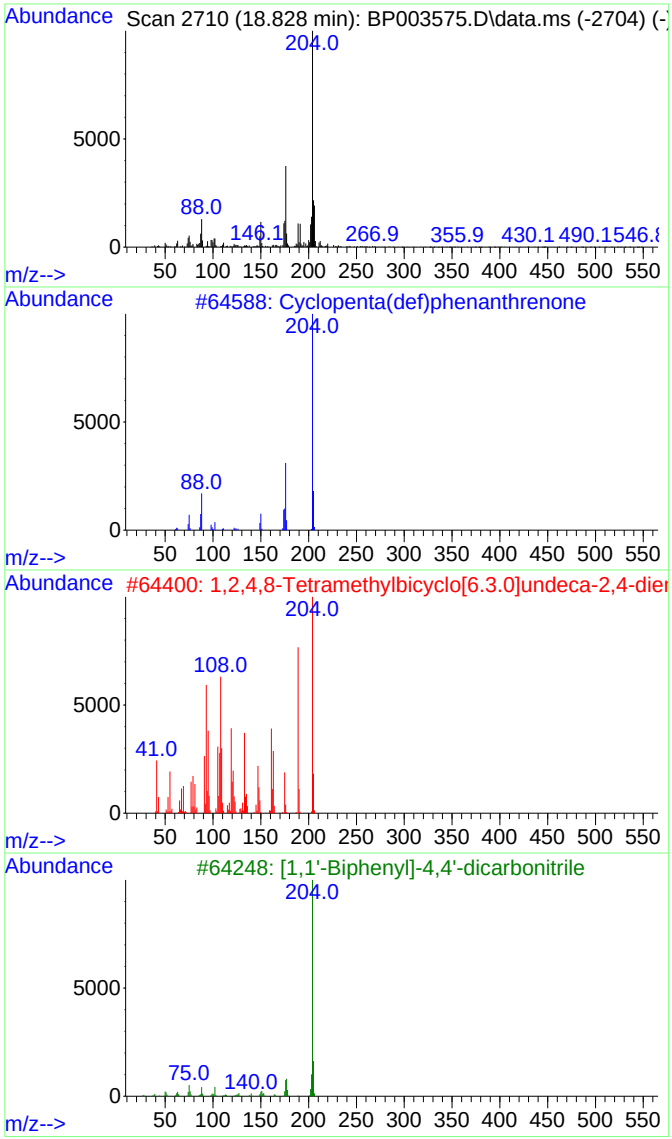
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

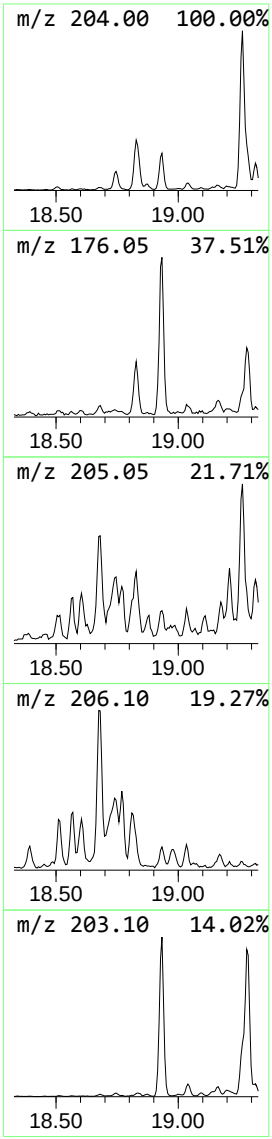
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.828	3.13 ng	90756	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	38





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Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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

