LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008889.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	409	415	422	rBV	4233730	6668661	8.24%	0.870%
2	7.022	677	686	692	rBV	4188767	7294099	9.01%	0.951%
3	7.846	818	826	831	rBV	1086051	1840114	2.27%	0.240%
4	9.004	1017	1023	1032	rVB	2632138	4514429	5.58%	0.589%
5	10.645	1291	1302	1305	rBV	1482387	2764133	3.41%	0.361%
6	10.704	1305	1312	1319	rVB	12529599	22939754	28.34%	2.992%
7	10.816	1324	1331	1340	rBV2	571819	1244726	1.54%	0.162%
8	12.310	1574	1585	1592	rBV	7826200	12803642	15.82%	1.670%
9	12.528	1610	1622	1632	rVB	4956795	8222651	10.16%	1.073%
10	13.110	1714	1721	1728	rVB	7073501	10582119	13.07%	1.380%
11	13.316	1750	1756	1763	rBV	1873082	2822746	3.49%	0.368%
12	13.516	1785	1790	1802	rVB	861474	1818845	2.25%	0.237%
13	13.651	1802	1813	1814	rBV	1888847	3047930	3.77%	0.398%
14	13.810	1832	1840	1845	rBV	3109502	5567627	6.88%	0.726%
15	13.863	1845	1849	1857	rVB	2183291	3378913	4.17%	0.441%
16	14.045	1872	1880	1883	rBV	1437206	2400519	2.97%	0.313%
17	14.204	1898	1907	1914	rBV	2723544	4374625	5.40%	0.571%
18	14.486	1945	1955	1960	rBV2	2395725	5251170	6.49%	0.685%
19	14.551	1960	1966	1974	rVV	5611572	8904005	11.00%	1.161%
20	14.692	1983	1990	2000	rBV4	432179	1142911	1.41%	0.149%
21	14.886	2017	2023	2030	rVB	5882607	9128000	11.28%	1.191%
22	14.963	2030	2036	2042	rBV	983633	1405657	1.74%	0.183%
23	15.104	2052	2060	2065	rBV2	880083	2031752	2.51%	0.265%
24	15.157	2065	2069	2081	rVV2	912445	1698696	2.10%	0.222%
25	15.280	2082	2090	2093	rVV2	837457	1870952	2.31%	0.244%
26	15.357	2099	2103	2109	rVB2	786508	1273652	1.57%	0.166%
27	15.451	2110	2119	2122	rBV5	416973	1311633	1.62%	0.171%
28	15.539	2128	2134	2145	rVB	9600420	15655739	19.34%	2.042%
29	15.833	2179	2184	2194	rVB	2435762	3704404	4.58%	0.483%
30	15.951	2199	2204	2205	rVV	1407202	1906212	2.35%	0.249%
31	15.980	2205	2209	2219	rVV	8853531	14600148	18.04%	1.905%
32	16.216	2244	2249	2257	rVB4	655241	1410423	1.74%	0.184%
33	16.545	2296	2305	2310	rBV2	1871364	3776782	4.67%	0.493%
34	16.692	2325	2330	2337	rVB2	961798	1604391	1.98%	0.209%
35	16.780	2340	2345	2348	rVV2	954983	1604340	1.98%	0.209%
36	16.816	2348	2351	2355	rVV	949786	1368733	1.69%	0.179%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.904	2362	2366	2372	rVB3	943963	1536979	1.90%	0.200%
38	16.975	2372	2378	2387	rBV3	1195821	3257749	4.02%	0.425%
39	17.057	2387	2392	2403	rVB	3175264	5690941	7.03%	0.742%
40	17.245	2419	2424	2427	rBV	2586714	4454221	5.50%	0.581%
41	17.298	2427	2433	2439	rVV	25019022	44519958	55.00%	5.807%
42	17.386	2442	2448	2453	rVV	11365008	16971323	20.97%	2.214%
43	17.439	2453	2457	2462	rVV2	877150	1474203	1.82%	0.192%
44	17.645	2487	2492	2496	rBV	1725243	2781086	3.44%	0.363%
45	17.692	2496	2500	2508	rVB5	683769	1498892	1.85%	0.196%
46	17.763	2508	2512	2518	rBV4	954807	1783564	2.20%	0.233%
47	17.927	2533	2540	2544	rBV2	1663020	2822772	3.49%	0.368%
48	18.116	2562	2572	2576	rBV	4178133	6967734	8.61%	0.909%
49	18.163	2576	2580	2587	rVB	5915206	8317763	10.28%	1.085%
50	18.239	2588	2593	2599	rVV	3777660	6252282	7.72%	0.816%
51	18.310	2599	2605	2608	rVV2	7382998	13301701	16.43%	1.735%
52	18.339	2608	2610	2616	rVB	3322262	3693429	4.56%	0.482%
53	18.533	2639	2643	2645	rBV3	963233	1373757	1.70%	0.179%
54	18.574	2645	2650	2659	rVB3	6143516	13582765	16.78%	1.772%
55	18.698	2666	2671	2678	rBV	3897670	5668821	7.00%	0.739%
56	18.774	2681	2684	2689	rBV3	791702	1127547	1.39%	0.147%
57	18.839	2690	2695	2700	rVB	19609223	29445776	36.38%	3.841%
58	18.969	2714	2717	2720	rBV2	1110754	1509821	1.87%	0.197%
59	19.010	2721	2724	2726	rBV	1121163	1472347	1.82%	0.192%
60	19.104	2737	2740	2745	rVB2	2894891	3863848	4.77%	0.504%
61	19.216	2756	2759	2763	rVB2	878952	1144765	1.41%	0.149%
62	19.280	2763	2770	2773	rBV	21690711	35240445	43.54%	4.597%
63	19.333	2773	2779	2783	rBV2	29928603	80946655	100.00%	10.559%
64	19.421	2790	2794	2804	rVB3	2718738	5965962	7.37%	0.778%
65	19.510	2805	2809	2819	rVB4	1811995	4844866	5.99%	0.632%
66	19.598	2819	2824	2826	rBV	4781750	6654311	8.22%	0.868%
67	19.633	2826	2830	2836	rVB	18221454	27980615	34.57%	3.650%
68	19.692	2836	2840	2847	rVB3	3314898	5339813	6.60%	0.697%
69	19.774	2849	2854	2855	rBV2	2433088	3284650	4.06%	0.428%
70	19.810	2855	2860	2864	rVB2	11851355	15625527	19.30%	2.038%
71	19.927	2875	2880	2881	rBV	1720520	2445528	3.02%	0.319%
72	20.027	2892	2897	2901	rBV	19396416	25678511	31.72%	3.350%
73	20.068	2901	2904	2905	rVV2	1333922	1737684	2.15%	0.227%
74	20.104	2906	2910	2915	rVB	6454495	8751318	10.81%	1.142%
75	20.198	2922	2926	2929	rBV	6204383	7227051	8.93%	0.943%
76	20.251	2929	2935	2940	rVB4	2684424	5698983	7.04%	0.743%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.333	2945	2949	2953	rBV4	738460	1121641	1.39%	0.146%
78	20.386	2954	2958	2960	rBV	1564771	2004307	2.48%	0.261%
79	20.492	2971	2976	2982	rVB3	2551080	3959195	4.89%	0.516%
80	20.680	3004	3008	3016	rVB4	1408787	3104559	3.84%	0.405%
81	20.786	3022	3026	3030	rBV	1024561	1827576	2.26%	0.238%
82	20.845	3030	3036	3041	rVB4	2071184	3772954	4.66%	0.492%
83	21.027	3058	3067	3078	rBV3	10180501	19973107	24.67%	2.605%
84	21.327	3113	3118	3123	rBV2	13276545	23786217	29.39%	3.103%
85	21.380	3123	3127	3136	rVB	11359096	15892772	19.63%	2.073%
86	21.504	3144	3148	3154	rBV	1856948	3162980	3.91%	0.413%
87	21.662	3171	3175	3181	rBV2	1280928	2068625	2.56%	0.270%
88	21.921	3213	3219	3222	rVV	2068399	3452909	4.27%	0.450%
89	22.086	3243	3247	3251	rBV2	1052590	1500258	1.85%	0.196%
90	22.133	3251	3255	3258	rVV	1169461	2005573	2.48%	0.262%
91	22.168	3258	3261	3267	rVB2	1529552	2273133	2.81%	0.297%
92	22.233	3269	3272	3278	rVB2	752059	1097654	1.36%	0.143%
93	23.033	3400	3408	3412	rBV	6611689	16712724	20.65%	2.180%
94	23.209	3433	3438	3445	rVB	2357327	4388123	5.42%	0.572%
95	23.551	3490	3496	3505	rVB	3733280	8563210	10.58%	1.117%
96	23.662	3507	3515	3522	rVV	7677473	15241554	18.83%	1.988%
97	23.762	3526	3532	3537	rVV2	1968018	4401138	5.44%	0.574%
98	23.815	3537	3541	3551	rVB2	1739449	4045497	5.00%	0.528%
99	26.298	3953	3963	3975	rVB2	3383634	11173803	13.80%	1.458%
100	27.074	4087	4095	4114	rVB	2046757	7203124	8.90%	0.940%

