LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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: BP008895.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.852	818	827	837	rBV	1388267	2343805	3.06%	0.197%
2	10.652	1294	1303	1307	rBV	1924117	3532875	4.62%	0.297%
3	10.705	1307	1312	1320	rVB	3381176	5841469	7.63%	0.492%
4	12.316	1578	1586	1593	rBV	4966750	7876478	10.29%	0.663%
5	12.534	1611	1623	1634	rVB	4041191	6591828	8.61%	0.555%
6	13.110	1713	1721	1732	rVB	1668401	2587981	3.38%	0.218%
7	13.322	1752	1757	1770	rVB	1525400	2275664	2.97%	0.192%
8	13.522	1786	1791	1805	rVB	709555	1645301	2.15%	0.139%
9	13.669	1807	1816	1824	rBV2	2222360	6533726	8.54%	0.550%
10	13.816	1834	1841	1846	rBV	3922937	6921948	9.05%	0.583%
11	13.869	1846	1850	1856	rVB	2543195	3612434	4.72%	0.304%
12	14.051	1873	1881	1885	rBV	1881381	3170744	4.14%	0.267%
13	14.216	1901	1909	1923	rBV	8672386	13877285	18.14%	1.168%
14	14.469	1945	1952	1953	rBV	1378656	1948137	2.55%	0.164%
15	14.493	1953	1956	1961	rVV	3070175	4331883	5.66%	0.365%
16	14.557	1961	1967	1974	rVV2	3359502	5884775	7.69%	0.495%
17	14.704	1986	1992	2001	rBV3	731036	1806346	2.36%	0.152%
18	14.893	2018	2024	2031	rVV	7525439	11864932	15.51%	0.999%
19	14.969	2031	2037	2043	rVV	1683397	2438816	3.19%	0.205%
20	15.116	2053	2062	2066	rBV2	1374468	2845075	3.72%	0.240%
21	15.163	2066	2070	2075	rVB	1253263	1770008	2.31%	0.149%
22	15.287	2082	2091	2094	rBV	1095894	2402583	3.14%	0.202%
23	15.357	2099	2103	2110	rVB2	850112	1589905	2.08%	0.134%
24	15.551	2129	2136	2147	rVB	15142076	24764604	32.36%	2.085%
25	15.840	2180	2185	2196	rVB2	2526915	4613634	6.03%	0.388%
26	15.987	2206	2210	2218	rVB	3473562	6792562	8.88%	0.572%
27	16.216	2243	2249	2260	rVB4	1838461	4094354	5.35%	0.345%
28	16.551	2298	2306	2311	rBV2	3250836	6775348	8.85%	0.570%
29	16.604	2311	2315	2321	rVB	1993482	2830241	3.70%	0.238%
30	16.704	2327	2332	2337	rVB	1790237	2525413	3.30%	0.213%
31	16.987	2374	2380	2382	rVV2	1039710	1908827	2.49%	0.161%
32	17.016	2382	2385	2389	rVV	1479540	2232253	2.92%	0.188%
33	17.069	2389	2394	2405	rVB	5245059	8284131	10.83%	0.697%
34	17.257	2420	2426	2428	rBV	2545919	4084726	5.34%	0.344%
35	17.322	2428	2437	2441	rVV2	30522965	70200505	91.74%	5.910%
36	17.398	2441	2450	2454	rVV	16470694	24899251	32.54%	2.096%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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	17.445	2454	2458	2464	rVB3	1512006	2568260	3.36%	0.216%
38	17.657	2490	2494	2507	rVV	3365186	6818661	8.91%	0.574%
39	17.763	2507	2512	2516	rVV2	2402203	4690385	6.13%	0.395%
40	17.798	2516	2518	2521	rVV2	1511681	1893064	2.47%	0.159%
41	17.834	2521	2524	2532	rVV2	2021880	3284688	4.29%	0.277%
42	17.939	2535	2542	2545	rVV	24995222	40139732	52.46%	3.379%
43	17.975	2545	2548	2555	rVB	1078829	1733270	2.27%	0.146%
44	18.128	2567	2574	2577	rVV	9570257	14316727	18.71%	1.205%
45	18.169	2577	2581	2589	rVV	13401305	22275806	29.11%	1.875%
46	18.251	2590	2595	2600	rVV	4435473	6567856	8.58%	0.553%
47	18.316	2600	2606	2610	rVV2	15124053	27860353	36.41%	2.346%
48	18.351	2610	2612	2618	rVB	6693165	7189073	9.40%	0.605%
49	18.428	2621	2625	2628	rBV2	1243419	1779830	2.33%	0.150%
50	18.604	2649	2655	2660	rBV	5506464	7745682	10.12%	0.652%
51	18.657	2660	2664	2673	rVB3	1387947	2519745	3.29%	0.212%
52	18.845	2689	2696	2700	rBV2	2012772	3329675	4.35%	0.280%
53	18.898	2700	2705	2708	rVV	2779012	3503559	4.58%	0.295%
54	18.934	2708	2711	2715	rVB	2150594	2688143	3.51%	0.226%
55	19.051	2719	2731	2733	rBV2	27756956	71251924	93.12%	5.999%
56	19.092	2733	2738	2745	rVB6	27788344	75042514	98.07%	6.318%
57	19.151	2745	2748	2751	rBV3	2576465	4103834	5.36%	0.346%
58	19.198	2751	2756	2761	rVB	16471021	23611775	30.86%	1.988%
59	19.292	2761	2772	2777	rBV2	31700141	76517639	100.00%	6.442%
60	19.375	2782	2786	2787	rVV	2053851	2972633	3.88%	0.250%
61	19.422	2790	2794	2799	rVB	4804974	6719011	8.78%	0.566%
62	19.510	2805	2809	2812	rBV	2154668	3182915	4.16%	0.268%
63	19.545	2812	2815	2820	rVB3	2436209	3407890	4.45%	0.287%
64	19.645	2821	2832	2838	rBV3	27586665	69590169	90.95%	5.859%
65	19.704	2838	2842	2848	rVB2	3390186	5393651	7.05%	0.454%
66	19.816	2856	2861	2865	rBV2	4055173	6144353	8.03%	0.517%
67	19.951	2878	2884	2889	rBV2	4239049	10056619	13.14%	0.847%
68	20.075	2899	2905	2908	rBV4	4305447	8524939	11.14%	0.718%
69	20.116	2908	2912	2915	rVV	11684490	15072960	19.70%	1.269%
70	20.145	2915	2917	2921	rVB3	2676620	2796588	3.65%	0.235%
71	20.210	2923	2928	2932	rBV	11556463	15032685	19.65%	1.266%
72	20.263	2932	2937	2942	rVV3	6523811	11011963	14.39%	0.927%
73	20.357	2948	2953	2956	rBV2	1243100	2408655	3.15%	0.203%
74	20.404	2957	2961	2964	rVV	4487125	6146476	8.03%	0.517%
75	20.445	2964	2968	2972	rVB	4333620	5813217	7.60%	0.489%
76	20.686	3006	3009	3011	rBV	1226286	1532864	2.00%	0.129%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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	20.798	3025	3028	3032	rBV	1636388	2721952	3.56%	0.229%
78	20.851	3032	3037	3039	rBV2	3195751	5732901	7.49%	0.483%
79	21.004	3059	3063	3066	rBV	4188948	5532356	7.23%	0.466%
80	21.039	3066	3069	3072	rVB	4660498	5323152	6.96%	0.448%
81	21.081	3072	3076	3080	rBV2	4441621	6212652	8.12%	0.523%
82	21.186	3091	3094	3097	rBV2	1887731	2084012	2.72%	0.175%
83	21.345	3114	3121	3126	rBV3	23305501	47465451	62.03%	3.996%
84	21.398	3126	3130	3138	rVB	20975446	35957492	46.99%	3.027%
85	21.516	3146	3150	3155	rBV	3551893	5912302	7.73%	0.498%
86	21.569	3156	3159	3164	rVV3	2053489	3330632	4.35%	0.280%
87	21.680	3174	3178	3183	rBV	3873351	5660133	7.40%	0.477%
88	21.869	3207	3210	3214	rBV2	1841882	2534856	3.31%	0.213%
89	21.933	3214	3221	3226	rVV	5911056	12310729	16.09%	1.036%
90	21.986	3227	3230	3237	rVB	3011848	4572180	5.98%	0.385%
91	22.104	3246	3250	3254	rBV3	2252821	3650982	4.77%	0.307%
92	22.151	3254	3258	3261	rBV2	2808989	4595209	6.01%	0.387%
93	22.251	3271	3275	3280	rVB2	2316436	3657328	4.78%	0.308%
94	23.063	3404	3413	3418	rBV	15071873	46566540	60.86%	3.921%
95	23.239	3437	3443	3449	rVB	4326069	7989228	10.44%	0.673%
96	23.586	3494	3502	3511	rVB	10600108	24975365	32.64%	2.103%
97	23.698	3512	3521	3527	rVV	15281971	35138834	45.92%	2.958%
98	23.845	3541	3546	3555	rVB2	5643821	12976680	16.96%	1.093%
99	26.357	3962	3973	3982	rVB	8598992	28822754	37.67%	2.427%
100	27.139	4100	4106	4123	rVB	6285238	19082441	24.94%	1.607%