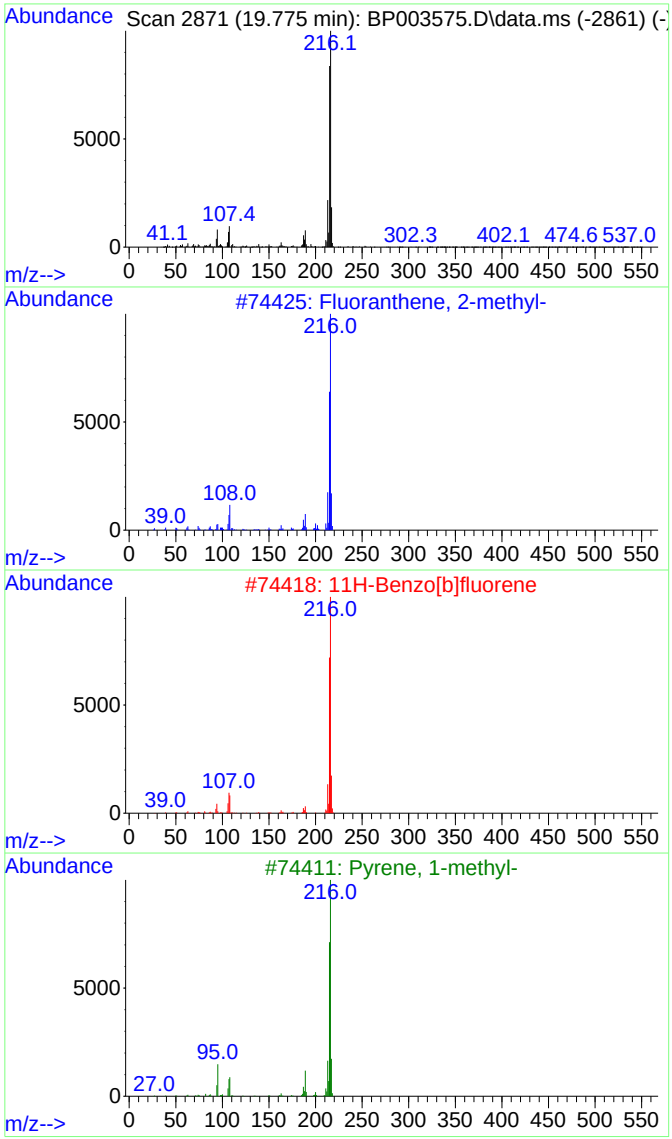
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

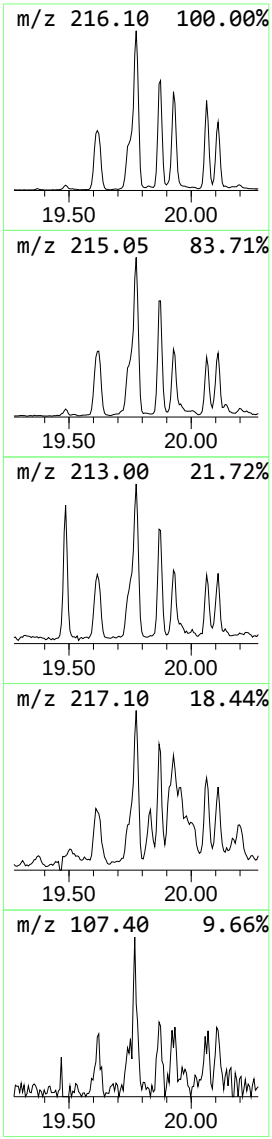
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.775	3.56 ng	361487	Chrysene-d12	21.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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