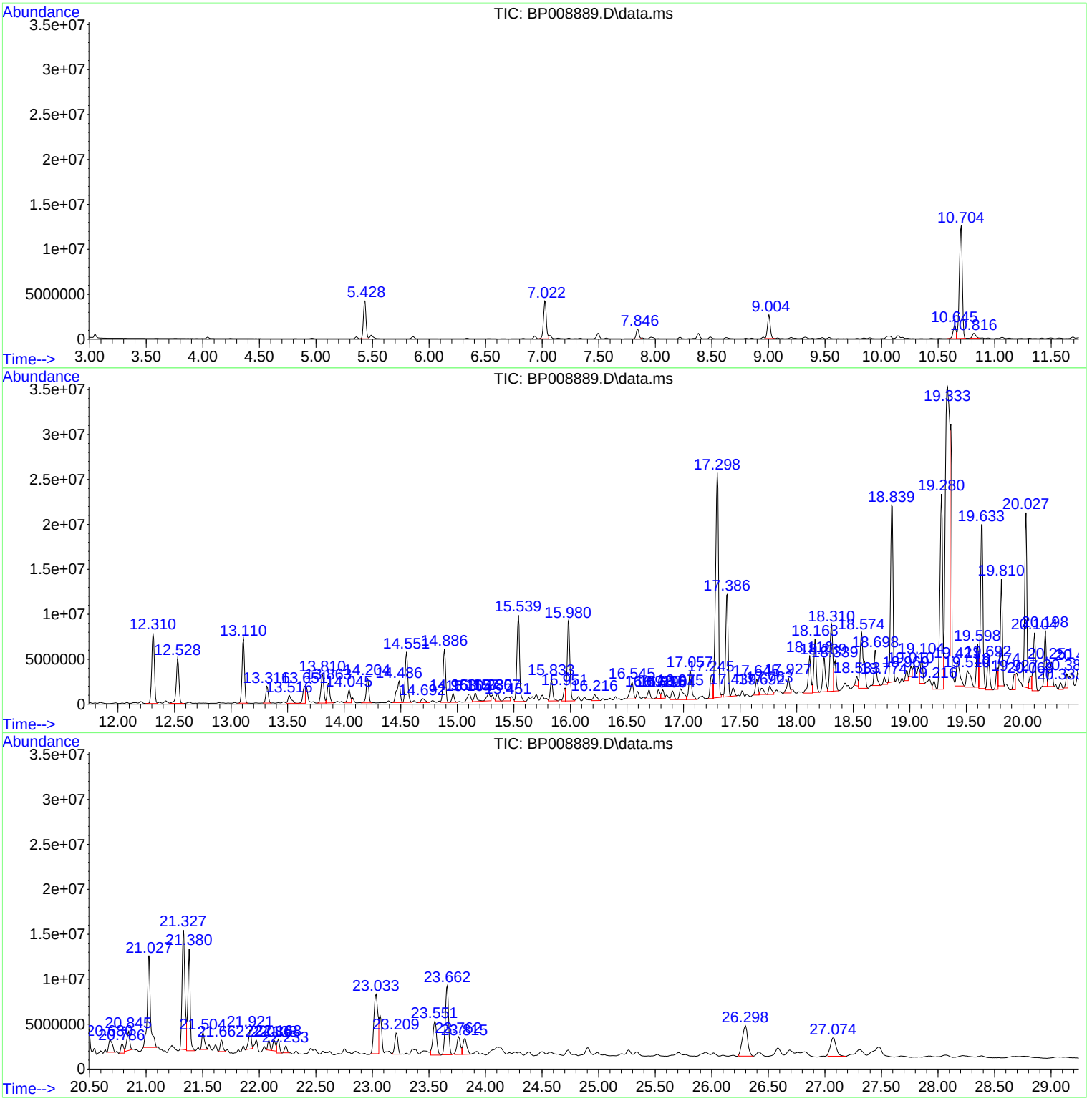
Sum of corrected areas: 766603729

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

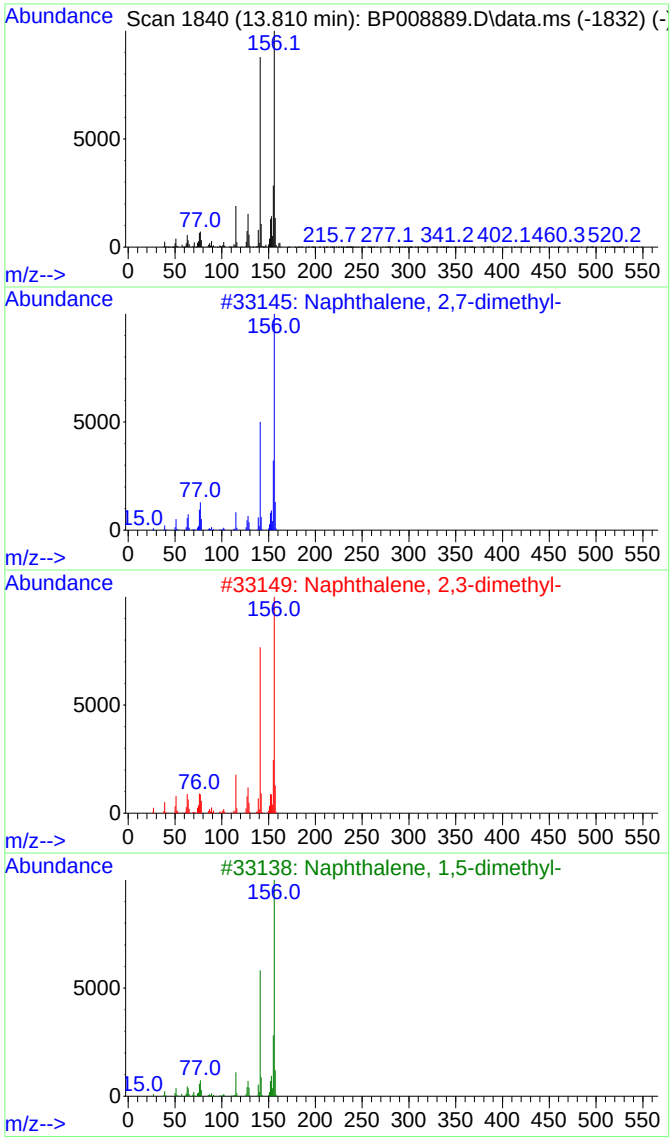
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

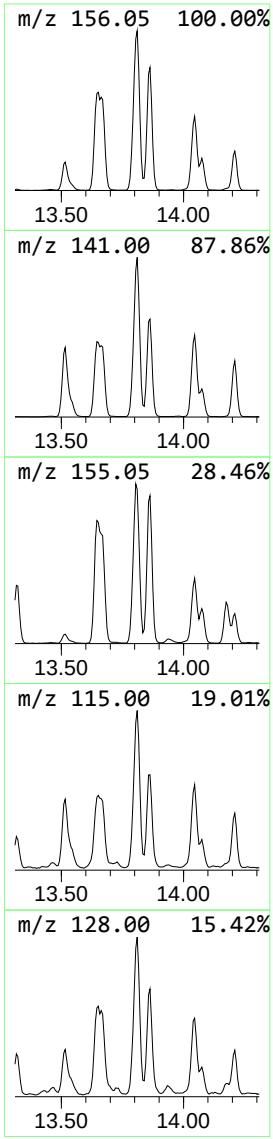
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	21.21 ng	5567630	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

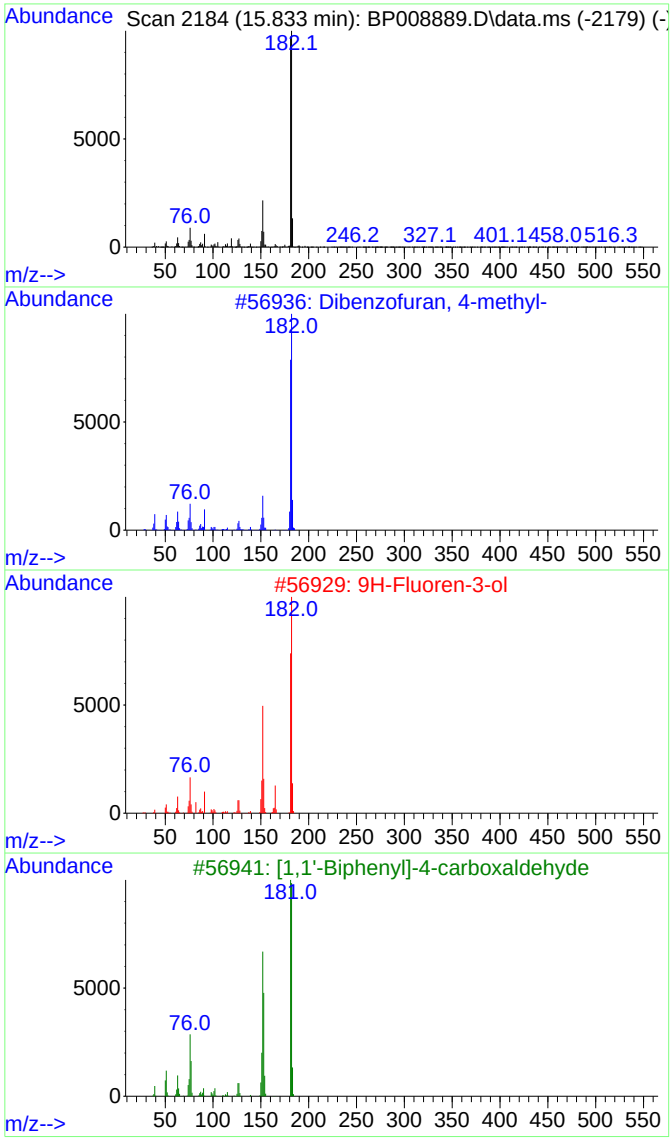
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

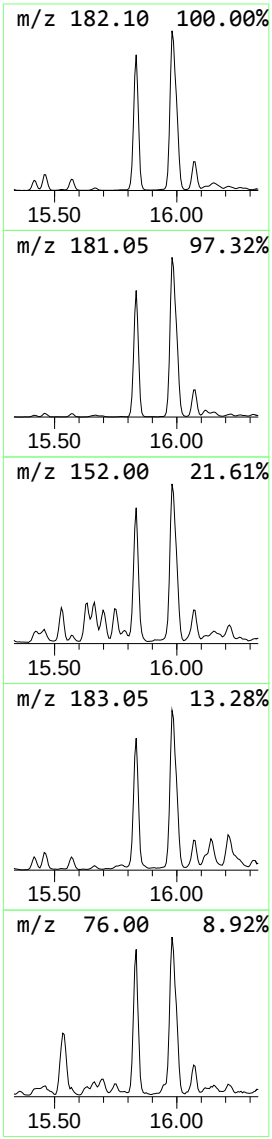
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	14.11 ng	3704400	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

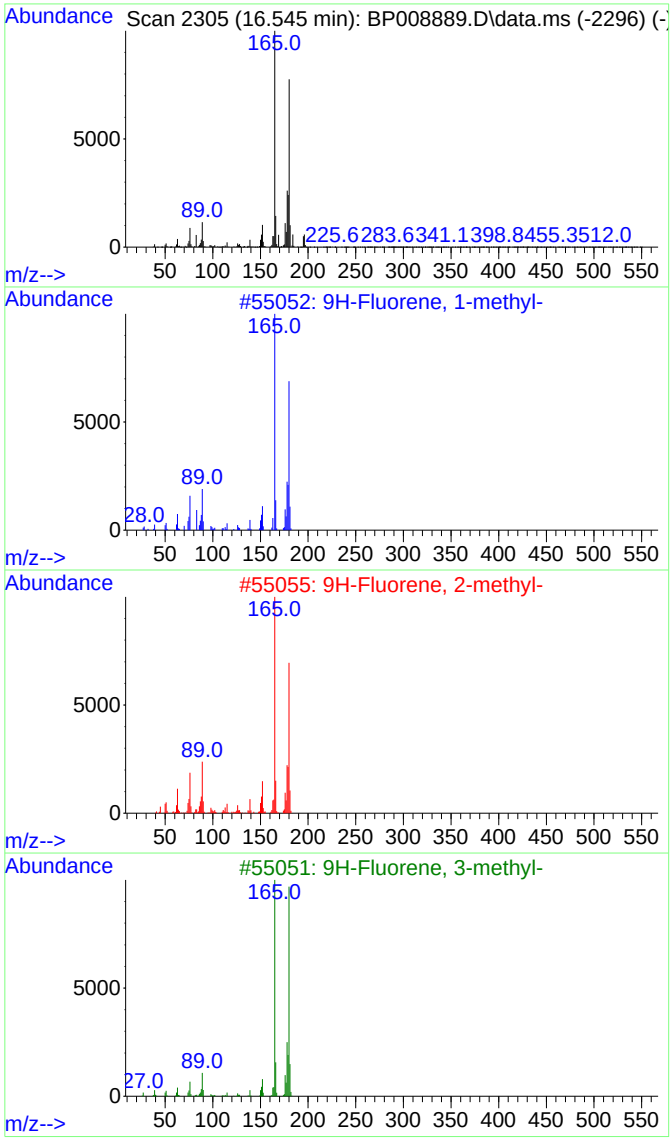
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