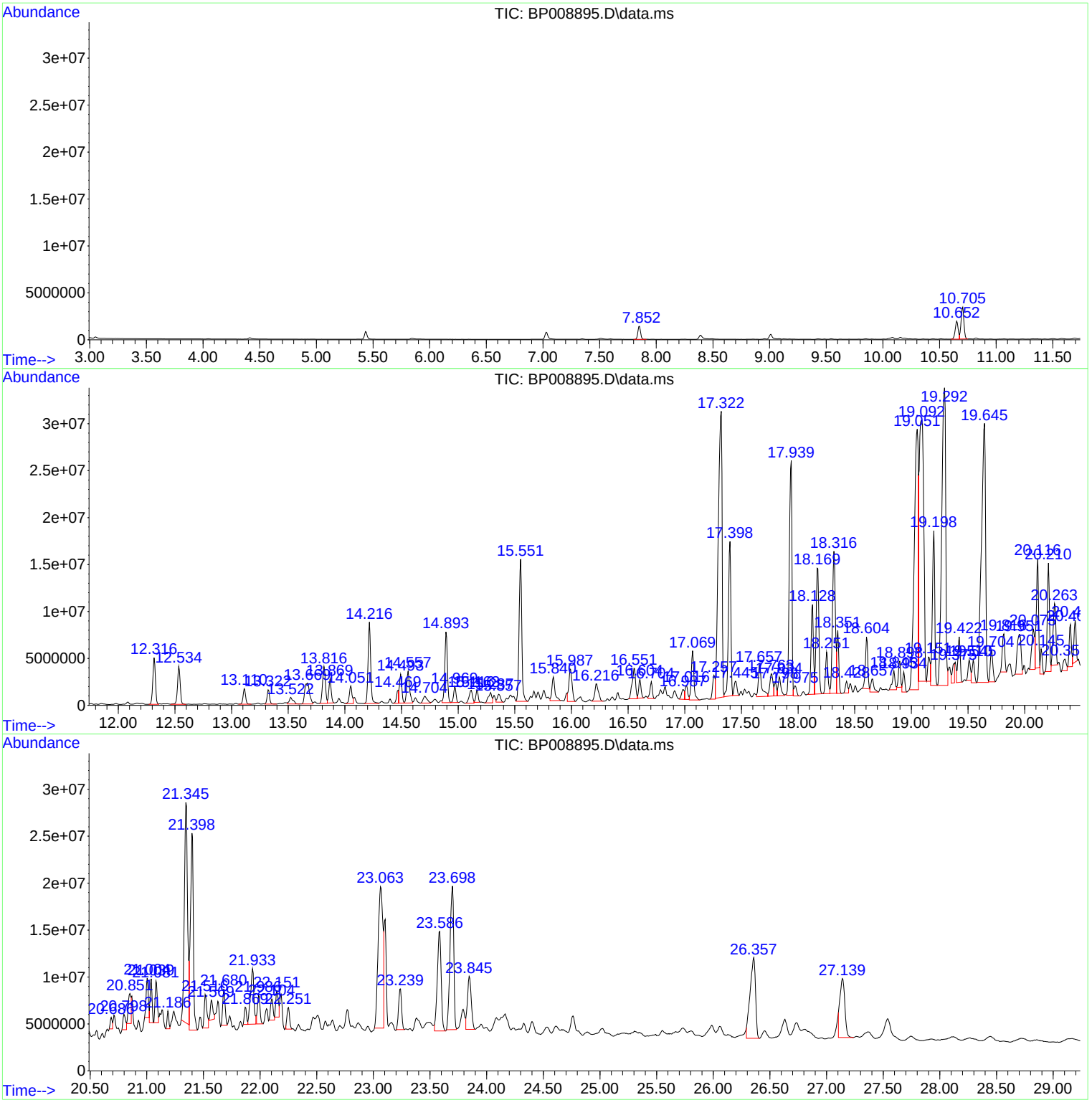
Sum of corrected areas: 1187745791

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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 : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

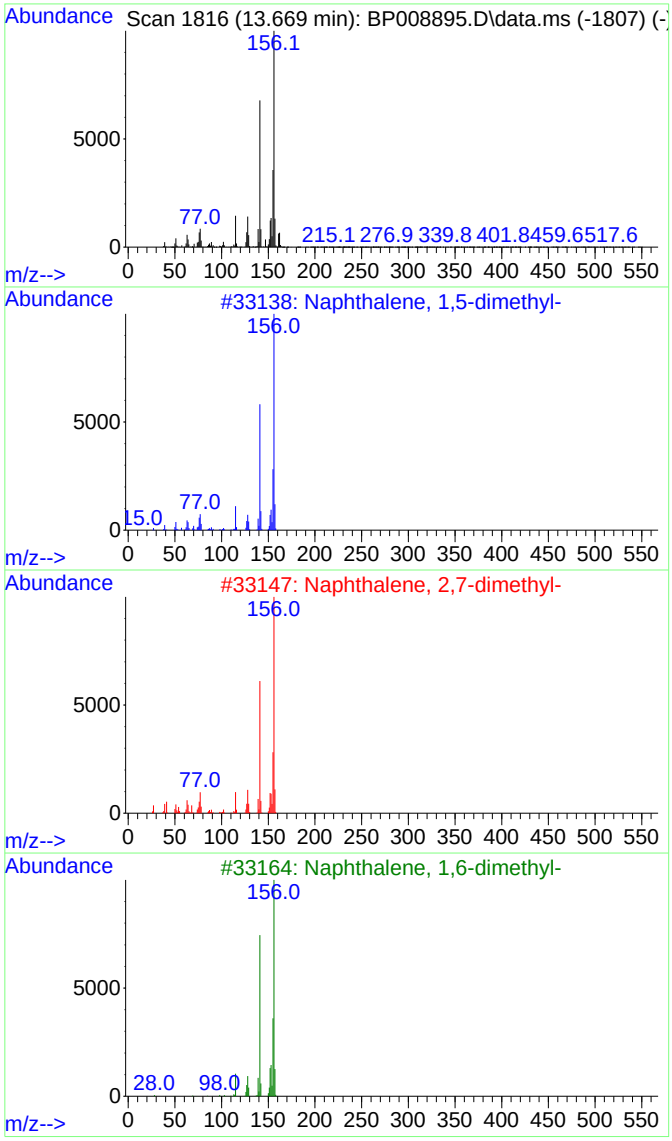
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

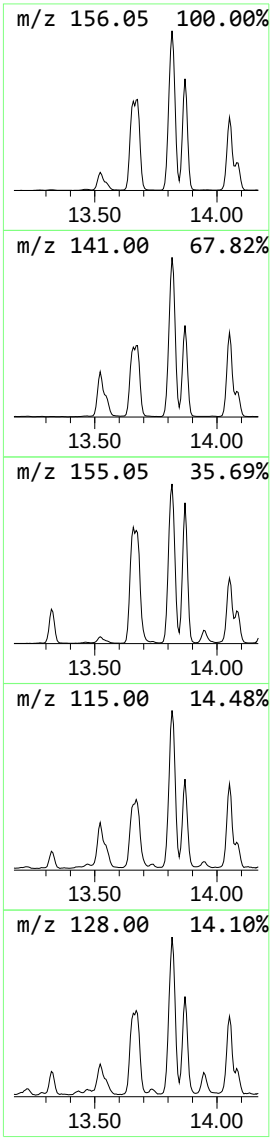
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	30.17 ng	6533730	Acenaphthene-d10	14.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

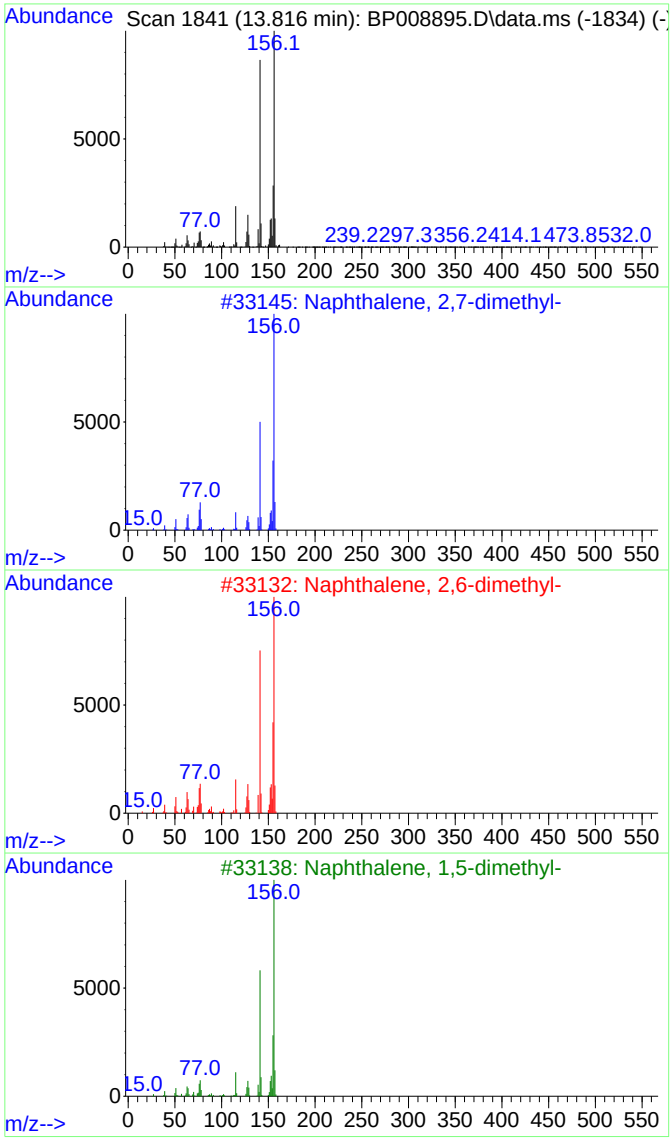
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

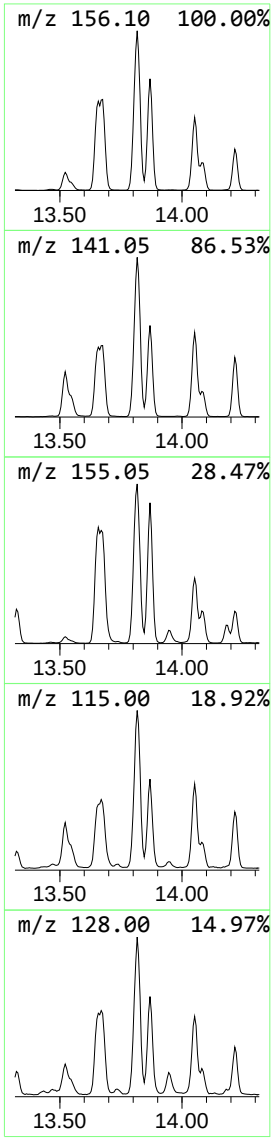
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	31.96 ng	6921950	Acenaphthene-d10	14.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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 : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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

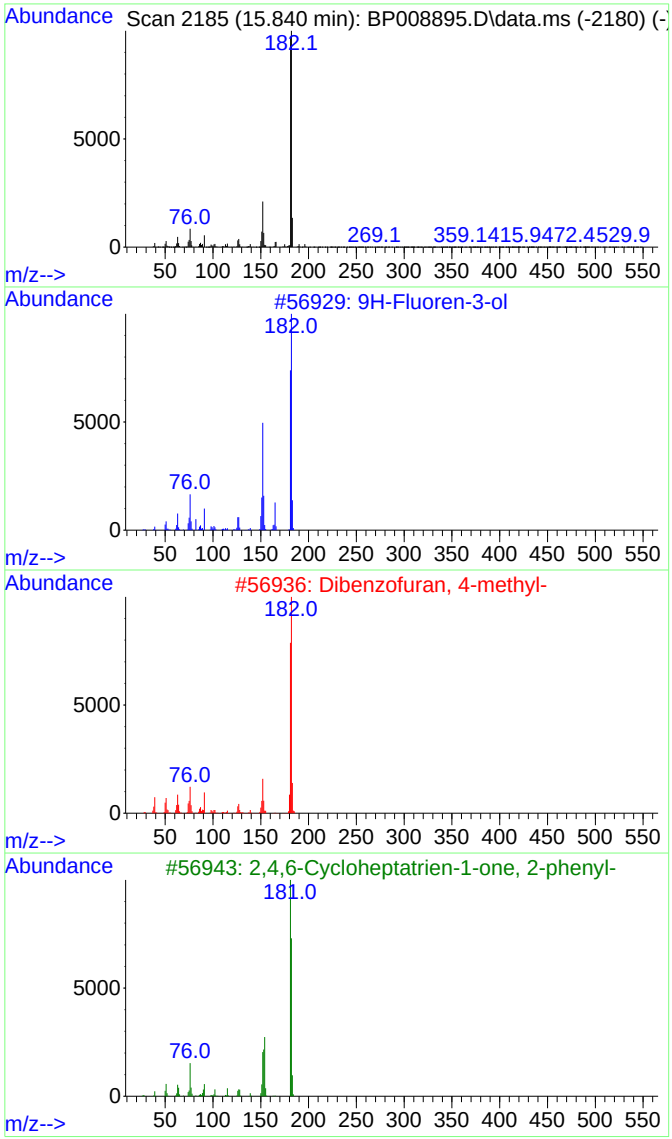
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

