LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

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-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008783.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	8	12	33	rVB	855417	1446575	3.60%	0.327%
2	5.446	412	418	436	rBV	1974523	3308939	8.23%	0.747%
3	7.040	680	689	705	rBV	2080680	3629248	9.02%	0.820%
4	7.863	822	829	838	rBV	1314910	2190603	5.45%	0.495%
5	9.022	1019	1026	1038	rBV	1319616	2252414	5.60%	0.509%
6	10.669	1297	1306	1311	rBV	1913409	3343904	8.31%	0.755%
7	10.716	1311	1314	1320	rVB	342753	536871	1.33%	0.121%
8	12.328	1578	1588	1595	rBV	277133	458923	1.14%	0.104%
9	12.545	1619	1625	1634	rVB	327741	536228	1.33%	0.121%
10	13.128	1717	1724	1736	rBV	4042815	6004354	14.93%	1.356%
11	13.828	1836	1843	1848	rBV	398580	692029	1.72%	0.156%
12	14.228	1901	1911	1924	rBV	862574	1436538	3.57%	0.324%
13	14.504	1948	1958	1964	rBV	3337266	5181818	12.88%	1.170%
14	14.569	1964	1969	1976	rVB	1061437	1597369	3.97%	0.361%
15	14.904	2016	2026	2033	rVV	662820	1133423	2.82%	0.256%
16	15.551	2130	2136	2148	rVB	1135745	1776084	4.42%	0.401%
17	15.851	2182	2187	2197	rVB2	416909	923642	2.30%	0.209%
18	15.998	2204	2212	2220	rVB	3961524	6057941	15.06%	1.368%
19	16.233	2247	2252	2259	rVB3	355058	596138	1.48%	0.135%
20	16.539	2297	2304	2305	rBV3	324062	519265	1.29%	0.117%
21	16.563	2305	2308	2313	rVV2	406497	665688	1.66%	0.150%
22	16.610	2313	2316	2322	rVB2	396712	609724	1.52%	0.138%
23	16.710	2330	2333	2338	rVB2	290387	462822	1.15%	0.105%
24	16.833	2350	2354	2358	rVB2	398376	514885	1.28%	0.116%
25	16.910	2362	2367	2374	rVB	978372	1558019	3.87%	0.352%
26	16.992	2376	2381	2391	rBV5	350302	1068770	2.66%	0.241%
27	17.075	2391	2395	2405	rVB	941399	1567244	3.90%	0.354%
28	17.263	2421	2427	2430	rBV	4168679	6549089	16.28%	1.479%
29	17.304	2430	2434	2440	rVV	15728534	22627293	56.26%	5.110%
30	17.392	2444	2449	2455	rVB	3512666	4898736	12.18%	1.106%
31	17.451	2455	2459	2465	rBV3	438969	778586	1.94%	0.176%
32	17.575	2477	2480	2485	rVB2	337207	458659	1.14%	0.104%
33	17.663	2486	2495	2500	rBV	1410714	2457760	6.11%	0.555%
34	17.780	2511	2515	2519	rVB	496073	629121	1.56%	0.142%
35	17.839	2520	2525	2534	rVB	1172878	1730378	4.30%	0.391%
36	17.980	2545	2549	2556	rVB	504867	904901	2.25%	0.204%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