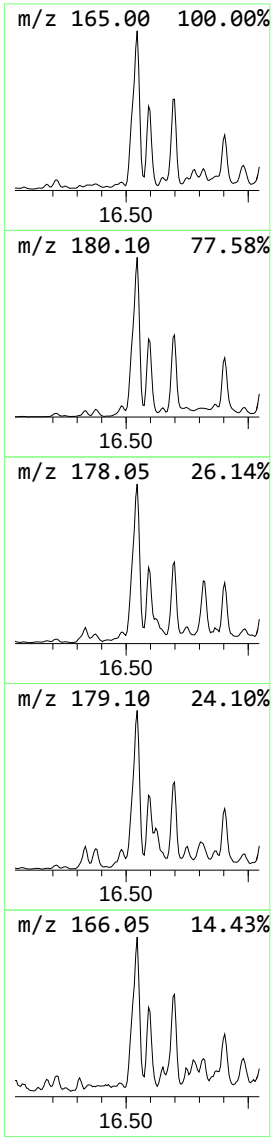
****

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	16.96 ng	3776780	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

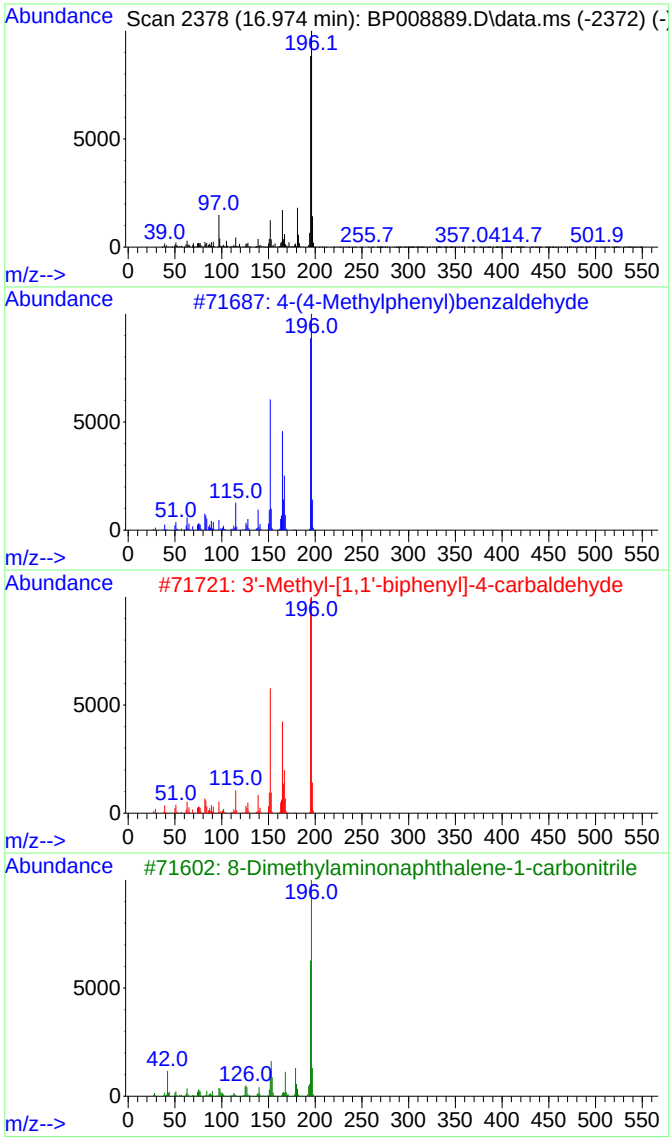
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

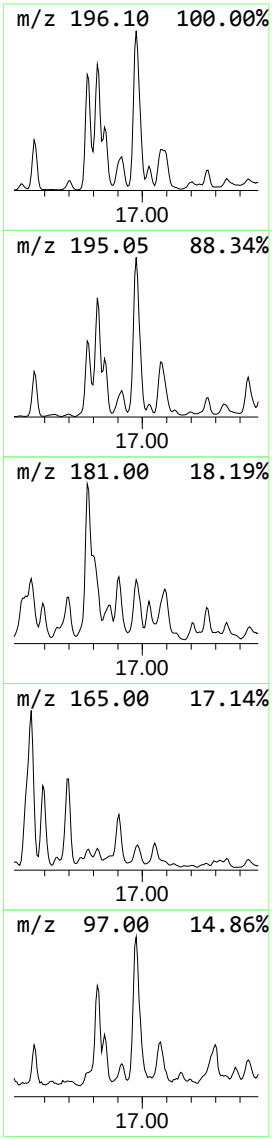
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-(4-Methylphenyl)benzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	14.63 ng	3257750	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	83
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
4	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	64
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

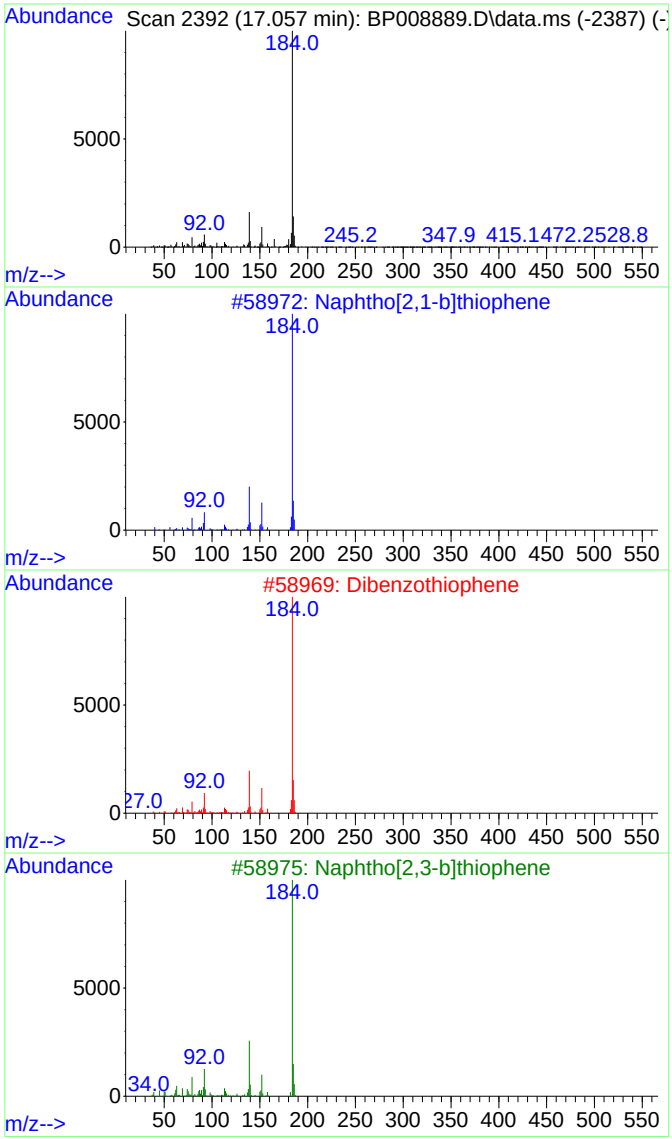
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

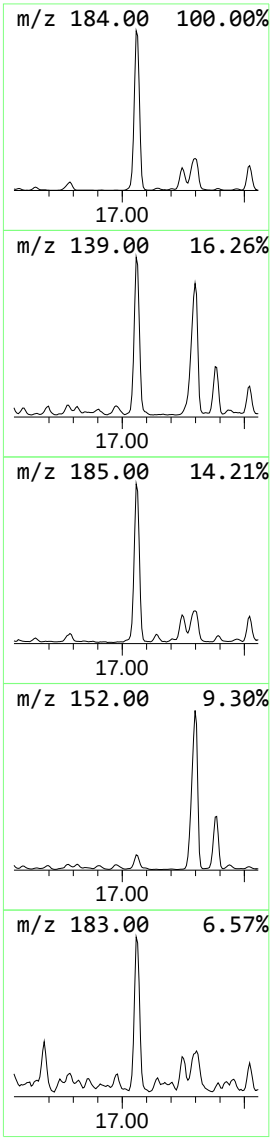
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	25.55 ng	5690940	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

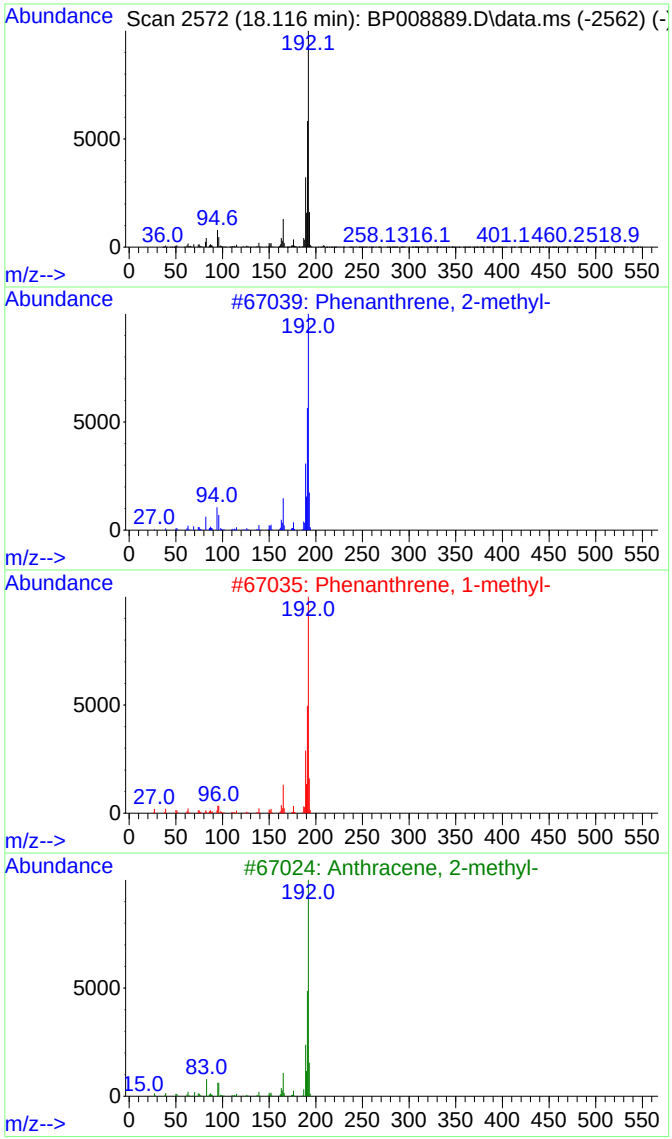
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