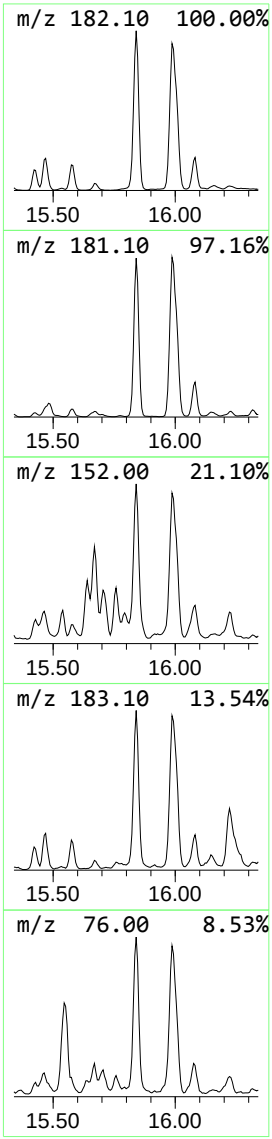
****

Peak Number 3 9H-Fluoren-3-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.840	21.30 ng	4613630	Acenaphthene-d10	14.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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

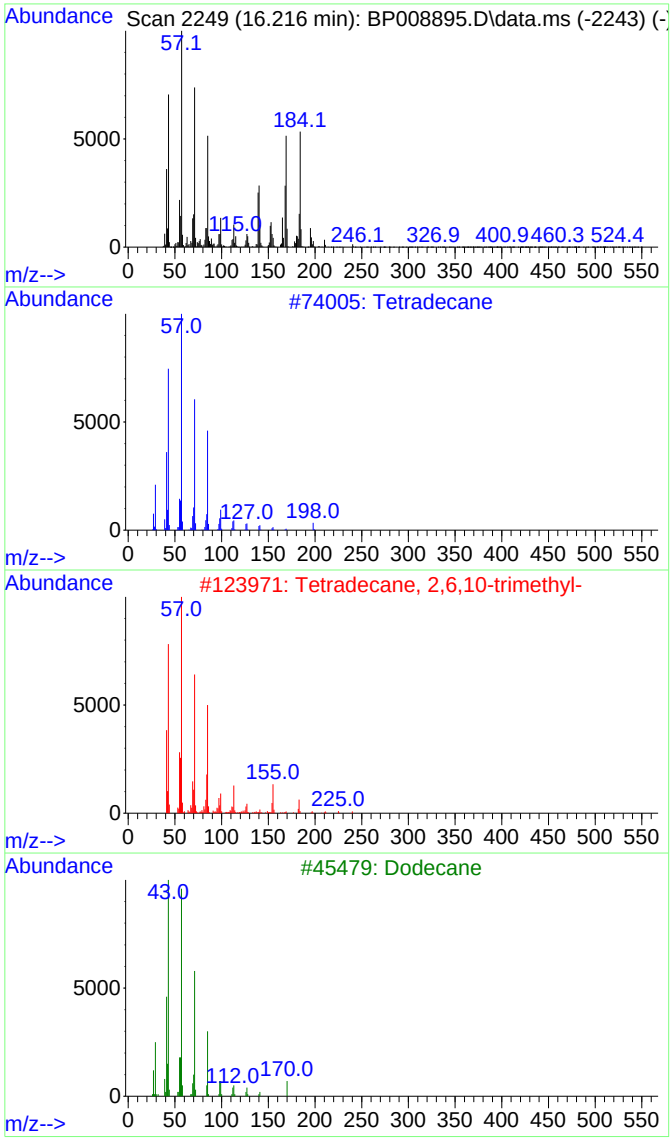
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

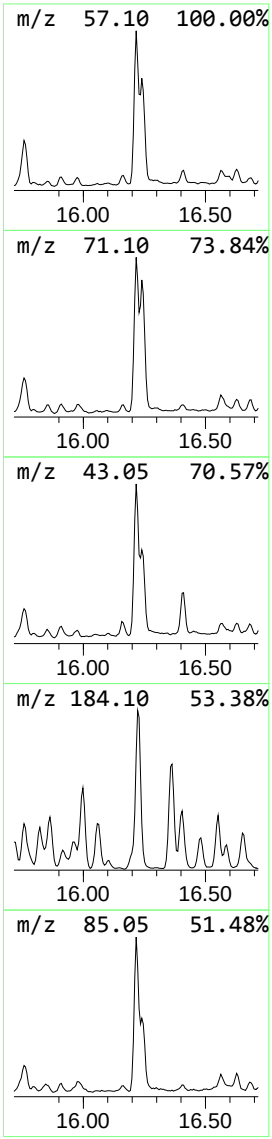
****

Peak Number 4 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.216	20.05 ng	4094350	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	56
3	Dodecane	170	C12H26	000112-40-3	46
4	Nonadecane	268	C19H40	000629-92-5	42
5	Octacosane	394	C28H58	000630-02-4	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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

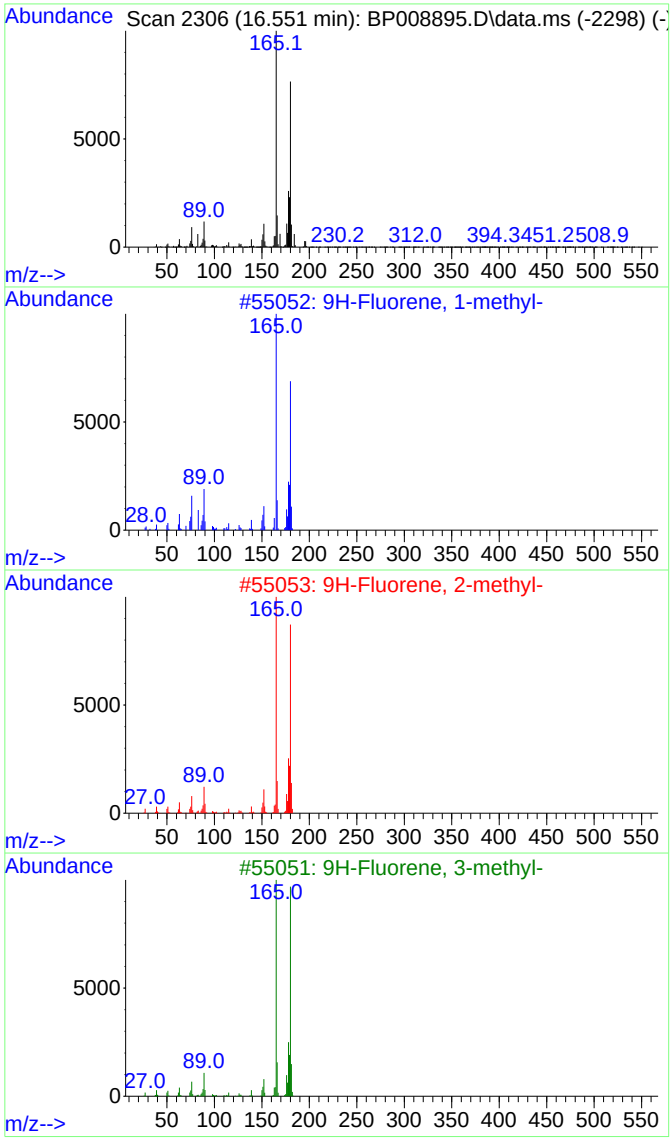
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

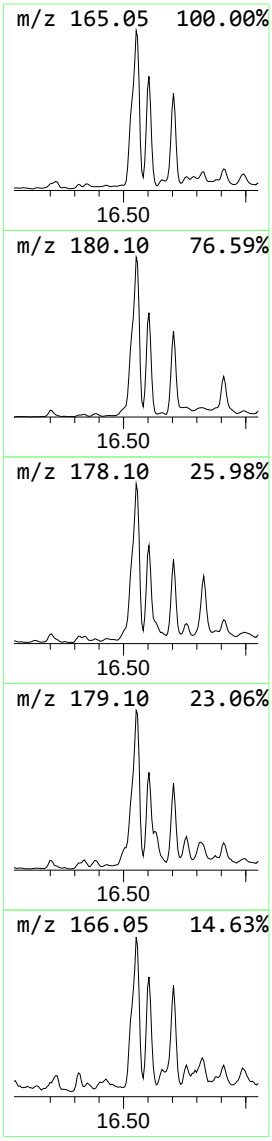
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	33.17 ng	6775350	Phenanthrene-d10	17.257

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	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87





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Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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

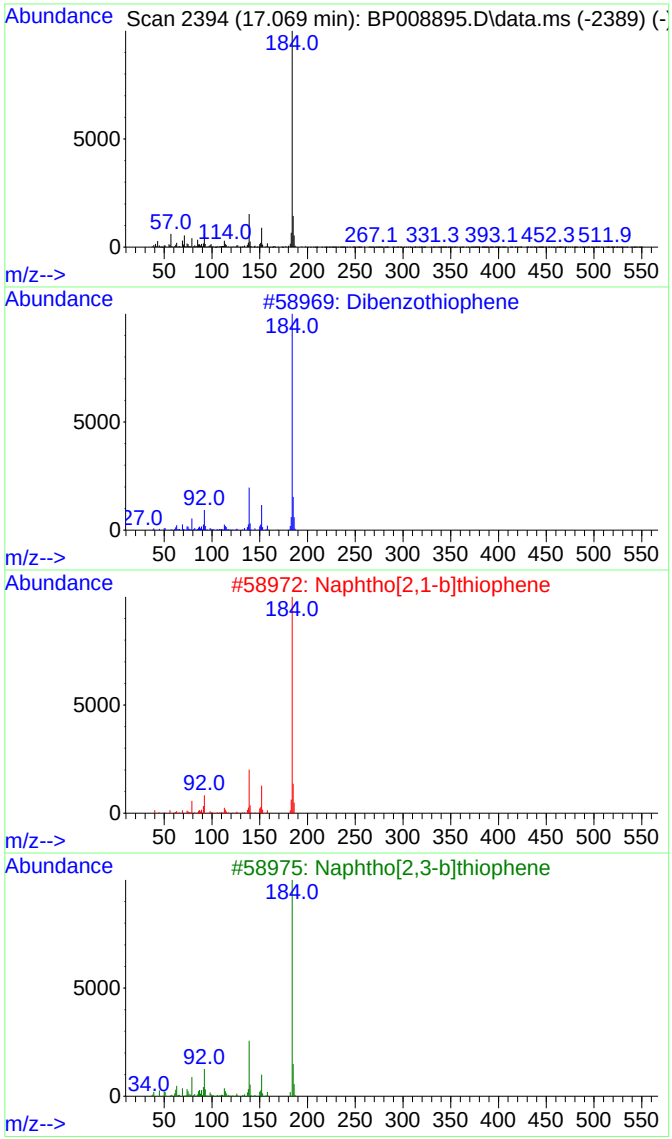
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