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-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.051	2557	2561	2565	rBV	454064	641930	1.60%	0.145%
38	18.127	2569	2574	2578	rVV	4186291	6299522	15.66%	1.423%
39	18.175	2578	2582	2589	rVB	5186822	7737912	19.24%	1.747%
40	18.251	2590	2595	2600	rBV	1748011	2561689	6.37%	0.579%
41	18.316	2600	2606	2610	rVV2	5487408	10208382	25.38%	2.305%
42	18.351	2610	2612	2618	rVB	3504225	4155151	10.33%	0.938%
43	18.433	2620	2626	2628	rBV4	382224	679286	1.69%	0.153%
44	18.463	2628	2631	2635	rVB3	367381	509335	1.27%	0.115%
45	18.510	2635	2639	2643	rBV3	603296	905818	2.25%	0.205%
46	18.610	2651	2656	2660	rBV	2418173	3314040	8.24%	0.748%
47	18.651	2660	2663	2673	rVB2	2451030	3766538	9.36%	0.851%
48	18.733	2673	2677	2683	rBV	695961	1074633	2.67%	0.243%
49	18.822	2688	2692	2694	rBV2	584549	802486	2.00%	0.181%
50	18.851	2694	2697	2701	rVV	1414110	1703222	4.23%	0.385%
51	18.898	2701	2705	2708	rVV	1174065	1297682	3.23%	0.293%
52	18.933	2708	2711	2716	rVB2	1163331	1518363	3.77%	0.343%
53	19.022	2720	2726	2730	rBV	3962555	6695849	16.65%	1.512%
54	19.074	2730	2735	2739	rVV2	1866699	3919781	9.75%	0.885%
55	19.110	2739	2741	2744	rVB	1156211	1102788	2.74%	0.249%
56	19.157	2744	2749	2756	rBV3	2709713	4949947	12.31%	1.118%
57	19.274	2764	2769	2775	rVB	21431190	31780766	79.01%	7.177%
58	19.333	2775	2779	2782	rBV	764195	1035921	2.58%	0.234%
59	19.369	2782	2785	2790	rVB2	1095662	1526027	3.79%	0.345%
60	19.469	2797	2802	2805	rBV3	909951	1386240	3.45%	0.313%
61	19.510	2805	2809	2812	rVV2	1325595	1871896	4.65%	0.423%
62	19.545	2812	2815	2819	rVB2	805355	1076905	2.68%	0.243%
63	19.633	2819	2830	2836	rBV	21839401	40221956	100.00%	9.083%
64	19.698	2836	2841	2847	rVB3	1907445	3277802	8.15%	0.740%
65	19.821	2853	2862	2865	rBV2	8091557	11127663	27.67%	2.513%
66	19.857	2865	2868	2874	rVB3	1496983	2352784	5.85%	0.531%
67	19.945	2877	2883	2889	rBV3	2741367	7053739	17.54%	1.593%
68	20.027	2894	2897	2900	rVV2	538278	662281	1.65%	0.150%
69	20.074	2900	2905	2907	rVV5	2282157	3799697	9.45%	0.858%
70	20.110	2908	2911	2915	rVB	3699566	4627164	11.50%	1.045%
71	20.204	2924	2927	2931	rBV	1551960	2009642	5.00%	0.454%
72	20.263	2932	2937	2941	rVV2	4094554	5919527	14.72%	1.337%
73	20.304	2941	2944	2947	rVV3	961577	1207380	3.00%	0.273%
74	20.345	2948	2951	2955	rVV4	781928	1016940	2.53%	0.230%
75	20.404	2956	2961	2964	rVV	2964715	4068854	10.12%	0.919%
76	20.445	2964	2968	2972	rVV2	3163399	4322175	10.75%	0.976%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

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-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.492	2974	2976	2981	rVV	1139270	1497203	3.72%	0.338%
78	20.557	2984	2987	2991	rVB2	782537	1122794	2.79%	0.254%
79	20.651	3000	3003	3005	rBV2	615613	801793	1.99%	0.181%
80	20.839	3031	3035	3041	rVB	3718716	4991799	12.41%	1.127%
81	20.927	3048	3050	3055	rVB	610743	697346	1.73%	0.157%
82	21.004	3056	3063	3066	rBV2	2953066	5994087	14.90%	1.354%
83	21.039	3066	3069	3073	rVV	3011159	4292728	10.67%	0.969%
84	21.080	3073	3076	3081	rVV2	2132210	3627719	9.02%	0.819%
85	21.133	3081	3085	3092	rVB2	2999439	4561156	11.34%	1.030%
86	21.339	3115	3120	3126	rBV3	14692105	28314662	70.40%	6.394%
87	21.392	3126	3129	3138	rVB	13068867	18419032	45.79%	4.160%
88	21.474	3138	3143	3147	rBV2	4241473	6127833	15.24%	1.384%
89	21.515	3147	3150	3156	rVB2	1516156	2160401	5.37%	0.488%
90	21.680	3174	3178	3183	rBV3	1438829	2324915	5.78%	0.525%
91	21.733	3184	3187	3190	rVB2	716187	910578	2.26%	0.206%
92	21.933	3218	3221	3226	rVB	2877901	4162676	10.35%	0.940%
93	21.992	3228	3231	3236	rVB	2156472	2806011	6.98%	0.634%
94	22.145	3254	3257	3261	rBV	1310558	1894416	4.71%	0.428%
95	23.051	3404	3411	3416	rBV2	7717179	19564340	48.64%	4.418%
96	23.233	3438	3442	3453	rVB	1479140	2569474	6.39%	0.580%
97	23.574	3494	3500	3509	rVB	4718040	10484317	26.07%	2.368%
98	23.680	3511	3518	3526	rBV	6947650	14036829	34.90%	3.170%
99	23.786	3530	3536	3541	rBV2	2543631	5506424	13.69%	1.244%
100	26.327	3960	3968	3979	rVB2	3412909	10652093	26.48%	2.406%