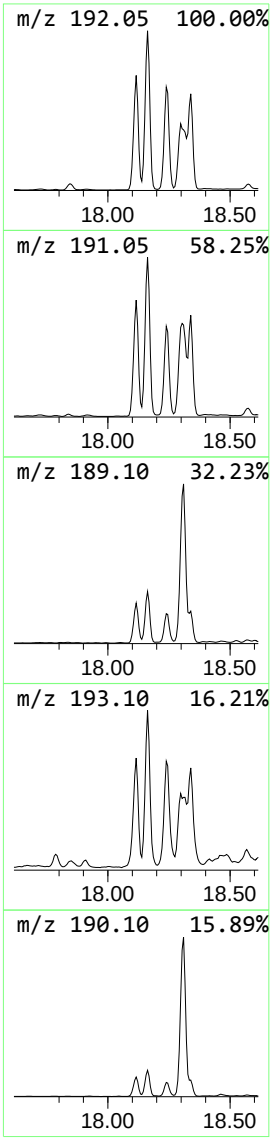
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	31.29 ng	6967730	Phenanthrene-d10	17.245

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

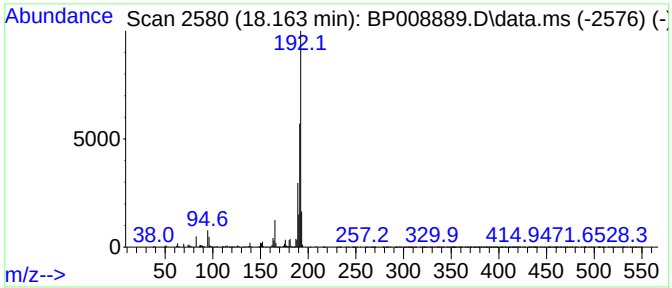
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

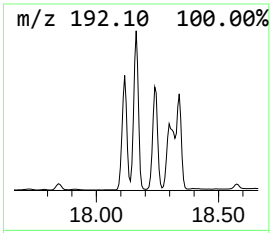
****

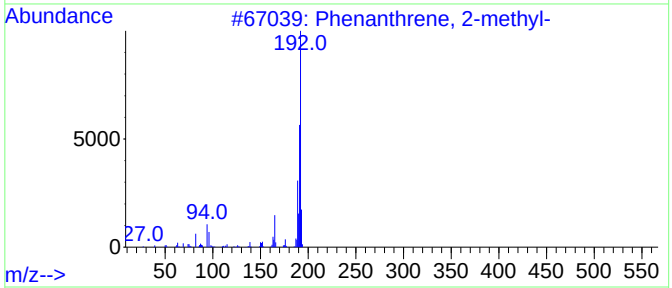
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

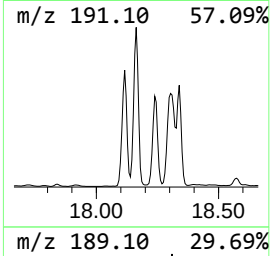
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	37.35 ng	8317760	Phenanthrene-d10	17.245

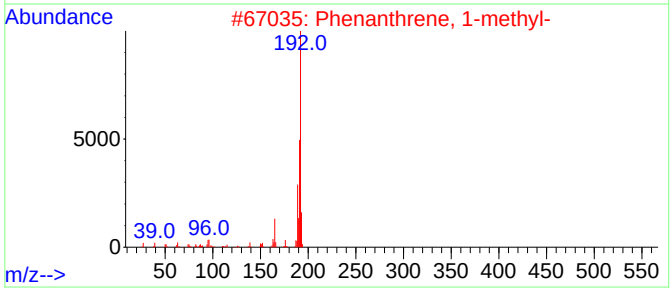
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94

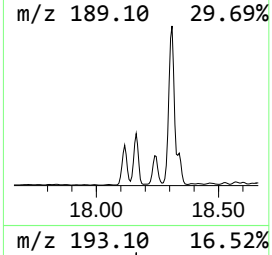


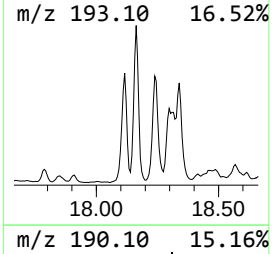


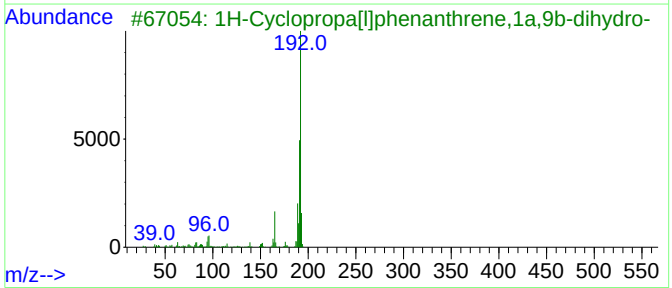


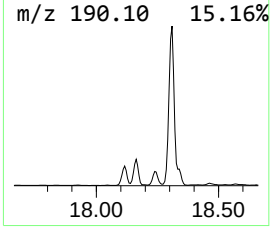












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Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

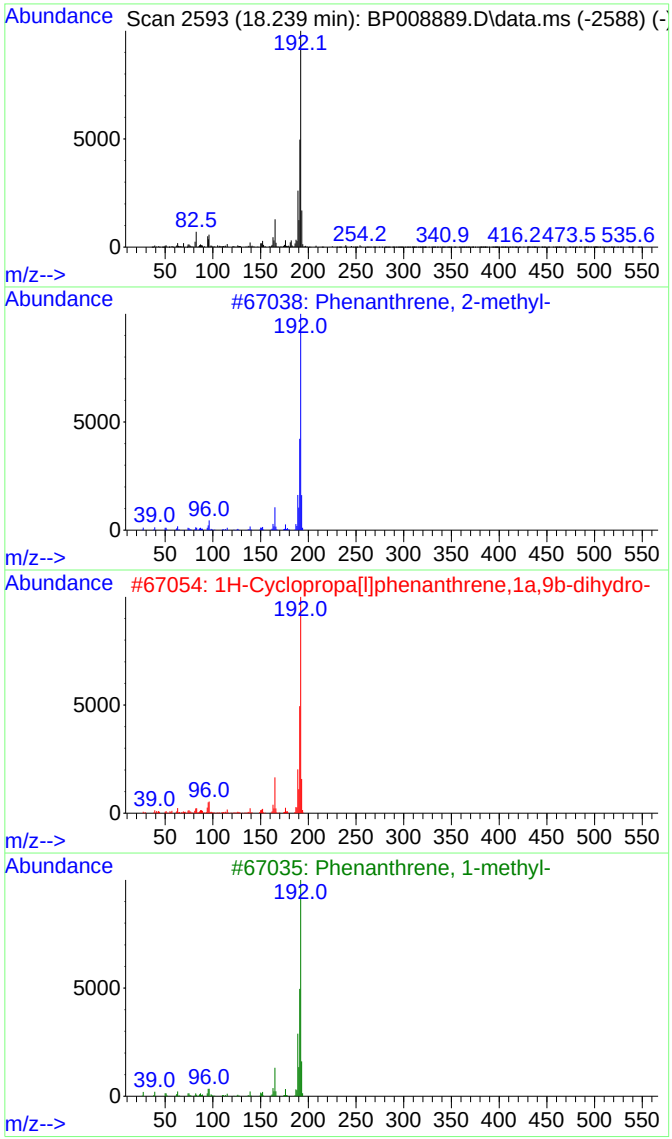
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

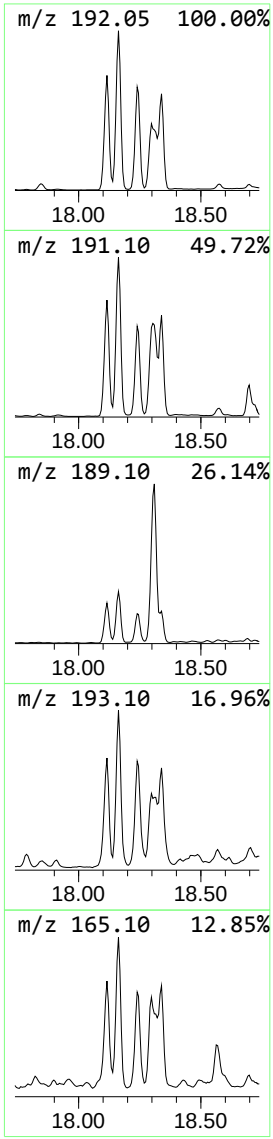
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	28.07 ng	6252280	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 24 Jan 2022 16:27
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Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP25-07-20220119-29.5-30.0

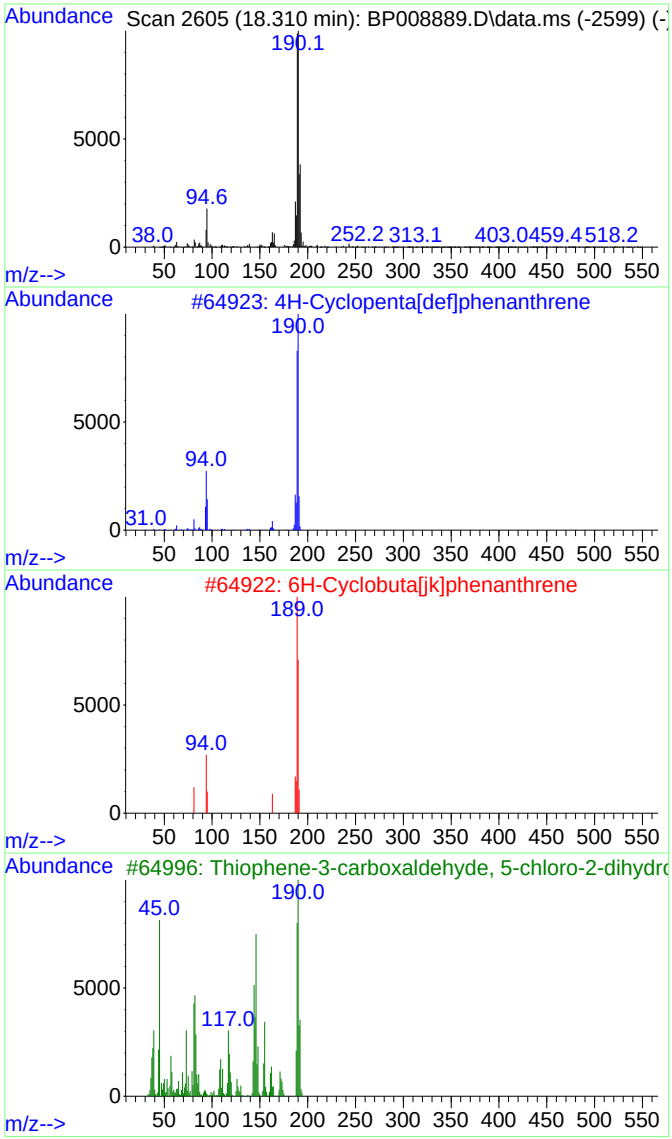
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