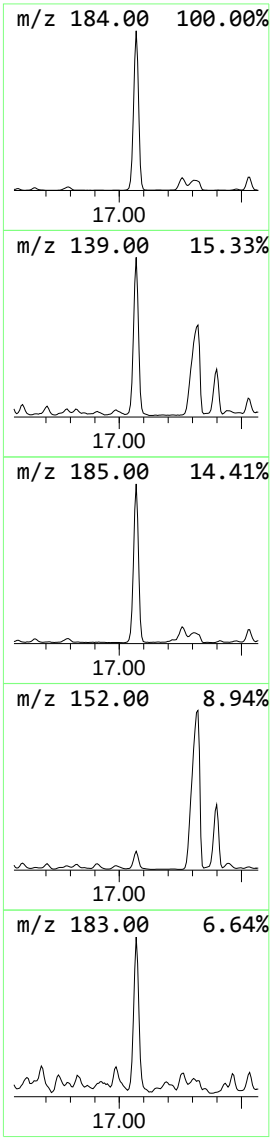
****

Peak Number 6 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.069	40.56 ng	8284130	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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

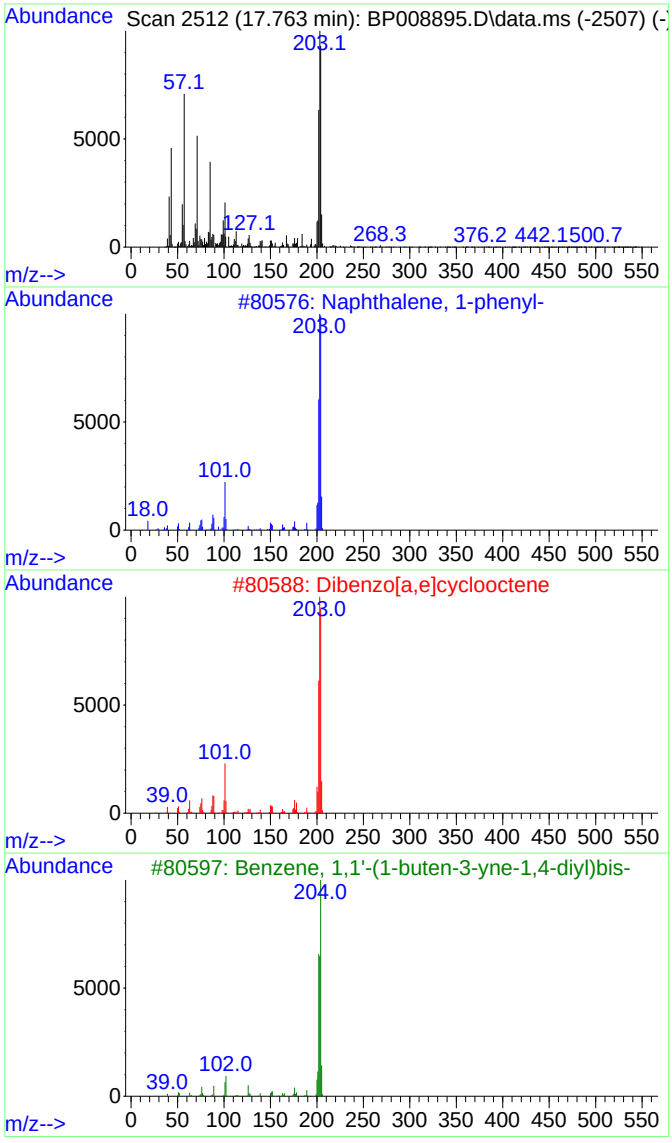
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

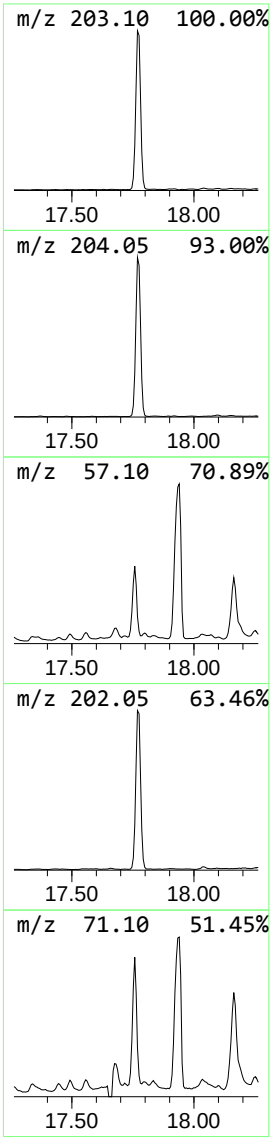
****

Peak Number 7 Naphthalene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.763	22.97 ng	4690390	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	60
5	Nonadecane	268	C19H40	000629-92-5	59





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Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

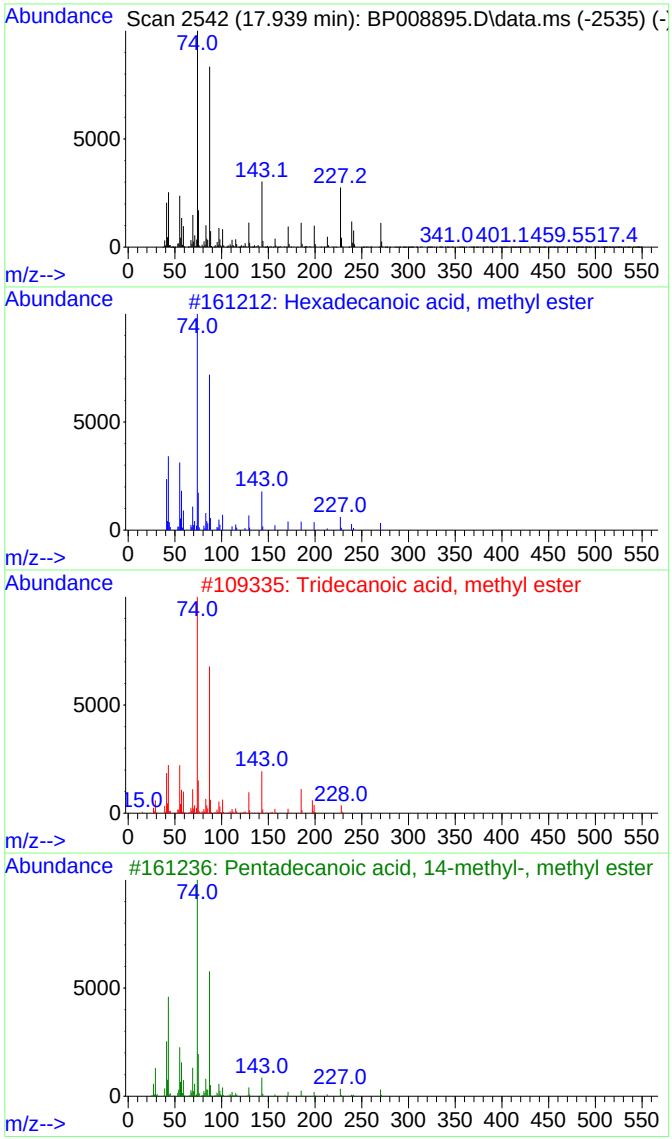
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

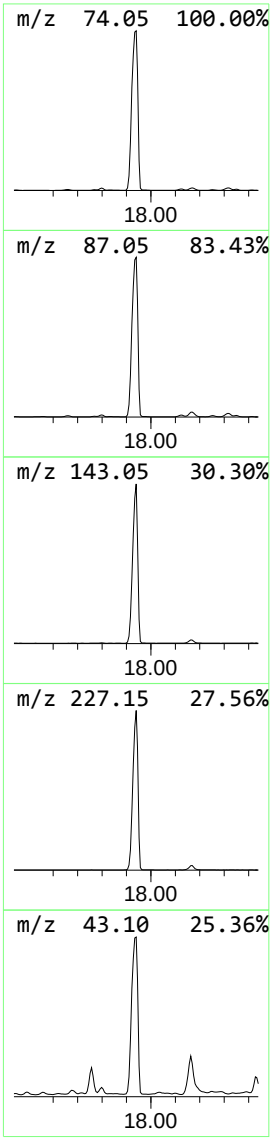
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	196.54 ng	40139700	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	97
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	87
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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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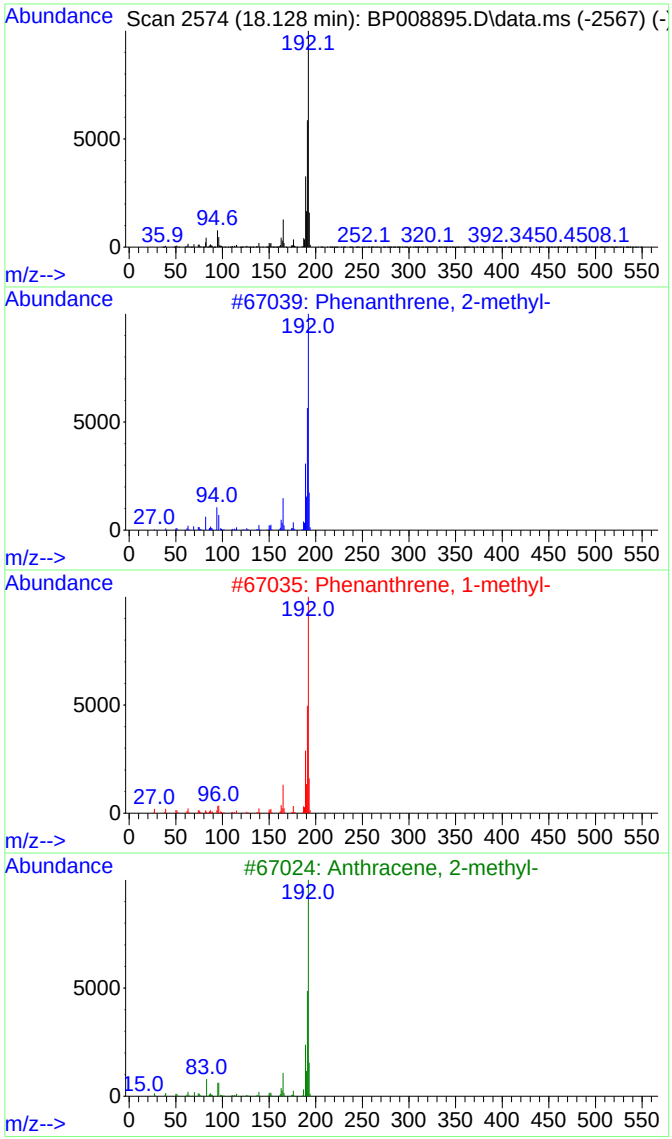
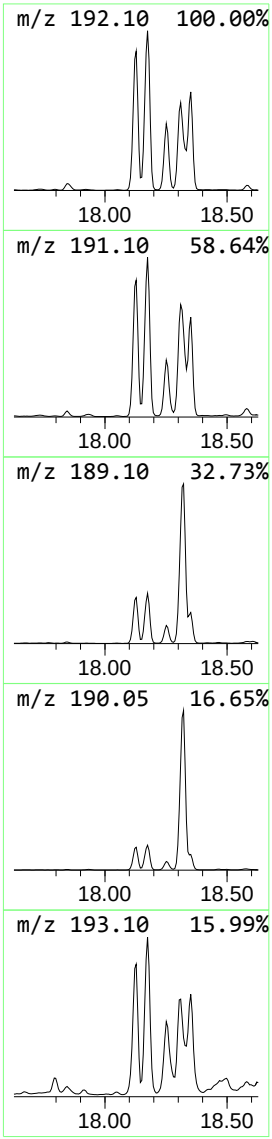
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	70.10 ng	14316700	Phenanthrene-d10	17.257