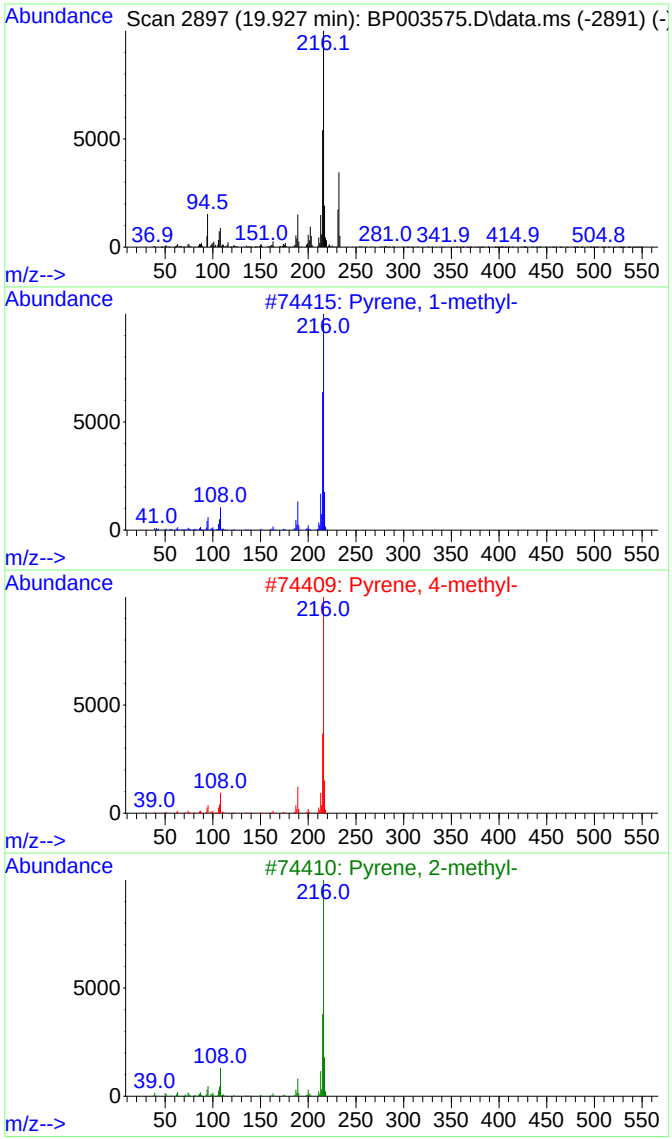
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

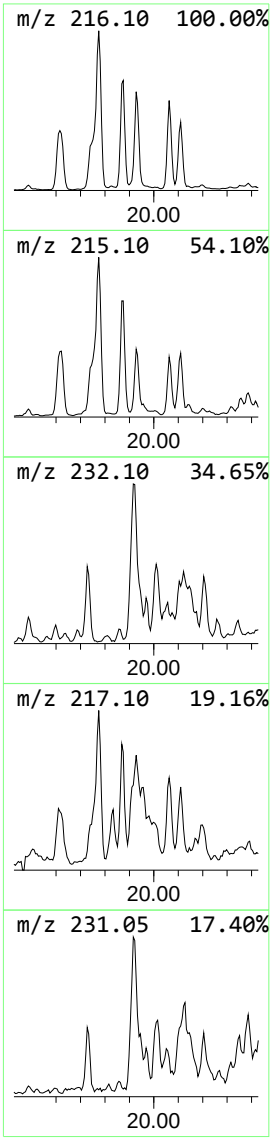
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	2.31 ng	234265	Chrysene-d12	21.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52





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Acq On : 08 Oct 2020 17:15
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Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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