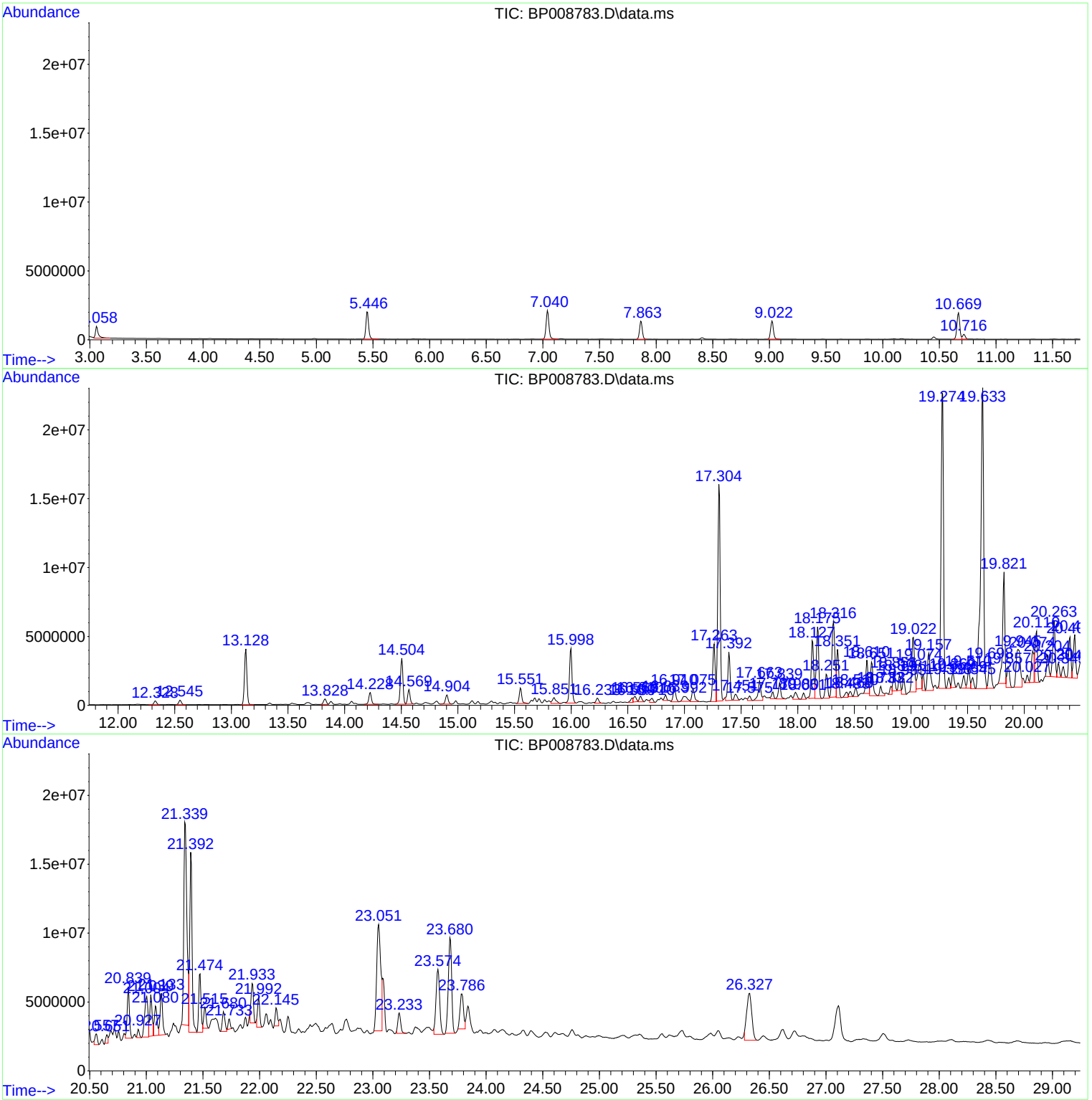
Sum of corrected areas: 442814320

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

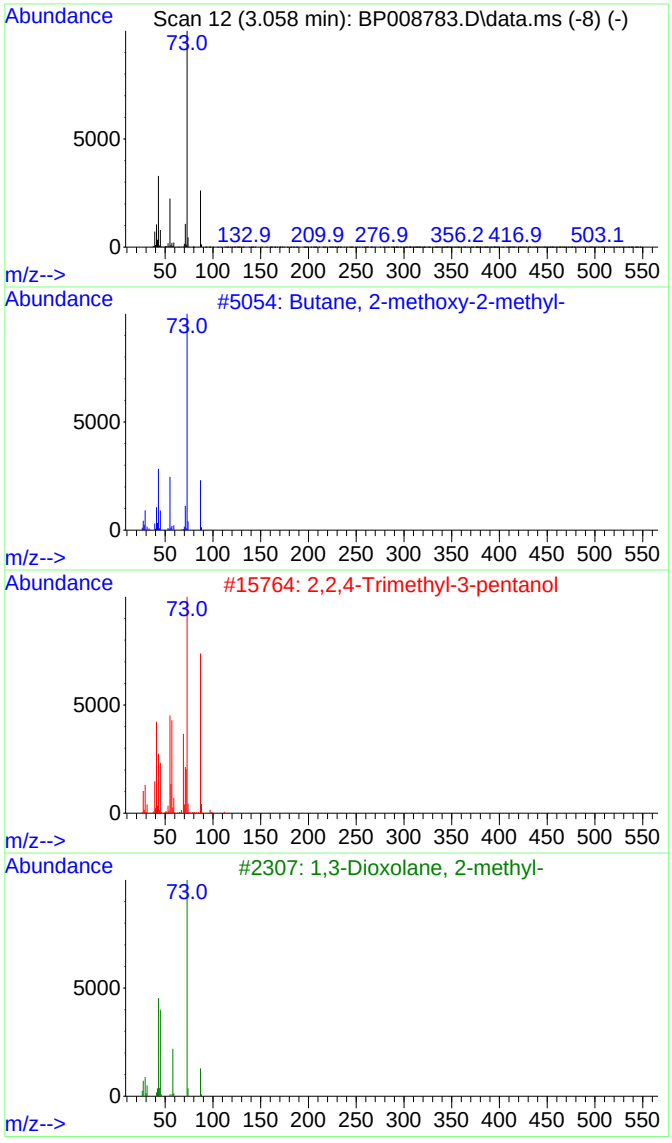
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

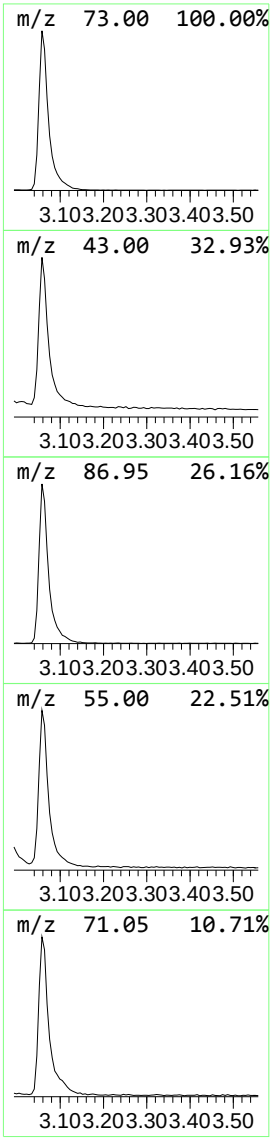
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	13.21 ng	1446580	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