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	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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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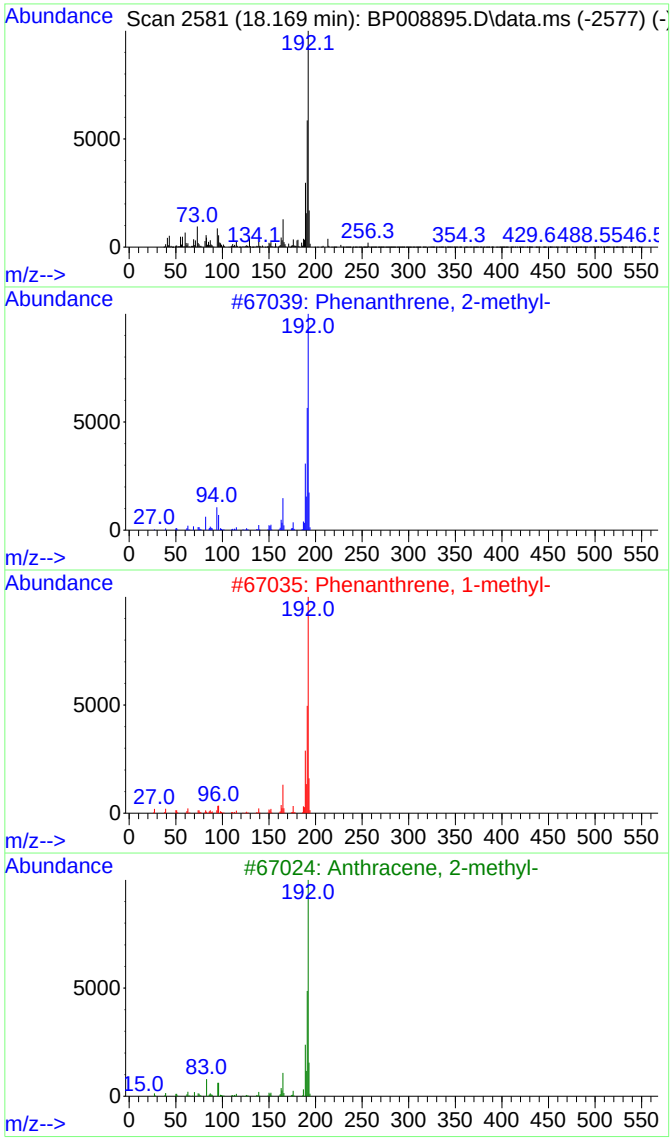
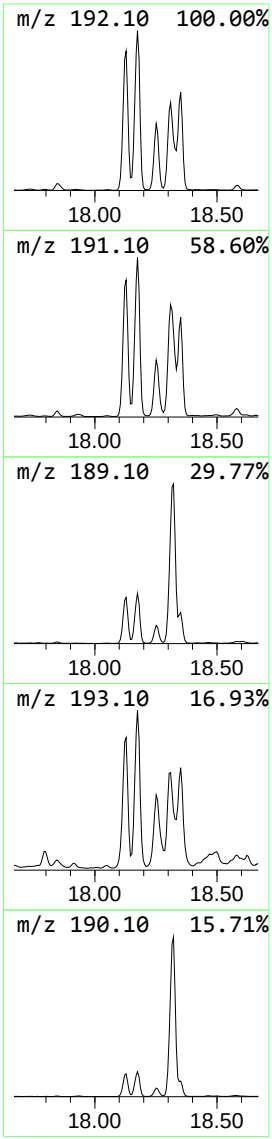
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	109.07 ng	22275800	Phenanthrene-d10	17.257

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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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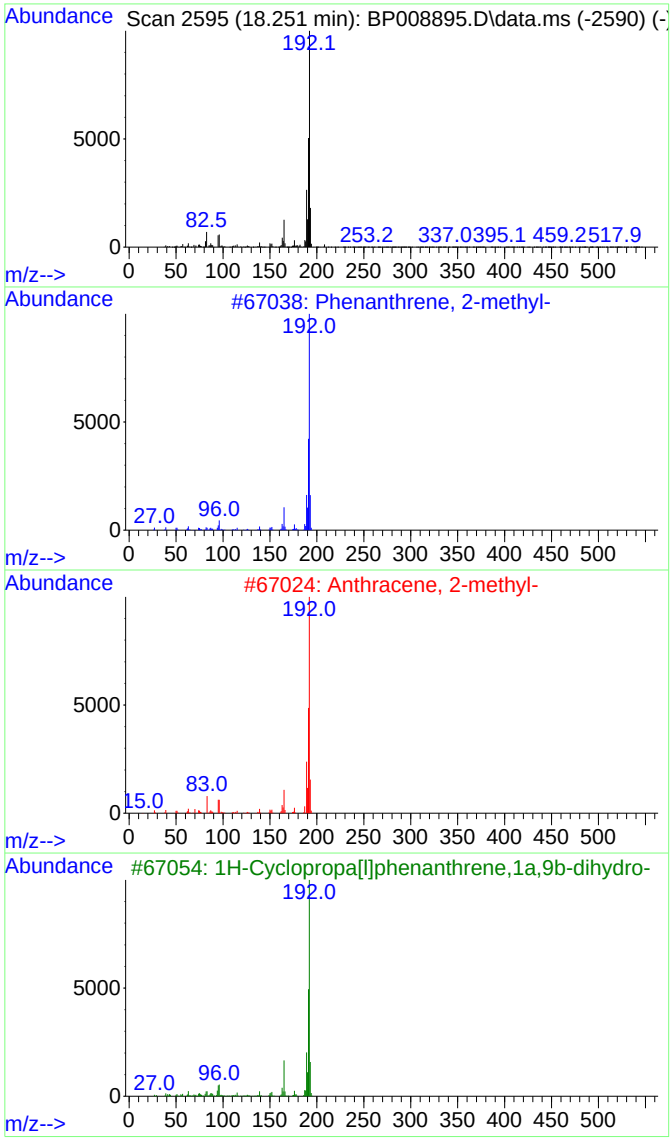
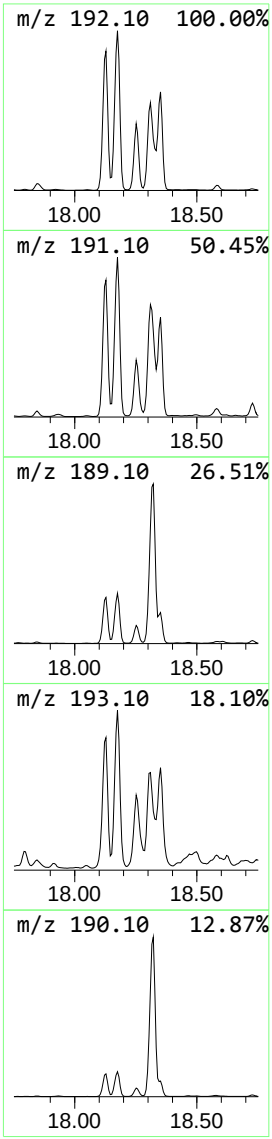
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	32.16 ng	6567860	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

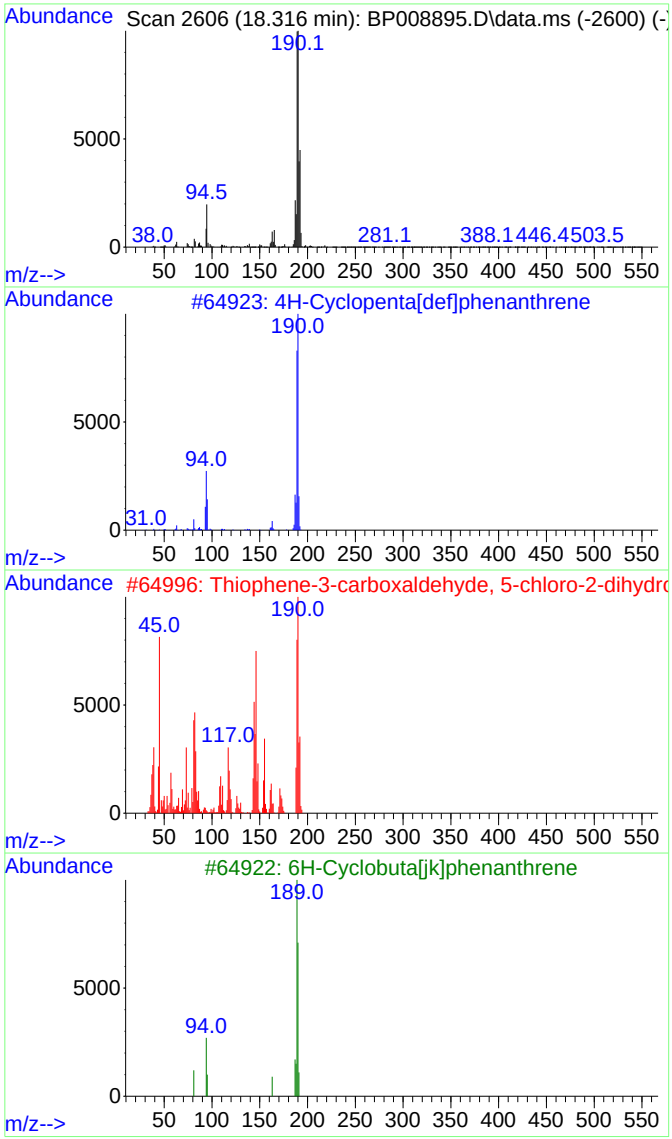
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