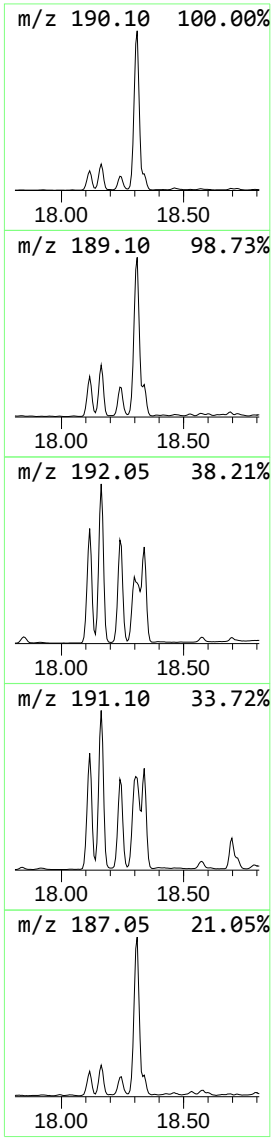
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	59.73 ng	13301700	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

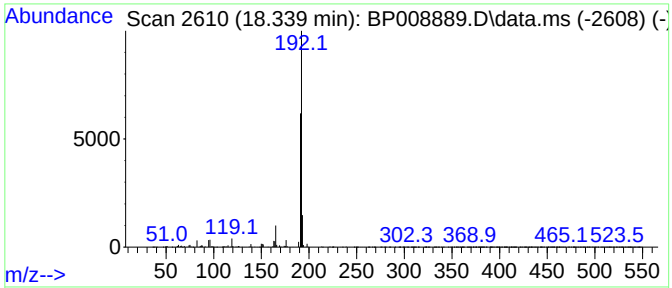
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

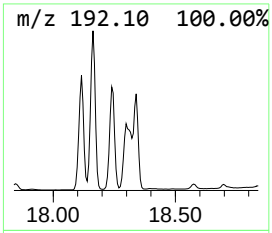
****

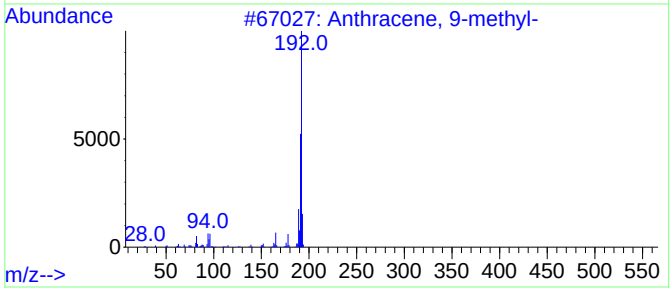
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 18

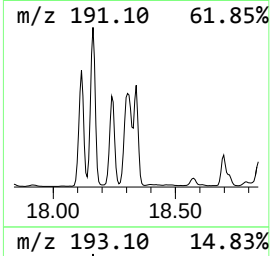
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	16.58 ng	3693430	Phenanthrene-d10	17.245

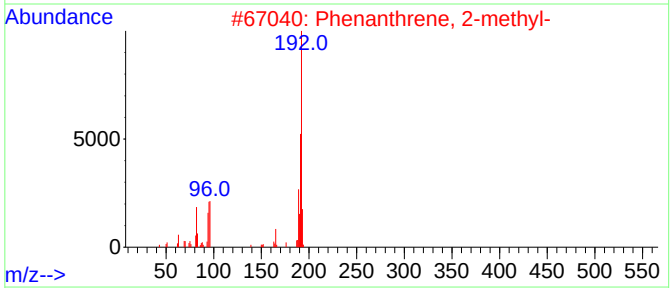
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81

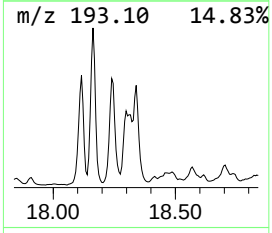


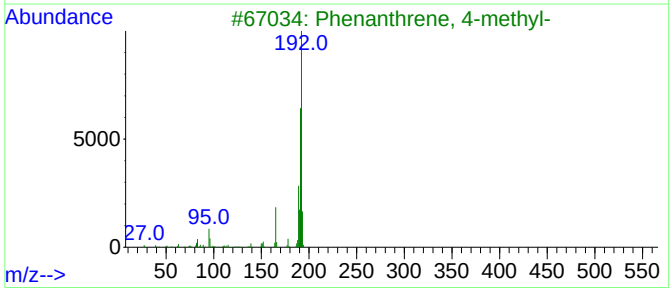


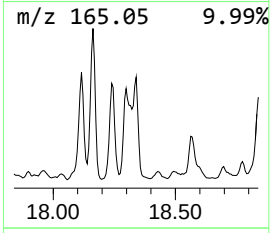


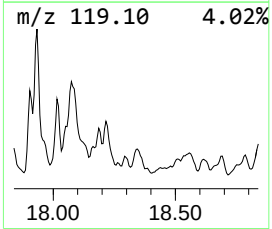












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Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

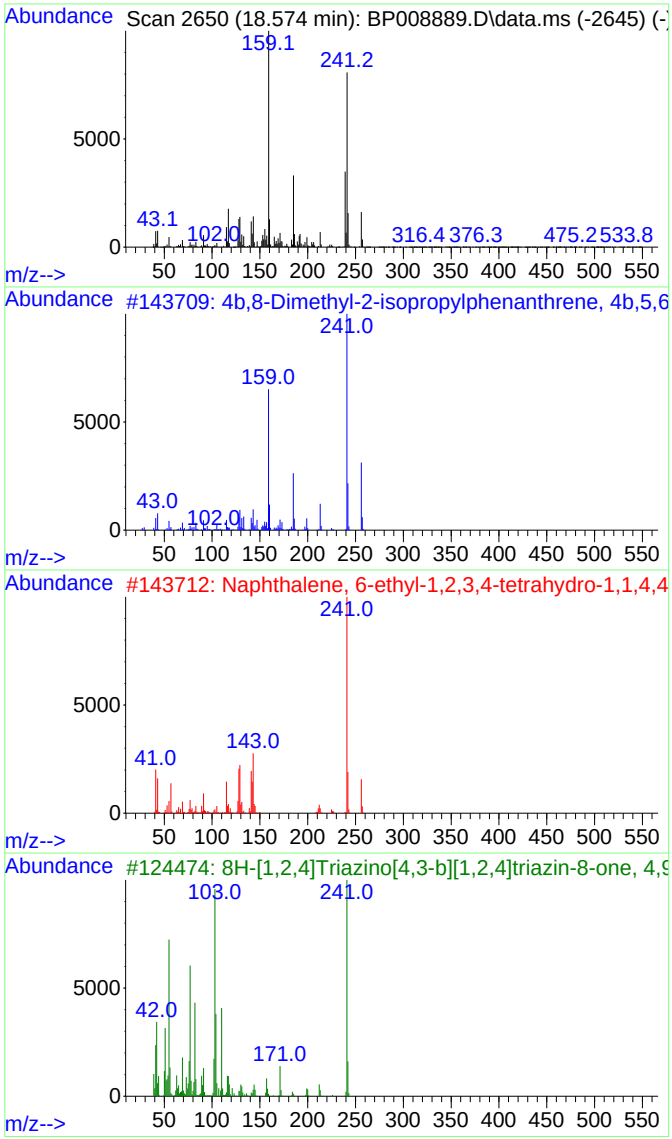
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

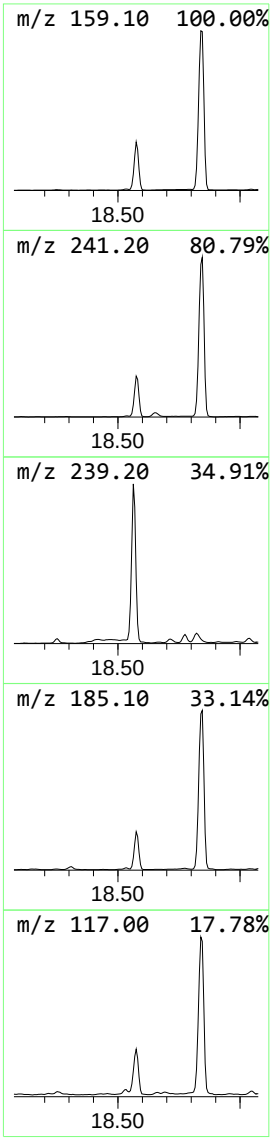
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.574	60.99 ng	13582800	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	80
3	8H-[1,2,4]Triazino[4,3-b][1,2,4]...	241	C12H11N5O	1000319-79-0	70
4	{1-[3-(Trifluoromethyl)benzyl]-1...	370	C16H17F3N4O3	1000481-75-6	59
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	45





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Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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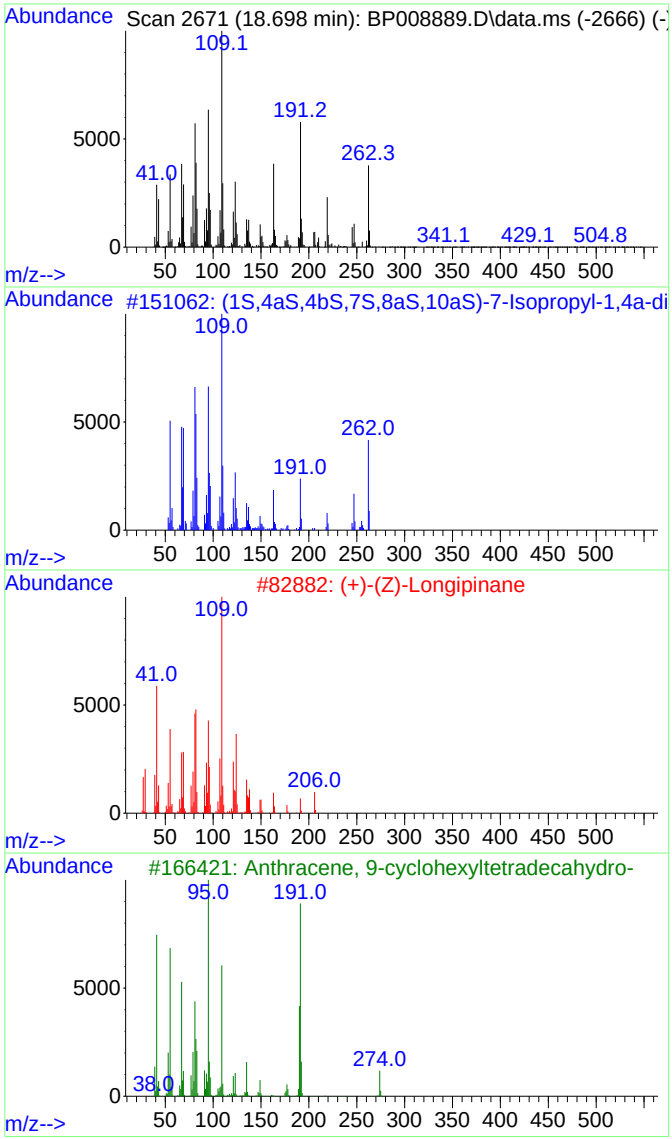
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