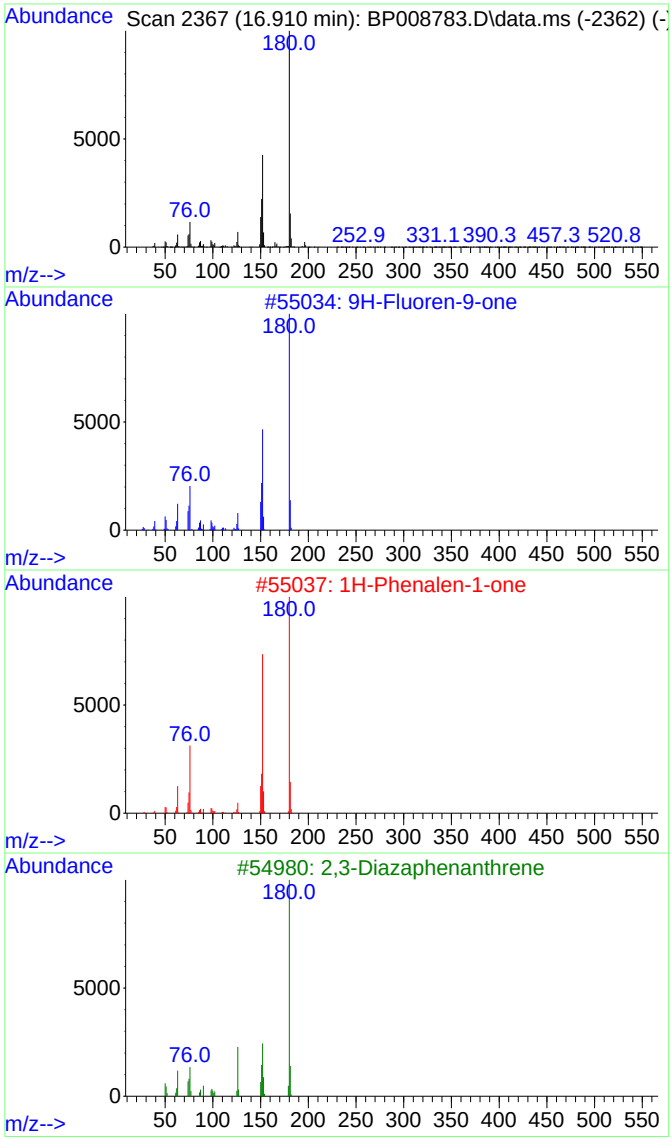
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

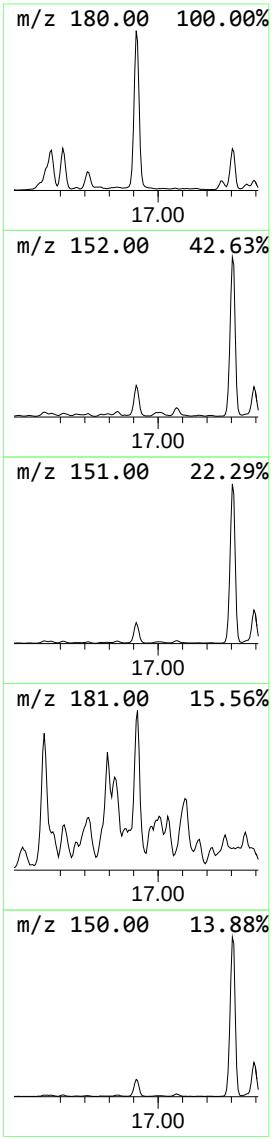
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	4.76 ng	1558020	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53
4	5-Methoxy-4-methyl-2,1,3-benzoth...	180	C8H8N2OS	089976-68-1	47
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