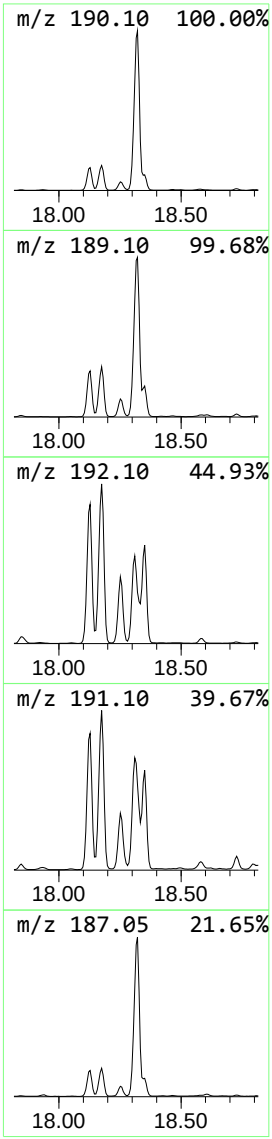
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	136.41 ng	27860400	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

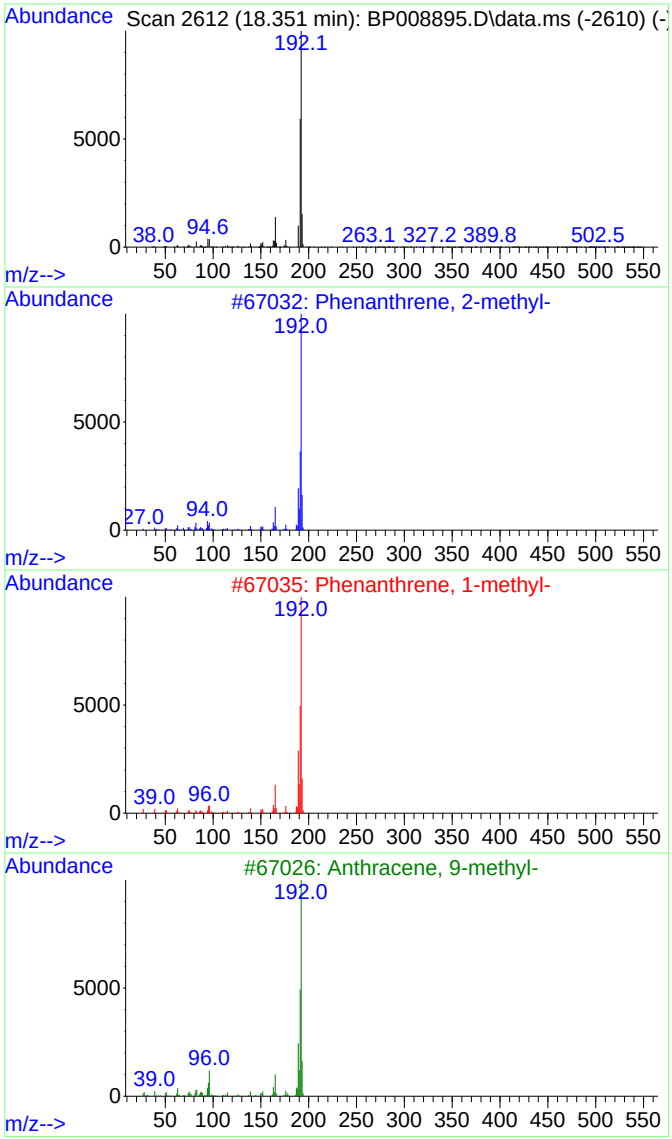
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

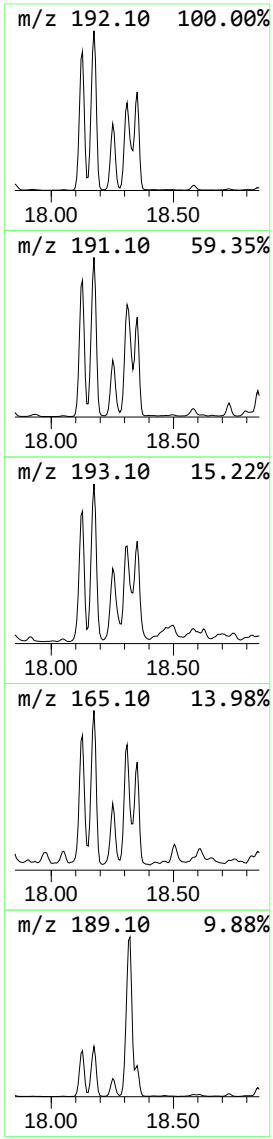
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	35.20 ng	7189070	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

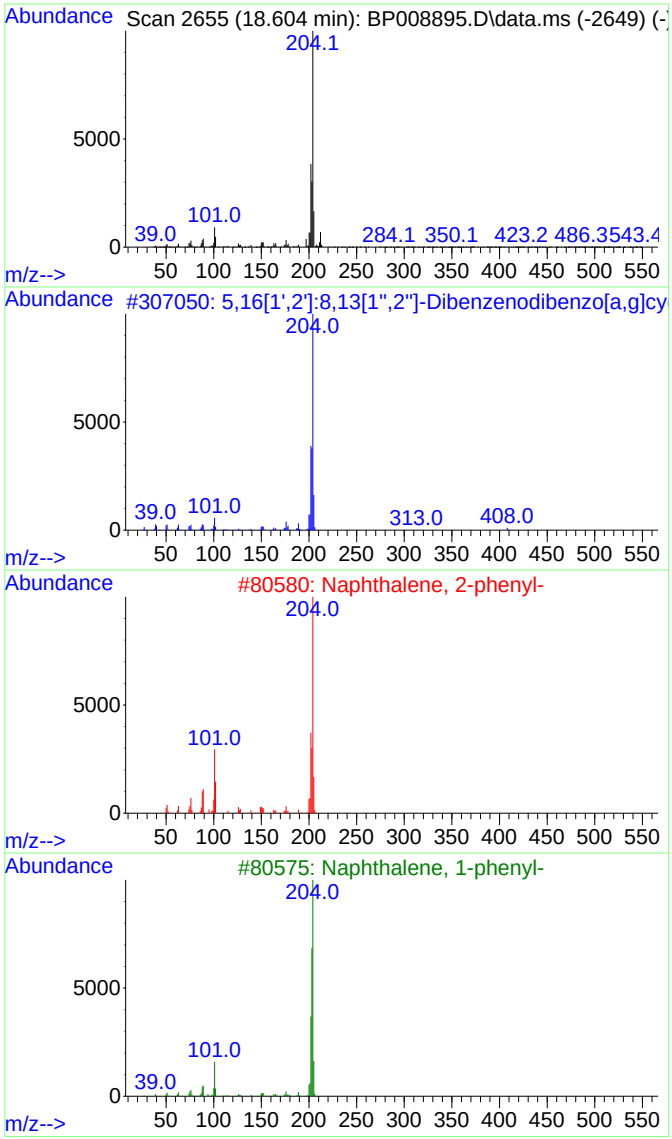
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

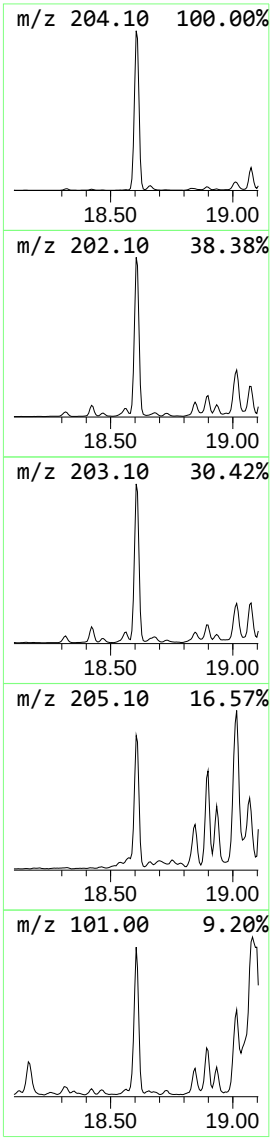
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	37.93 ng	7745680	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47





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Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

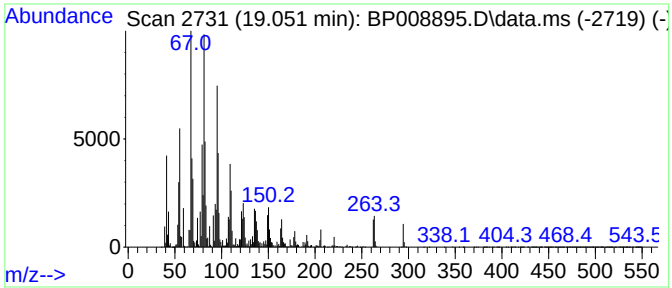
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

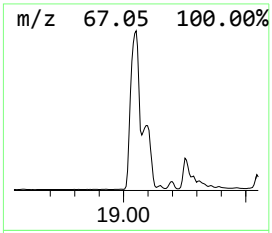
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

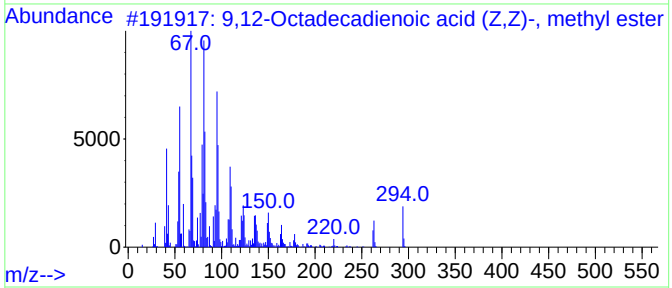
****
Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 2

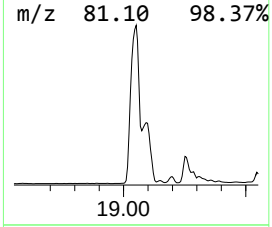
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	348.87 ng	71251900	Phenanthrene-d10	17.257