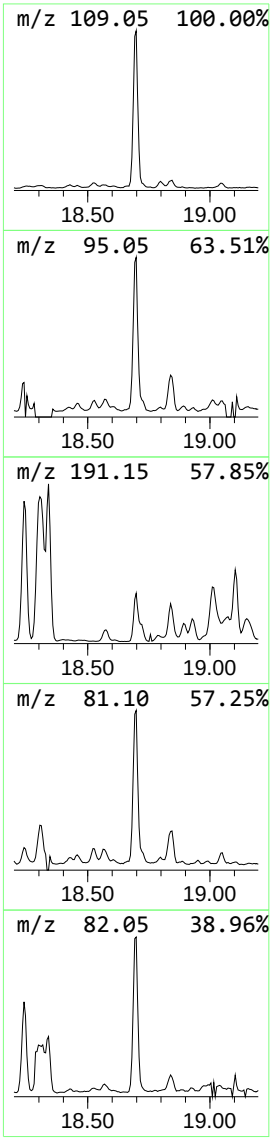
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	25.45 ng	5668820	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	83
2	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	38
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
4	1-(2-Fluorobenzyl)-3-piperidinam...	304	C14H16F4N2O	1000469-11-0	35
5	Longipinane, (E)-	206	C15H26	1000156-14-5	27





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Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

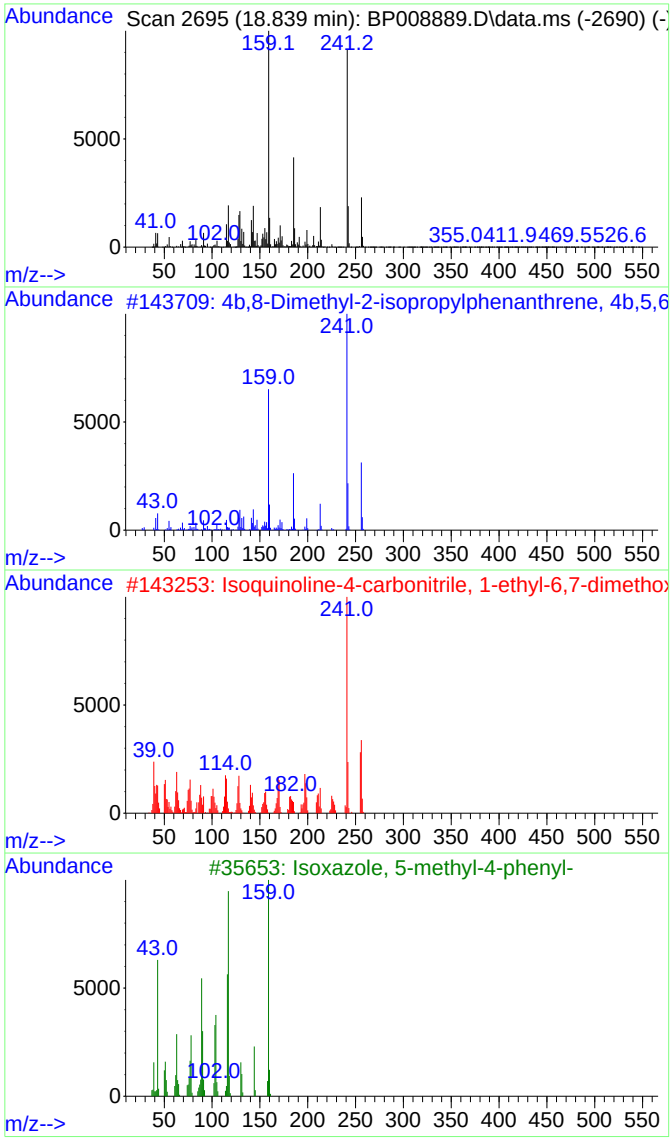
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

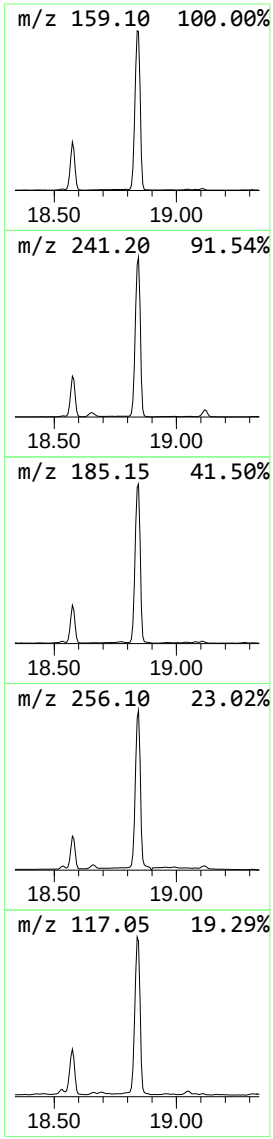
****

Peak Number 13 unknown18.839 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.839	132.22 ng	29445800	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	Isoquinoline-4-carbonitrile, 1-e...	256	C15H16N2O2	1000259-91-1	30
3	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	25
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	25
5	Maleic hydrazide, 2TMS derivative	256	C10H20N2O2Si2	1000485-50-8	22





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Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

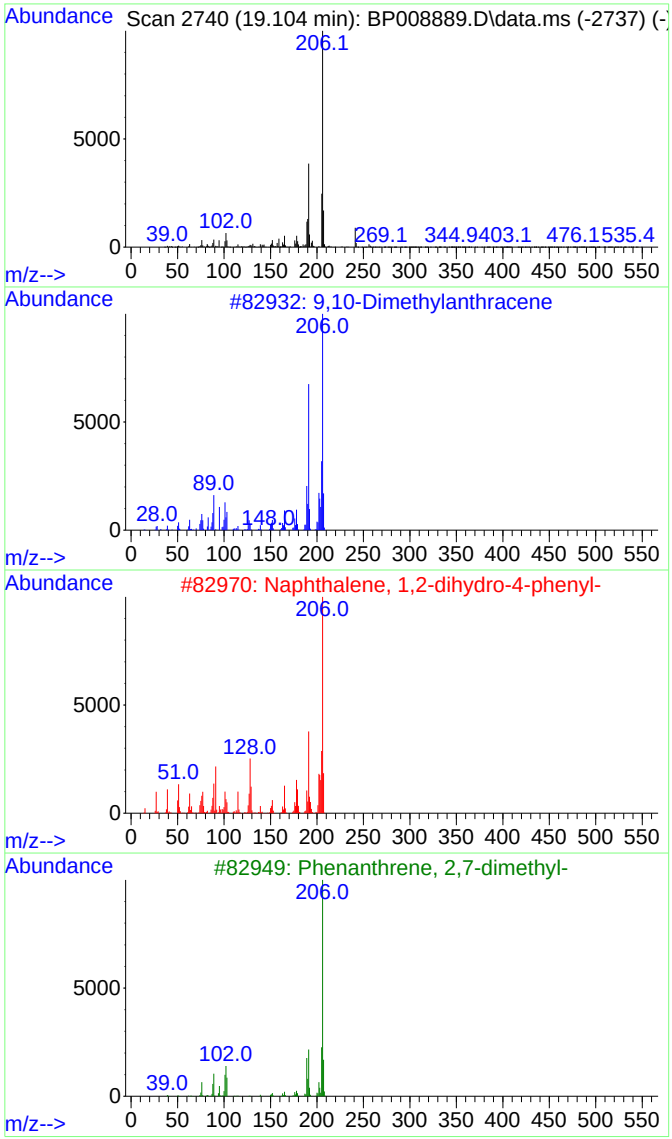
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

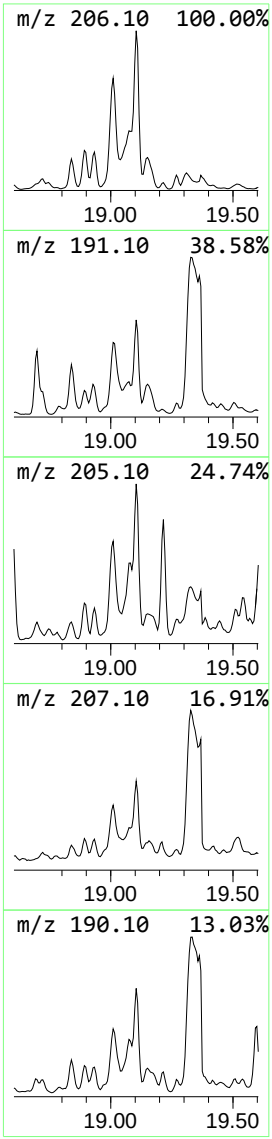
****

Peak Number 14 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	17.35 ng	3863850	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	83
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	83





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Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP25-07-20220119-29.5-30.0

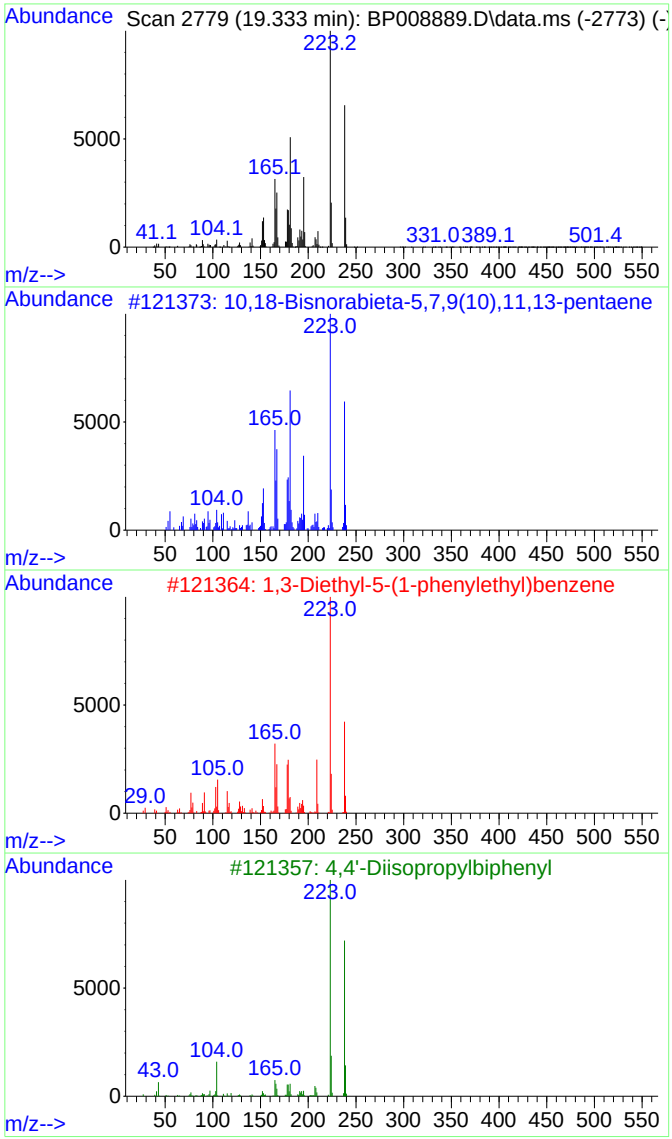
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