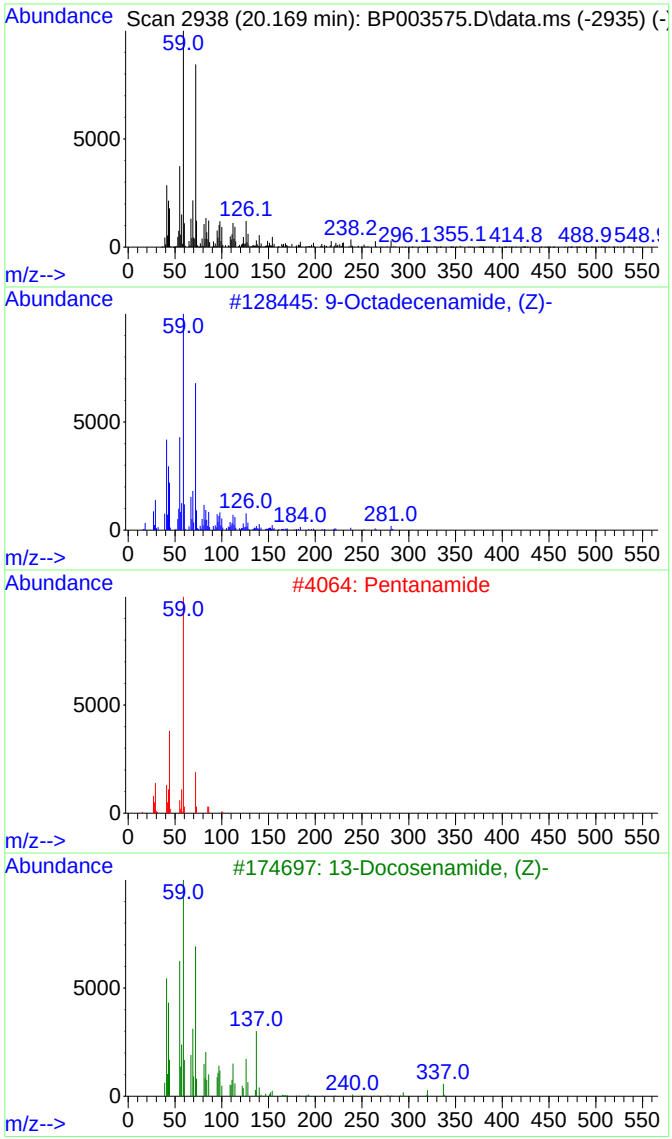
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

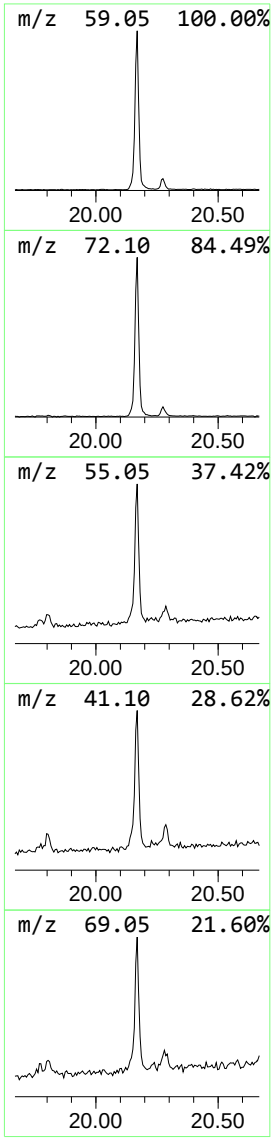
****

Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.169	2.29 ng	232134	Chrysene-d12	21.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Pentanamide	101	C5H11NO	000626-97-1	53
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	46
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43
5	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	35





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

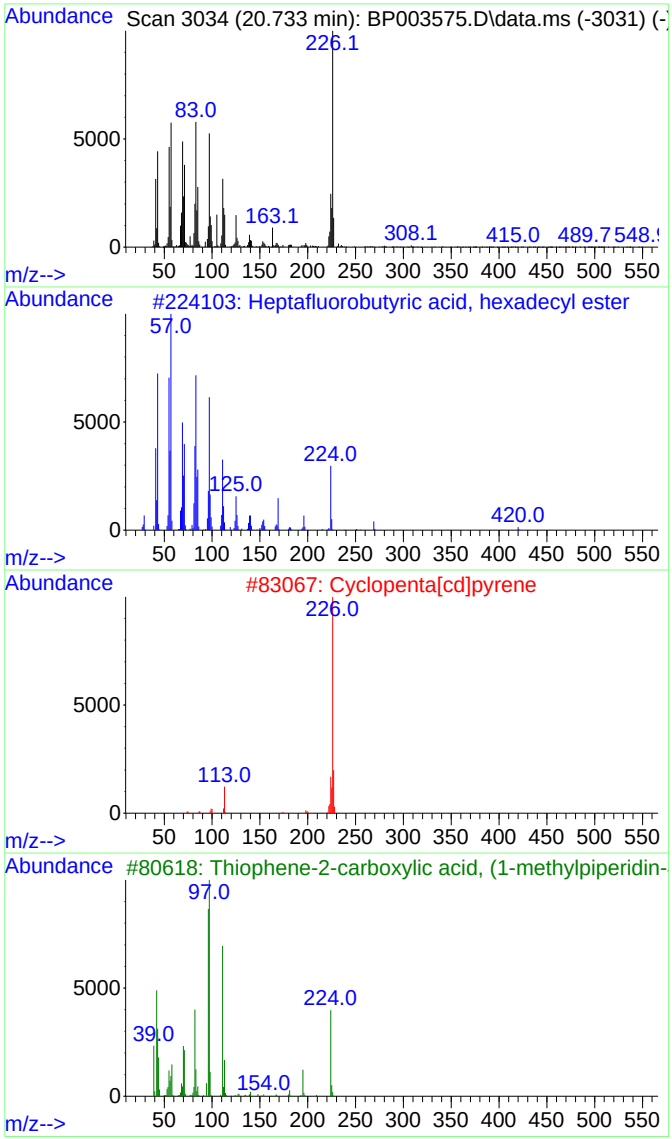
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