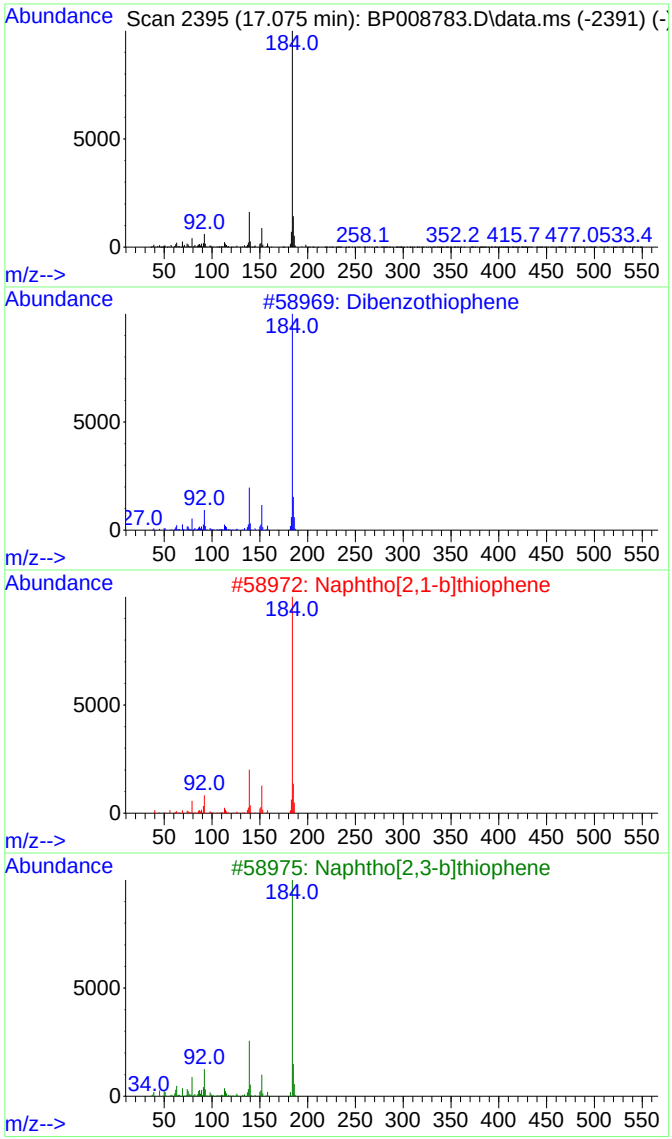
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

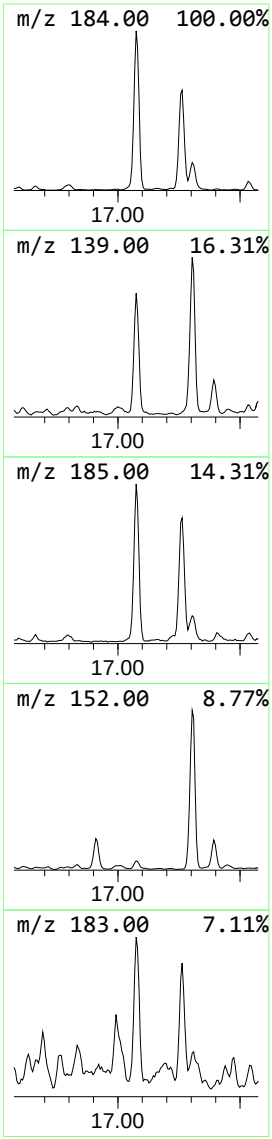
****

Peak Number 3 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.075	4.79 ng	1567240	Phenanthrene-d10	17.263

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	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

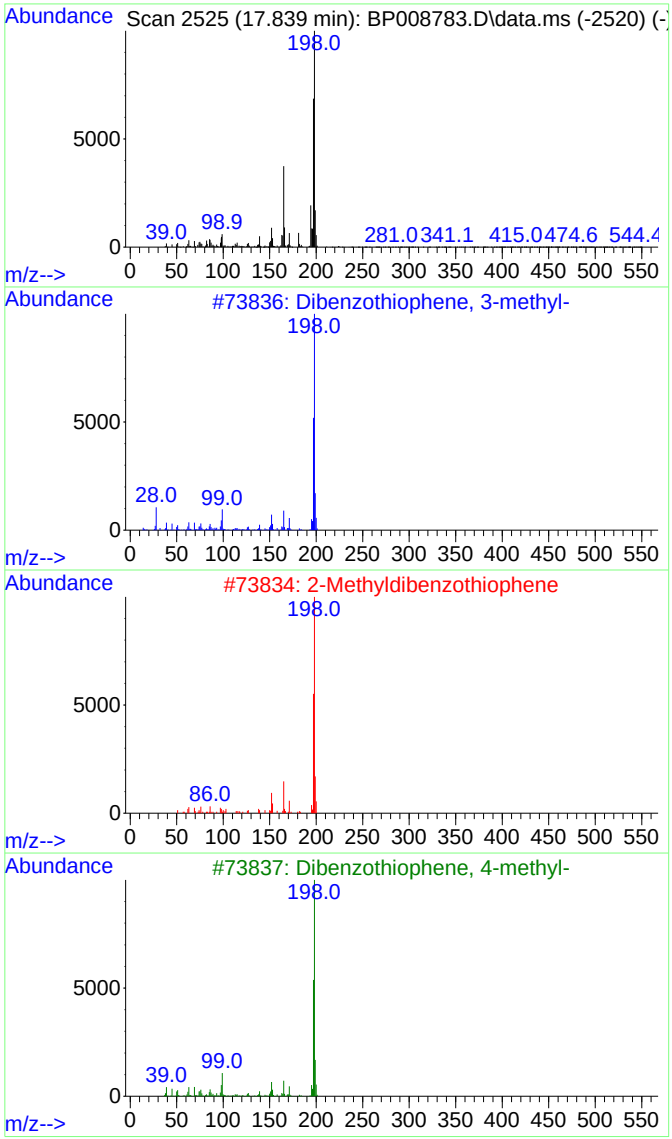
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