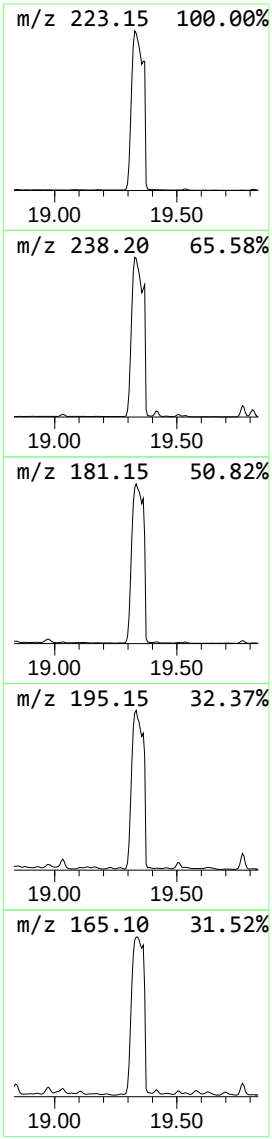
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	68.06 ng	80946700	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	68
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	59
5	N-(4-Ethylphenyl)-1,3-benzoxazol...	238	C15H14N2O	770710-42-4	49





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Data File : BP008889.D
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Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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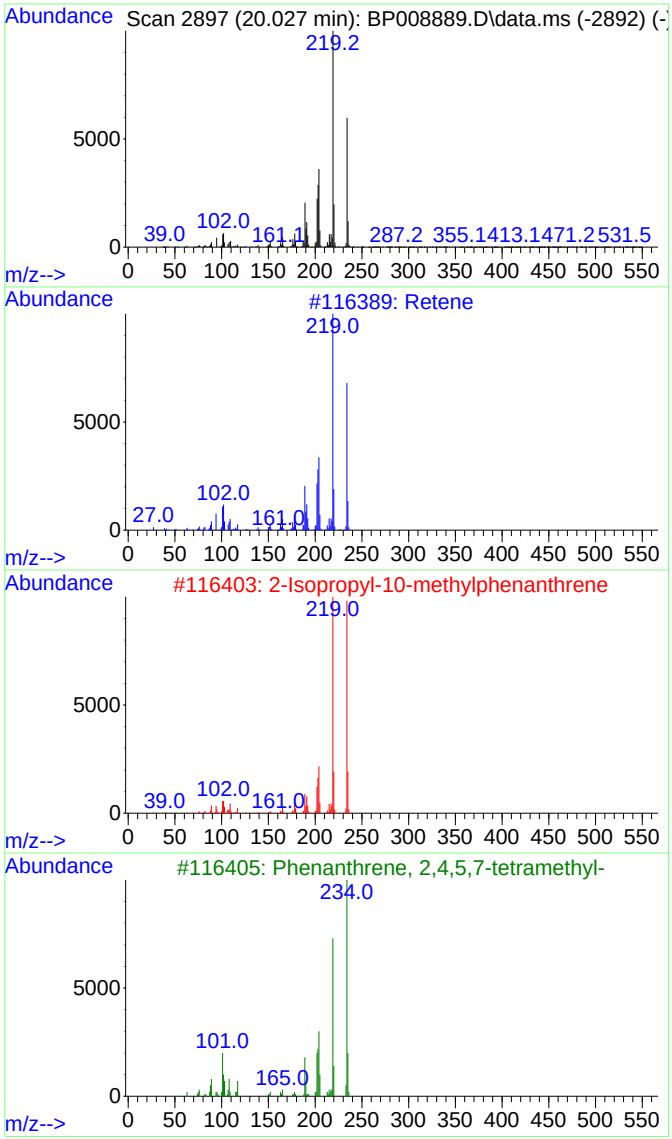
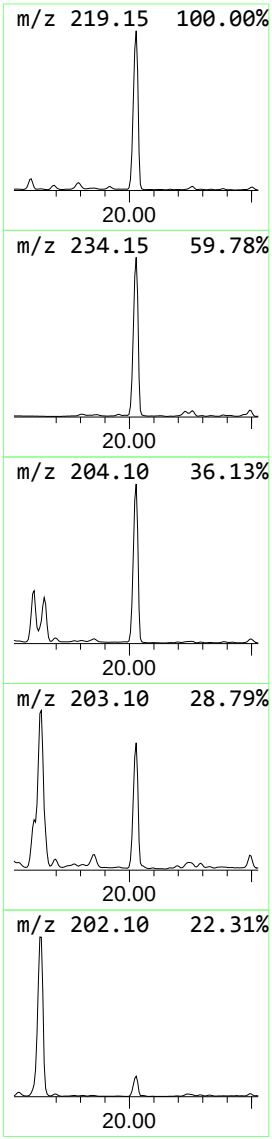
Peak Number 16 Retene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.027	21.59 ng	25678500	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	58
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	58
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49





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Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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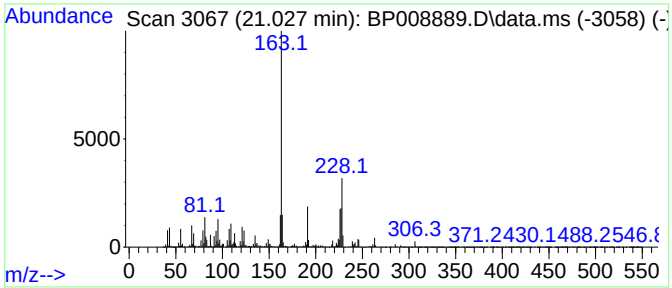
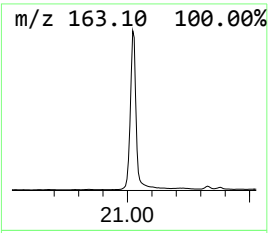
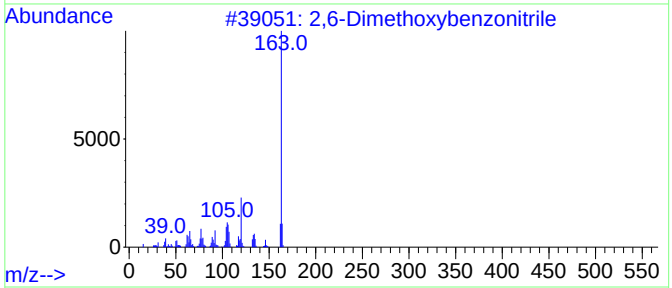
Peak Number 17 unknown21.027 Concentration Rank 17

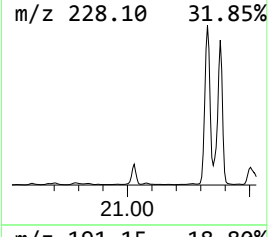
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	16.79 ng	19973100	Chrysene-d12	21.345

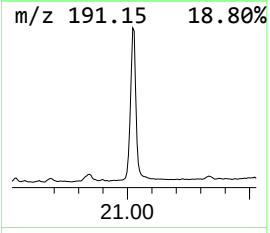
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	43
2	Hexadecyl methyl phthalate	404	C25H40O4	101762-77-0	43
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	43
4	Propofol	178	C12H18O	002078-54-8	43
5	Phthalic acid, methyl tetradecyl...	376	C23H36O4	1000308-92-5	43

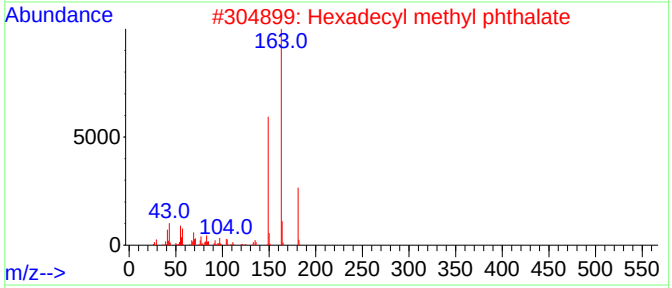


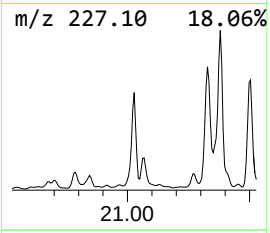


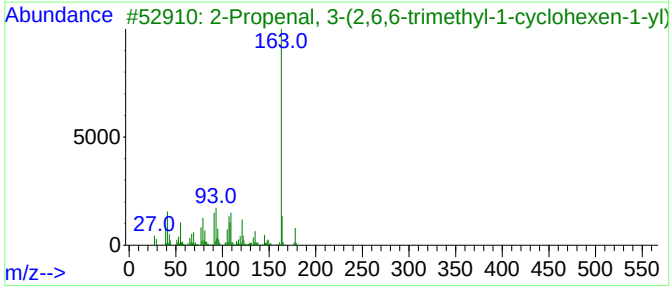


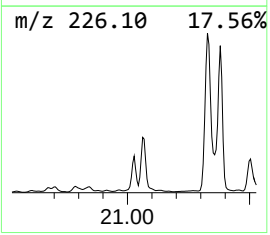












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

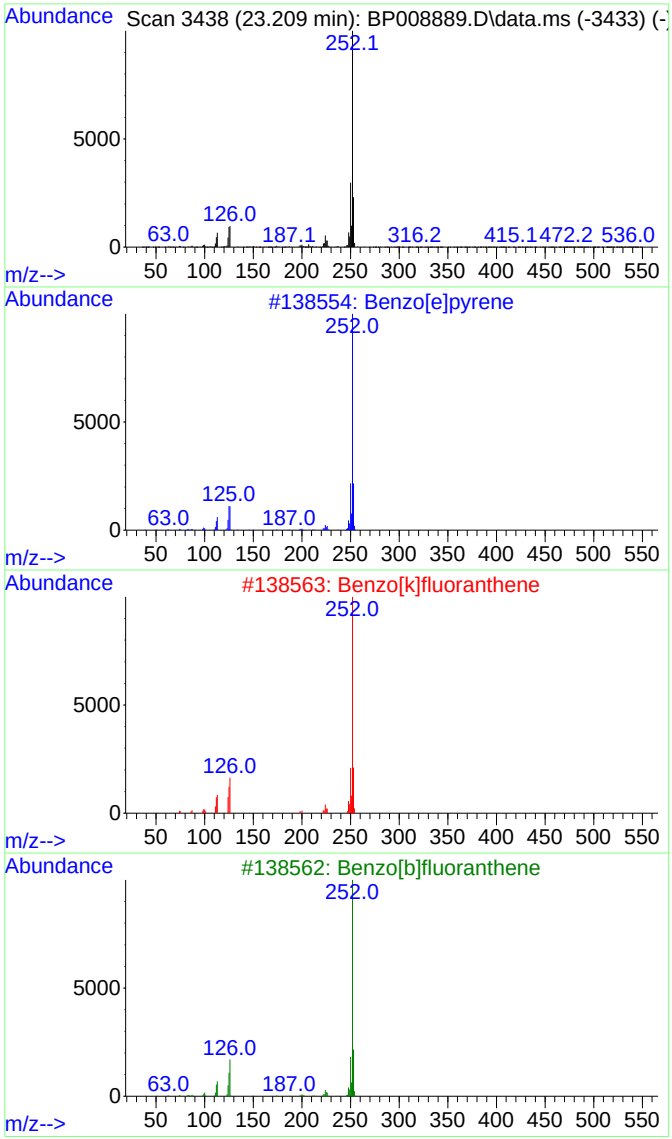
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