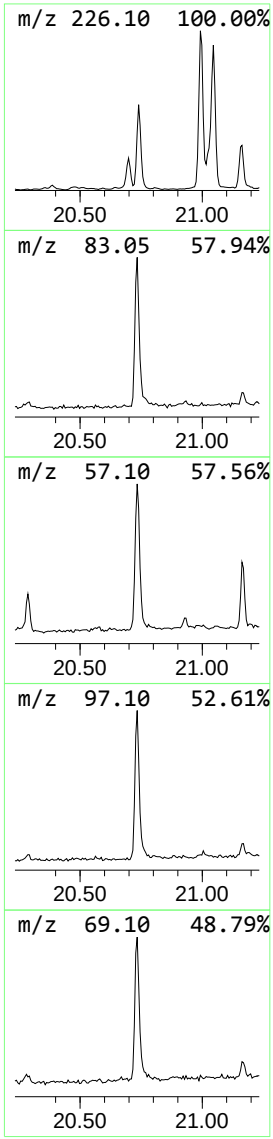
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptafluorobutyric acid, he... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	4.37 ng	443950	Chrysene-d12	21.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	52
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30
3	Thiophene-2-carboxylic acid, (1-...	224	C11H16N2OS	1000302-17-7	25
4	Heptadecafluorononanoic acid, he...	688	C25H33F17O2	1000356-03-2	22
5	Benzenesulfonic acid, 3,4-dichloro-	226	C6H4Cl2O3S	000939-95-7	22





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Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B10-100720-0-10