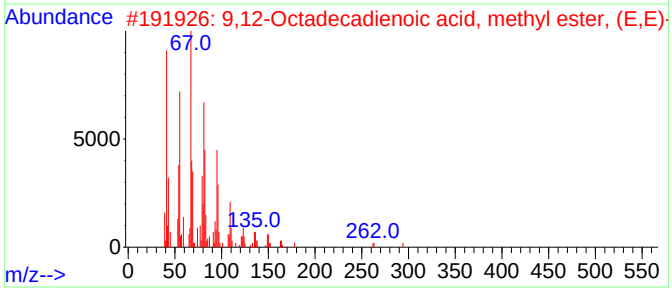
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99

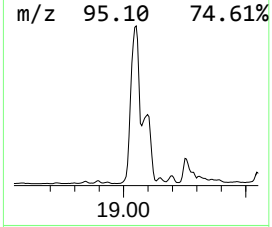


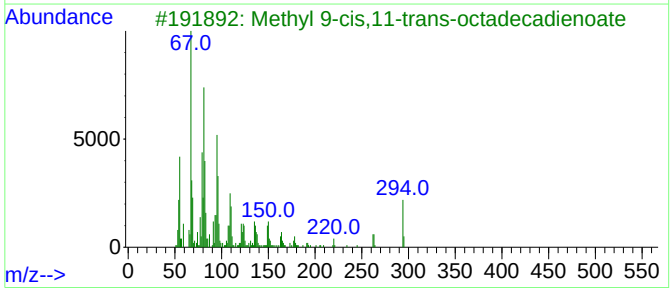


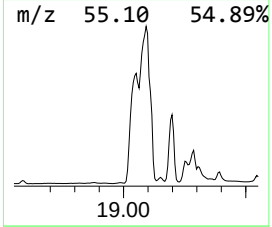


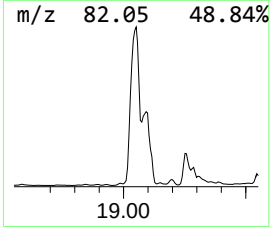












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

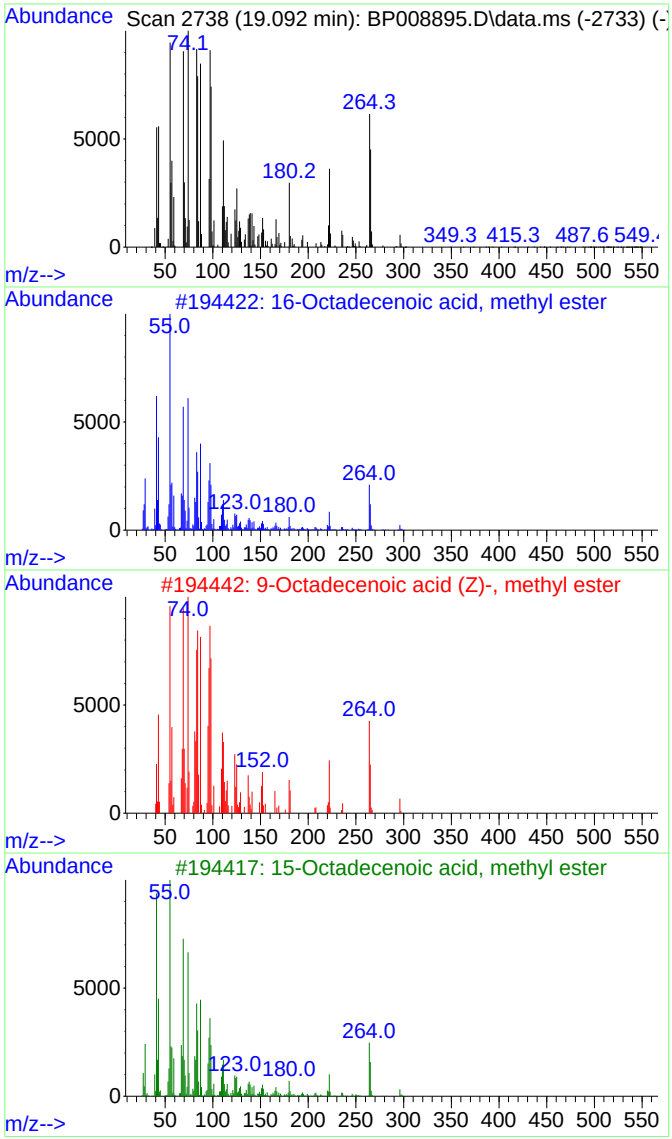
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

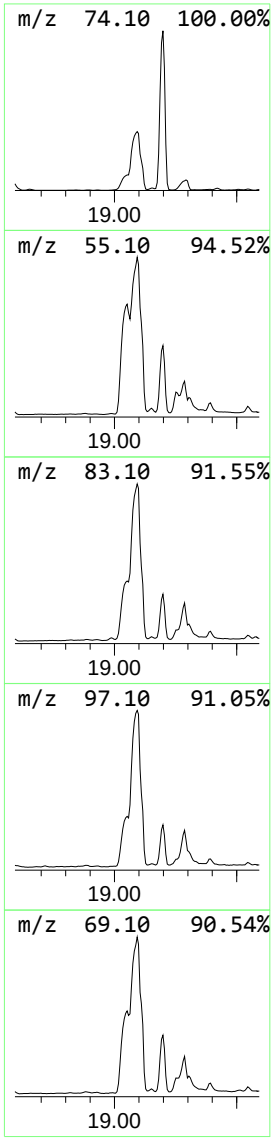
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	367.43 ng	75042500	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

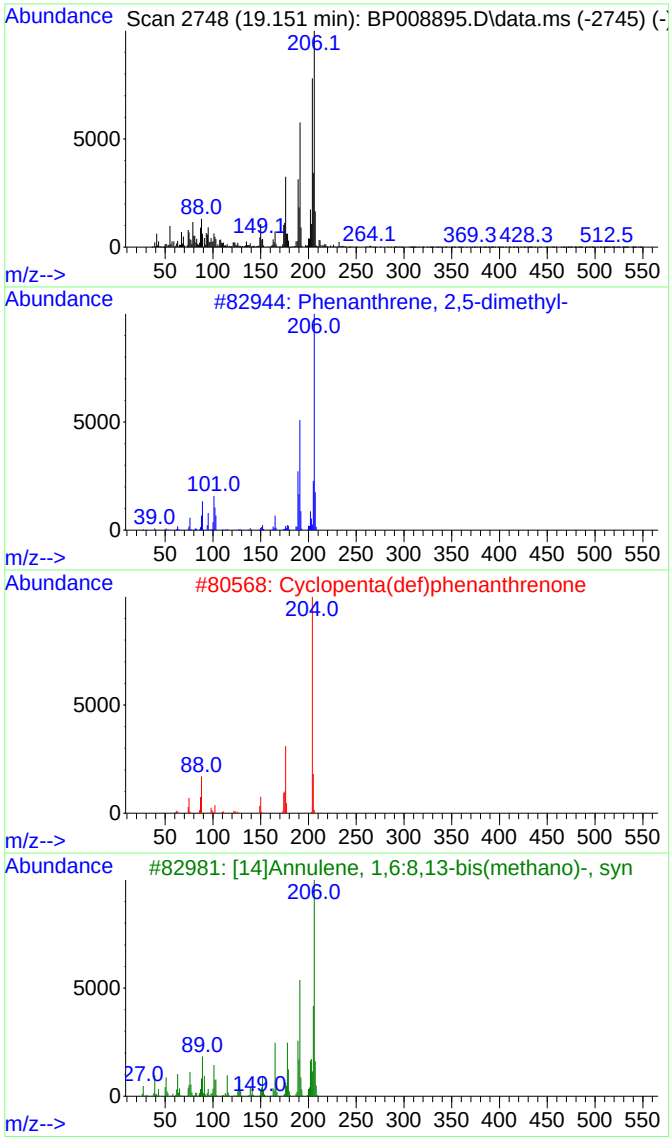
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

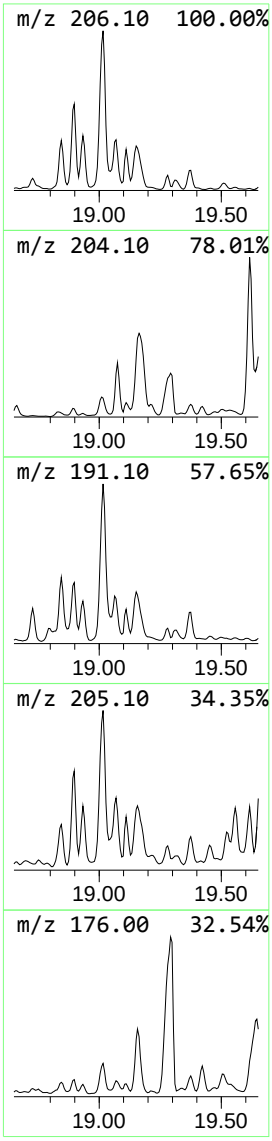
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	20.09 ng	4103830	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55





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Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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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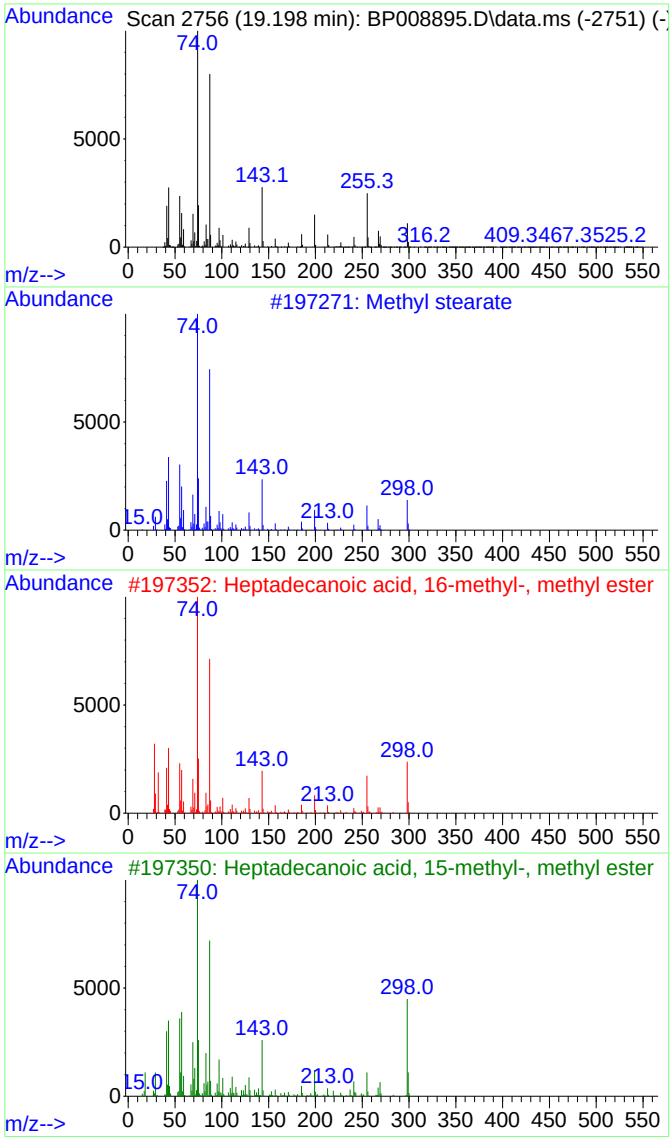
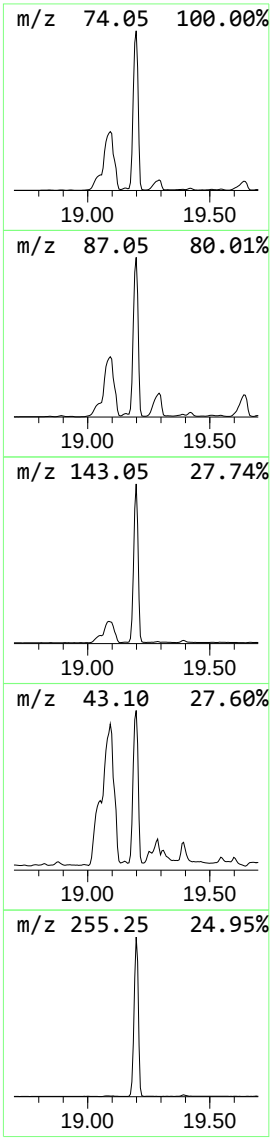
Peak Number 18 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	115.61 ng	23611800	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl 13-methyltetradecanoate	256	C16H32O2	1000424-50-7	72