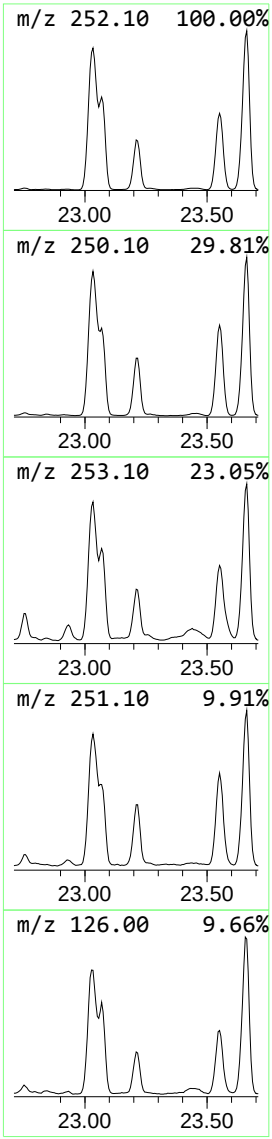
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.209	19.94 ng	4388120	Perylene-d12	23.762

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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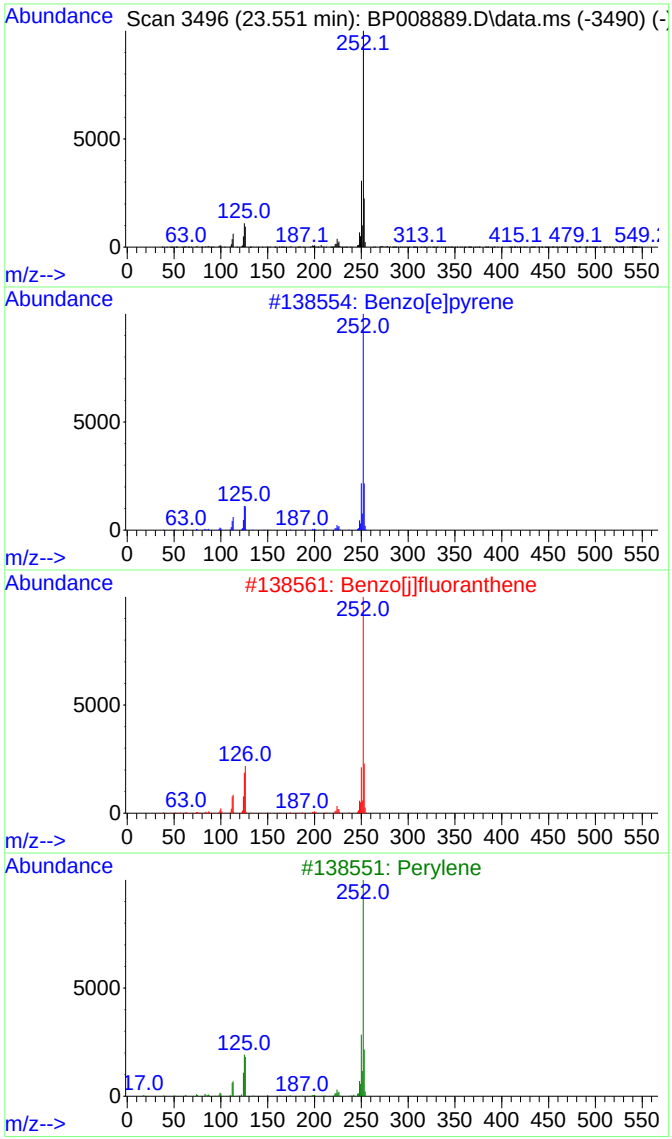
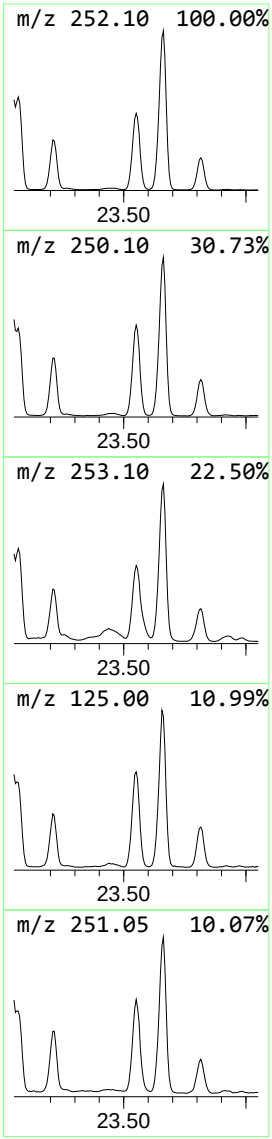
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	38.91 ng	8563210	Perylene-d12	23.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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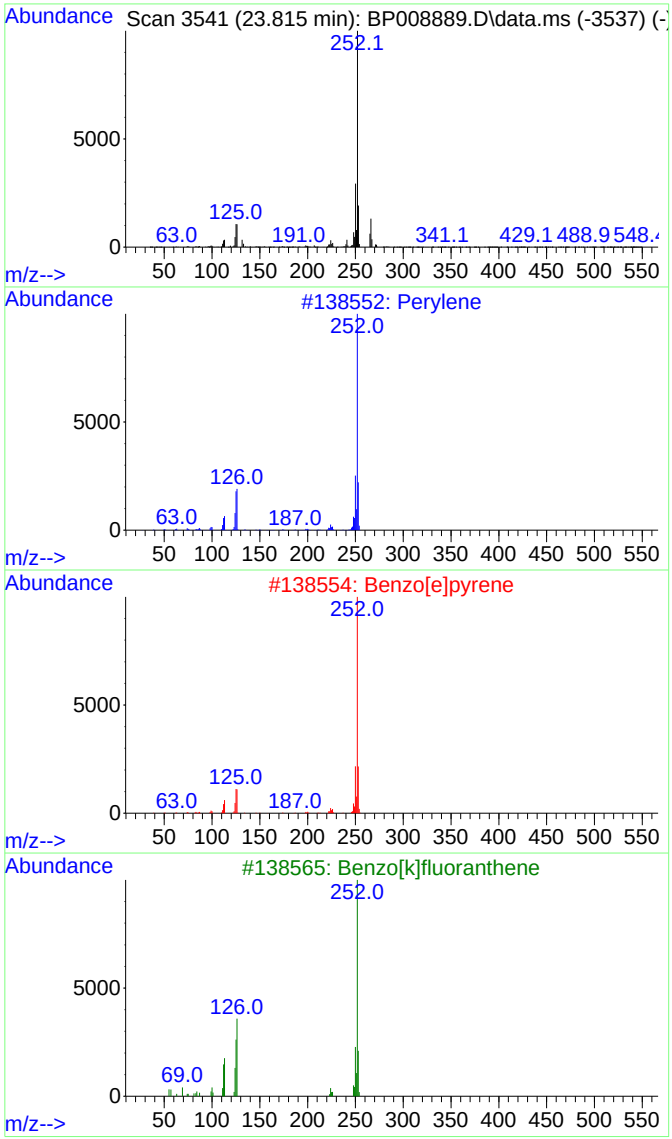
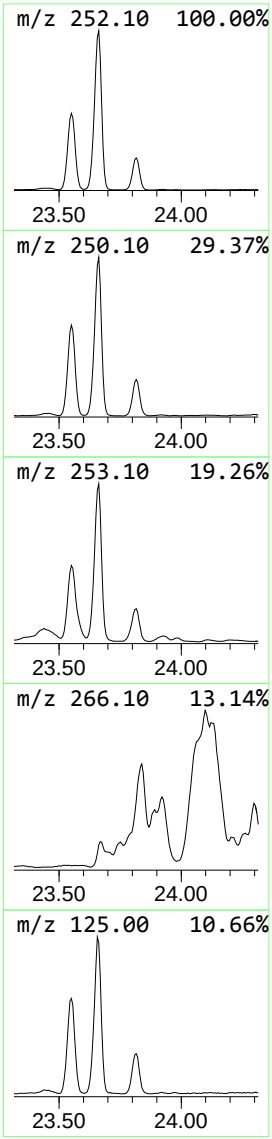
Peak Number 20 Perylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.815	18.38 ng	4045500	Perylene-d12	23.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008889.D
Acq On : 24 Jan 2022 16:27
Operator : CG/JU
Sample : N1208-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-29.5-30.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	13.810	21.2	ng	5567630	3	14.486	5251170	20.0
Dibenzofuran, 4...	15.833	14.1	ng	3704400	3	14.486	5251170	20.0
9H-Fluorene, 1-...	16.545	17.0	ng	3776780	4	17.245	4454220	20.0
4-(4-Methylphen...	16.974	14.6	ng	3257750	4	17.245	4454220	20.0
Naphtho[2,1-b]t...	17.057	25.6	ng	5690940	4	17.245	4454220	20.0
Phenanthrene, 2...	18.116	31.3	ng	6967730	4	17.245	4454220	20.0
Phenanthrene, 1...	18.163	37.4	ng	8317760	4	17.245	4454220	20.0
1H-Cyclopropa[l...	18.239	28.1	ng	6252280	4	17.245	4454220	20.0
4H-Cyclopenta[d...	18.310	59.7	ng	13301700	4	17.245	4454220	20.0
Anthracene, 9-m...	18.339	16.6	ng	3693430	4	17.245	4454220	20.0
4b,8-Dimethyl-2...	18.574	61.0	ng	13582800	4	17.245	4454220	20.0
(1S,4aS,4bS,7S,...	18.698	25.4	ng	5668820	4	17.245	4454220	20.0
unknown18.839	18.839	132.2	ng	29445800	4	17.245	4454220	20.0
9,10-Dimethylan...	19.104	17.4	ng	3863850	4	17.245	4454220	20.0
10,18-Bisnorabi...	19.333	68.1	ng	80946700	5	21.345	23786200	20.0
Retene	20.027	21.6	ng	25678500	5	21.345	23786200	20.0
unknown21.027	21.027	16.8	ng	19973100	5	21.345	23786200	20.0
Benzo[e]pyrene	23.209	19.9	ng	4388120	6	23.762	4401140	20.0
Benzo[j]fluoran...	23.551	38.9	ng	8563210	6	23.762	4401140	20.0
Perylene	23.815	18.4	ng	4045500	6	23.762	4401140	20.0