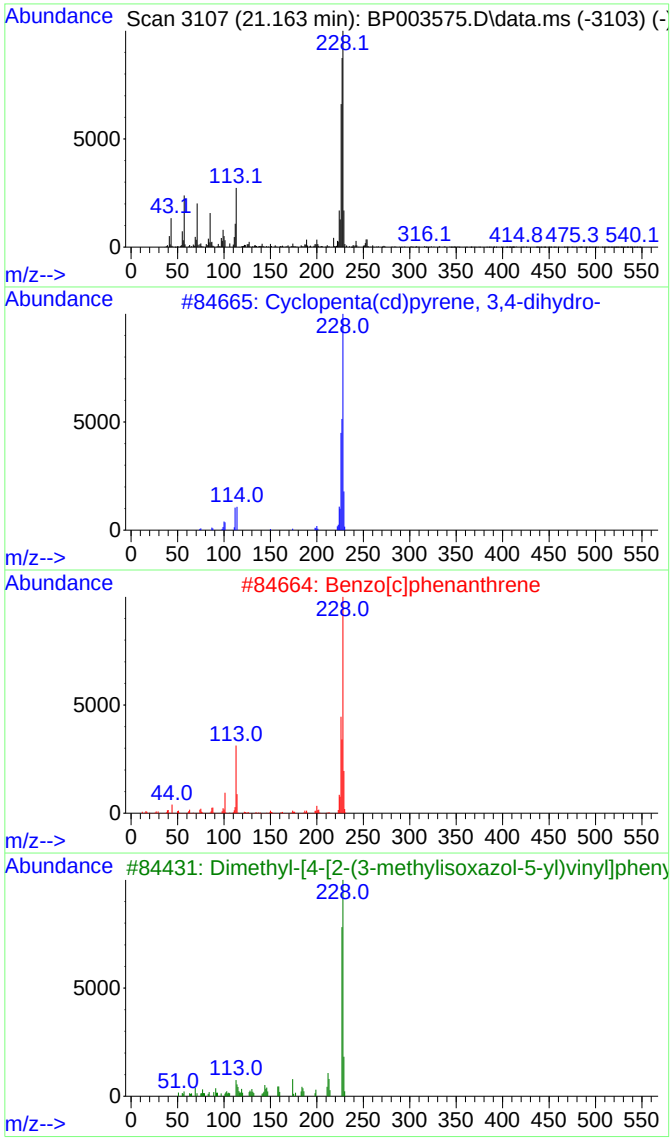
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

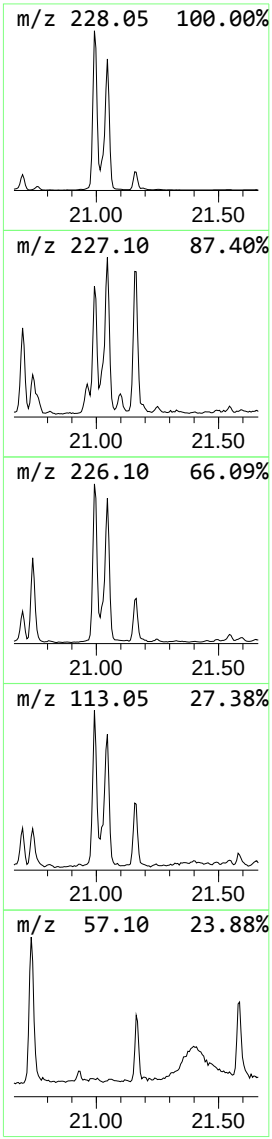
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	2.43 ng	247283	Chrysene-d12	21.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38
5	Benz[a]anthracene	228	C18H12	000056-55-3	38





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Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B10-100720-0-10

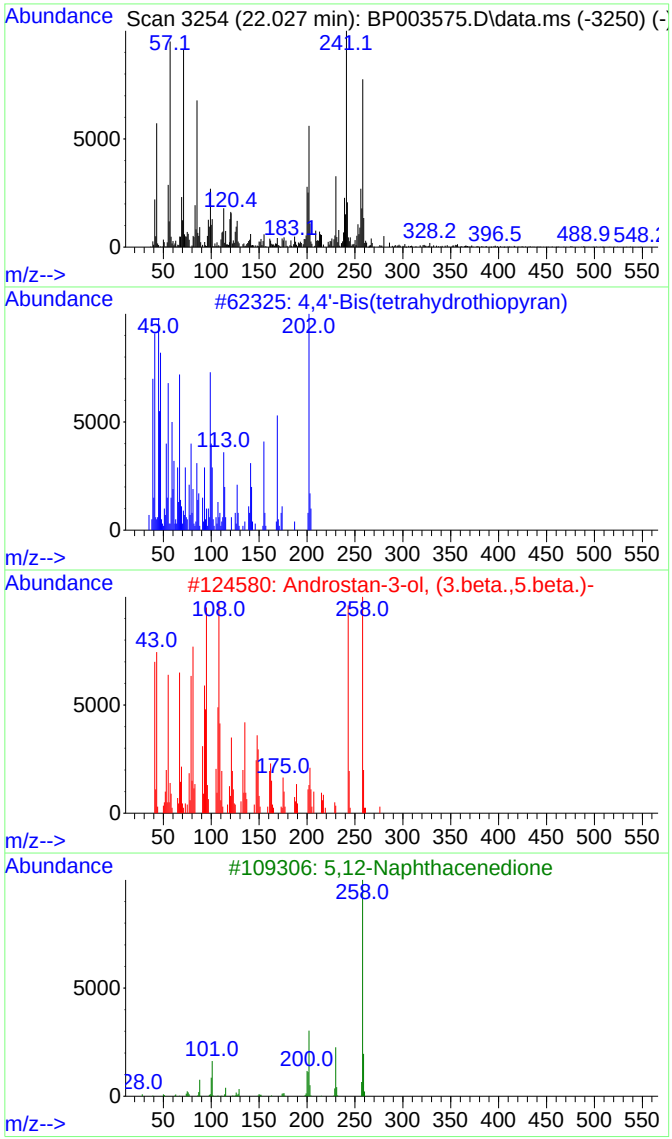
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