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Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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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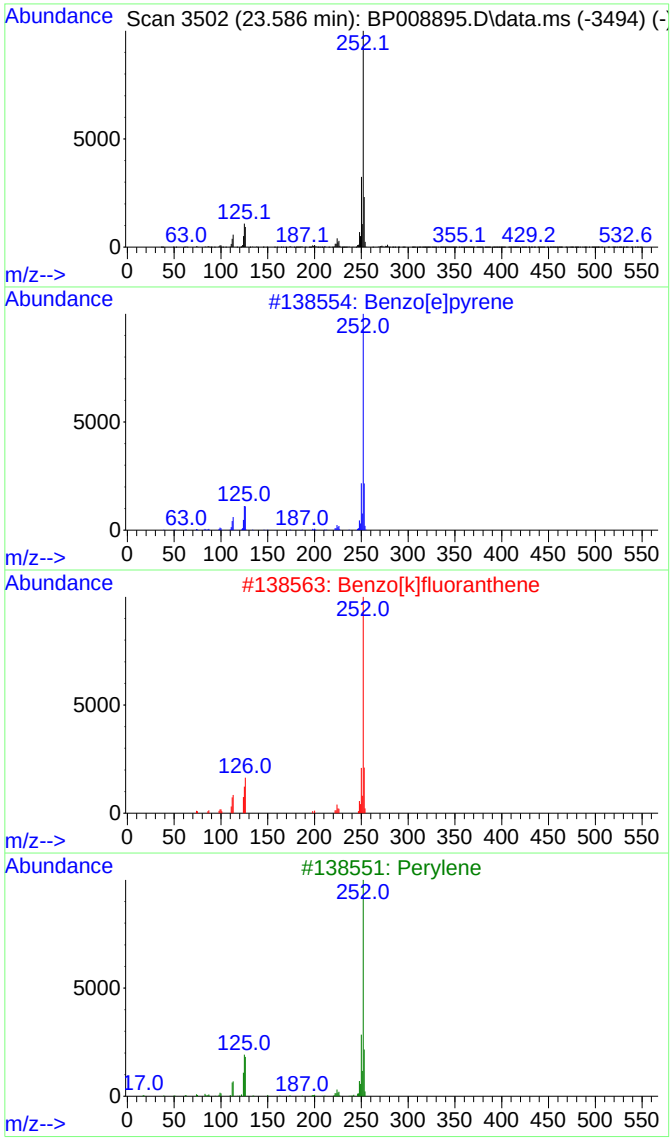
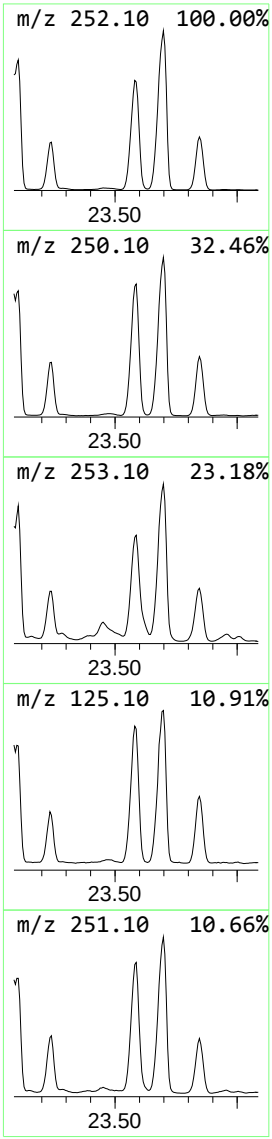
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.586	38.49 ng	24975400	Perylene-d12	23.792

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	Perylene	252	C20H12	000198-55-0	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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

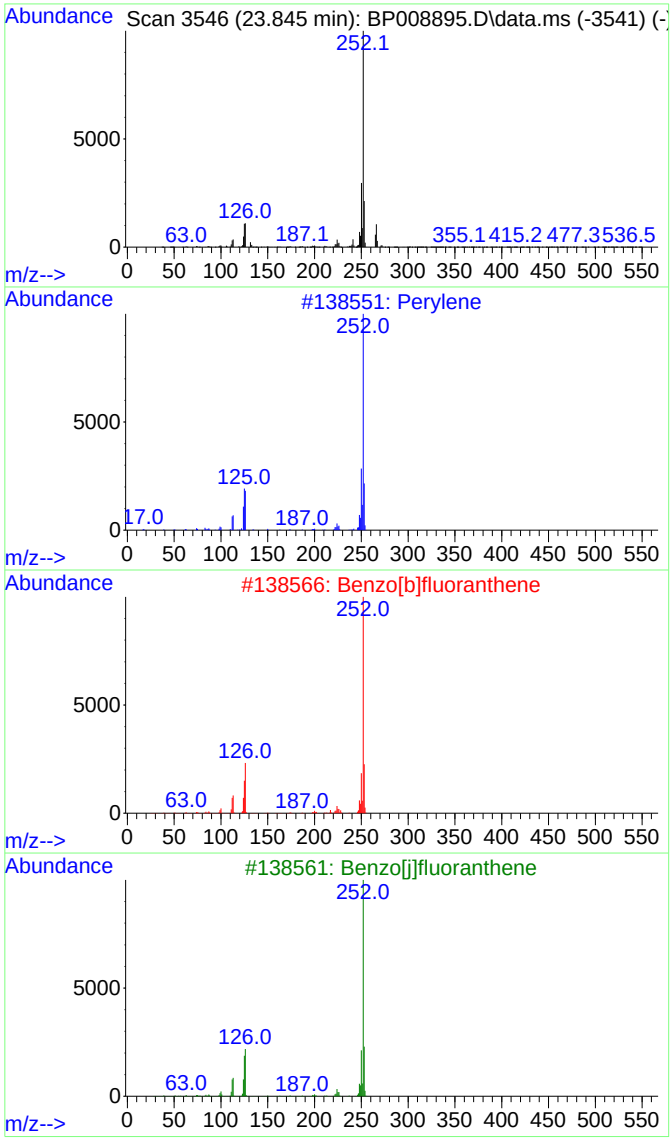
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

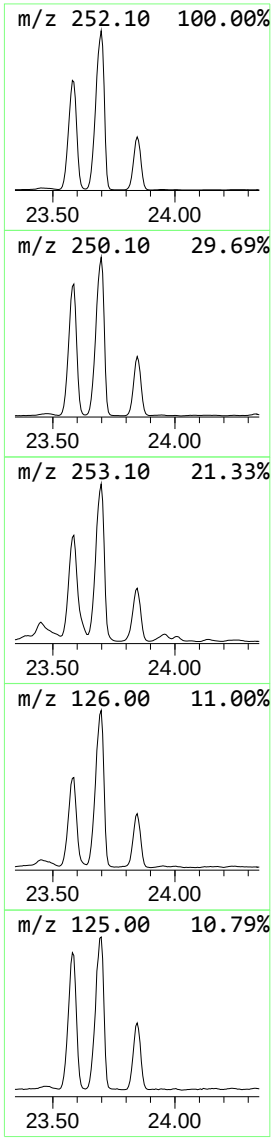
****

Peak Number 20 Perylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.845	20.00 ng	12976700	Perylene-d12	23.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[e]pyrene	252	C20H12	000192-97-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008895.D
Acq On : 24 Jan 2022 19:47
Operator : CG/JU
Sample : N1234-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-01212022

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, 1,...	13.669	30.2	ng	6533730	3	14.493	4331880	20.0
Naphthalene, 2,...	13.816	32.0	ng	6921950	3	14.493	4331880	20.0
9H-Fluoren-3-ol	15.840	21.3	ng	4613630	3	14.493	4331880	20.0
Tetradecane	16.216	20.1	ng	4094350	4	17.257	4084730	20.0
9H-Fluorene, 1-...	16.551	33.2	ng	6775350	4	17.257	4084730	20.0
Dibenzothiophene	17.069	40.6	ng	8284130	4	17.257	4084730	20.0
Naphthalene, 1-...	17.763	23.0	ng	4690390	4	17.257	4084730	20.0
Hexadecanoic ac...	17.939	196.5	ng	40139700	4	17.257	4084730	20.0
Phenanthrene, 2...	18.128	70.1	ng	14316700	4	17.257	4084730	20.0
Phenanthrene, 1...	18.169	109.1	ng	22275800	4	17.257	4084730	20.0
Anthracene, 2-m...	18.251	32.2	ng	6567860	4	17.257	4084730	20.0
4H-Cyclopenta[d...	18.316	136.4	ng	27860400	4	17.257	4084730	20.0
Anthracene, 9-m...	18.351	35.2	ng	7189070	4	17.257	4084730	20.0
5,16[1',2']:8,1...	18.604	37.9	ng	7745680	4	17.257	4084730	20.0
9,12-Octadecadi...	19.051	348.9	ng	71251900	4	17.257	4084730	20.0
16-Octadecenoic...	19.092	367.4	ng	75042500	4	17.257	4084730	20.0
Phenanthrene, 2...	19.151	20.1	ng	4103830	4	17.257	4084730	20.0
Methyl stearate	19.198	115.6	ng	23611800	4	17.257	4084730	20.0
Benzo[e]pyrene	23.586	38.5	ng	24975400	6	23.792	12976700	20.0
Perylene	23.845	20.0	ng	12976700	6	23.792	12976700	20.0