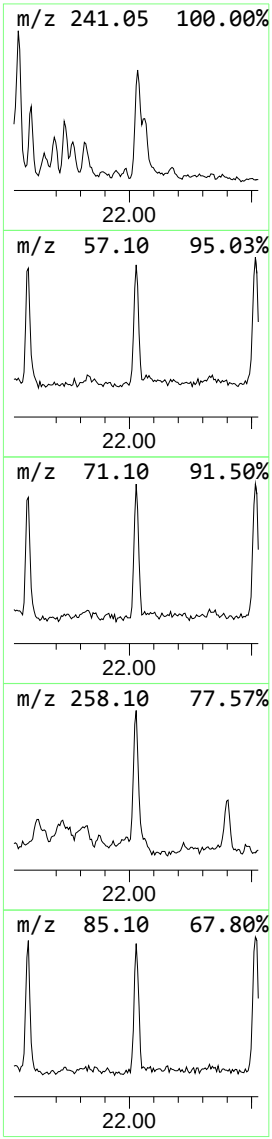
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.027	2.21 ng	224956	Chrysene-d12	21.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	Androstan-3-ol, (3.beta.,5.beta.)-	276	C19H32O	015360-52-8	53
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	53
4	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	49
5	Benzoic acid, 4,4'-oxybis-	258	C14H10O5	002215-89-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B10-100720-0-10

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

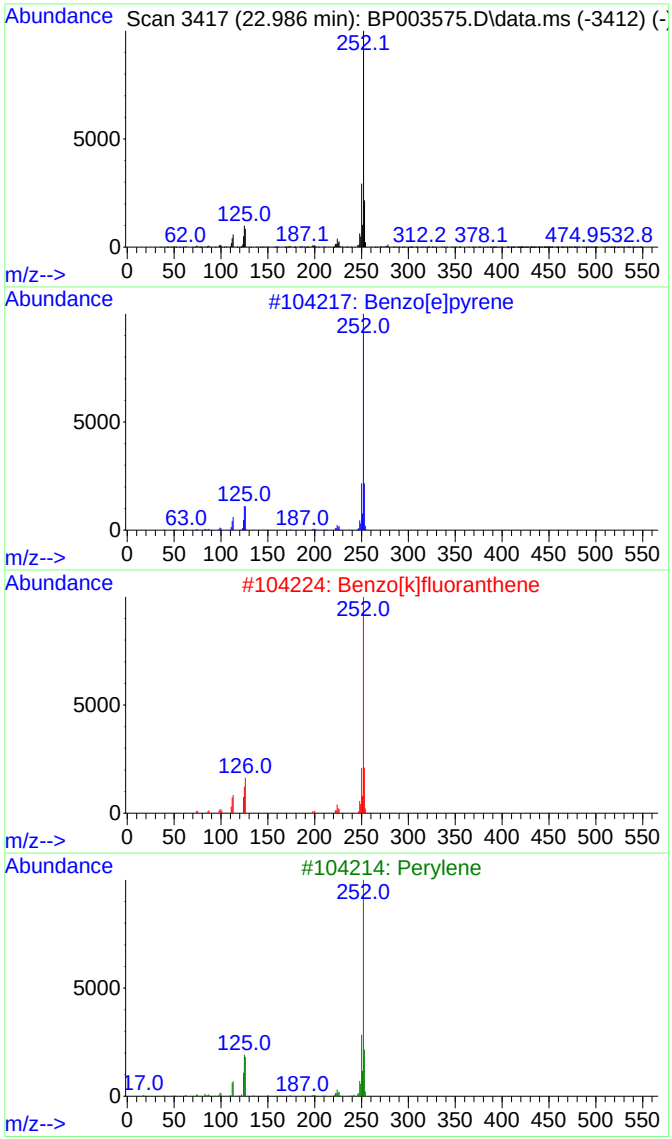
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

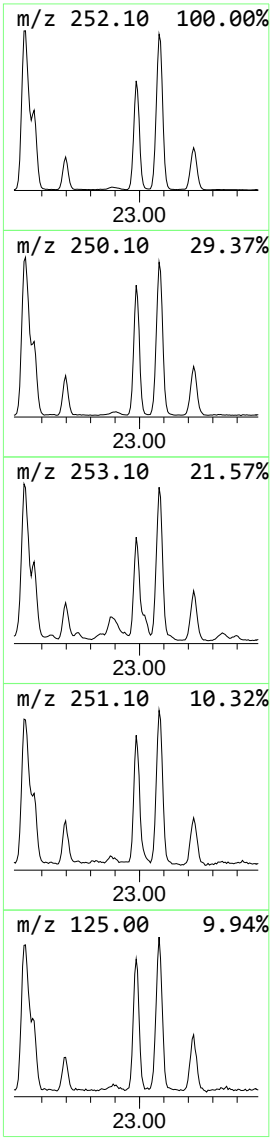
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.986	18.09 ng	807881	Perylene-d12	23.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
Sample : L4311-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B10-100720-0-10

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
Tridecane	11.716	2.1	ng	44960	2	10.257	426233	20.0
9H-Fluorene, 2-...	16.216	2.1	ng	61693	4	16.898	579114	20.0
3,3'-Dimethylbi...	16.651	2.1	ng	59627	4	16.898	579114	20.0
Dibenzothiophene	16.722	2.7	ng	79401	4	16.898	579114	20.0
Phenanthrene, 1...	17.781	4.4	ng	128190	4	16.898	579114	20.0
Phenanthrene, 2...	17.828	8.3	ng	239007	4	16.898	579114	20.0
Anthracene, 2-m...	17.910	3.3	ng	96384	4	16.898	579114	20.0
4H-Cyclopenta[d...	17.969	9.2	ng	267446	4	16.898	579114	20.0
5H-Dibenzo[a,d]...	18.010	3.4	ng	98720	4	16.898	579114	20.0
Naphthalene, 2-...	18.269	3.2	ng	92611	4	16.898	579114	20.0
Phenanthrene, 2...	18.680	3.0	ng	85546	4	16.898	579114	20.0
Cyclopenta(def)...	18.828	3.1	ng	90756	4	16.898	579114	20.0
Fluoranthene, 2...	19.775	3.6	ng	361487	5	21.010	2031430	20.0
Pyrene, 1-methyl-	19.927	2.3	ng	234265	5	21.010	2031430	20.0
9-Octadecenamid...	20.169	2.3	ng	232134	5	21.010	2031430	20.0
Heptafluorobuty...	20.733	4.4	ng	443950	5	21.010	2031430	20.0
Cyclopenta(cd)p...	21.163	2.4	ng	247283	5	21.010	2031430	20.0
4,4'-Bis(tetrah...	22.027	2.2	ng	224956	5	21.010	2031430	20.0
Benzo[e]pyrene	22.986	18.1	ng	807881	6	23.174	893069	20.0