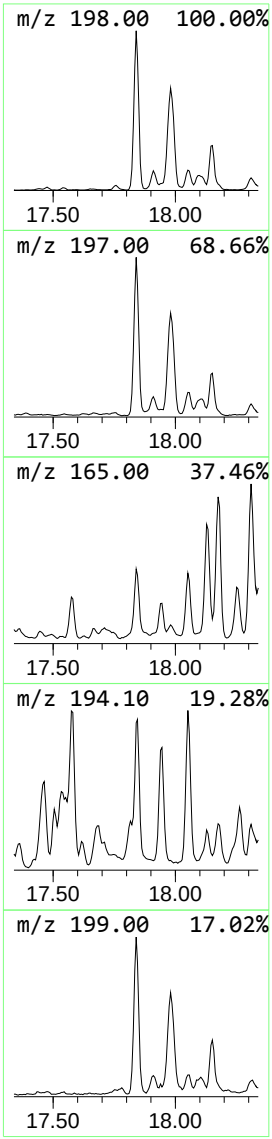
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	5.28 ng	1730380	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	89
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	83
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	72
5	Tacrine	198	C13H14N2	000321-64-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

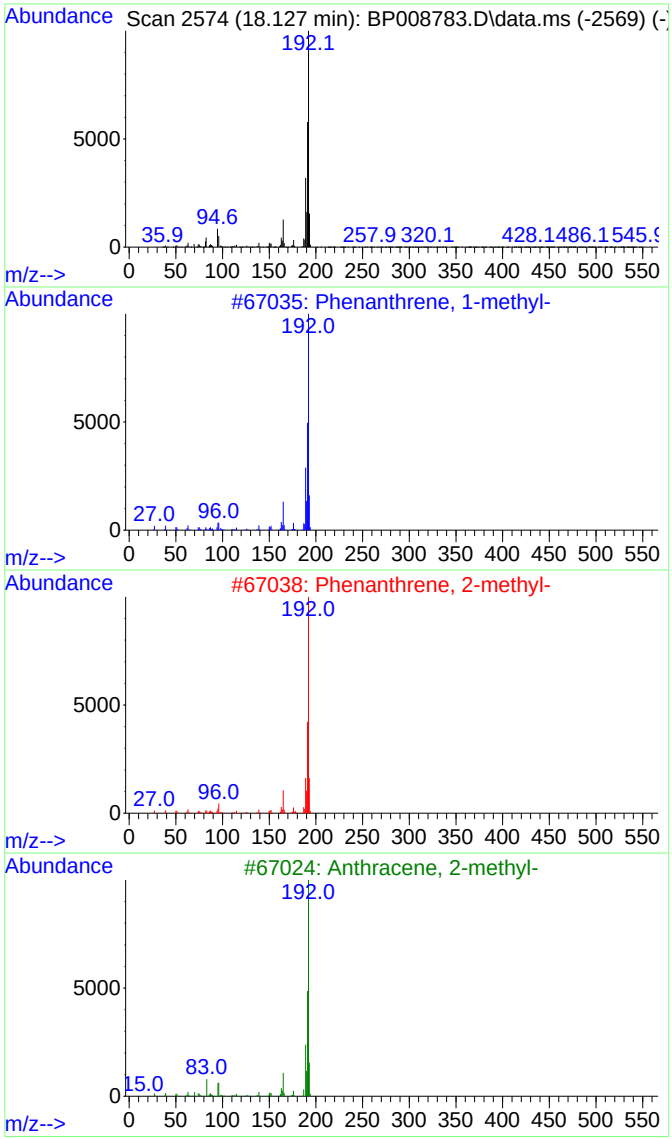
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

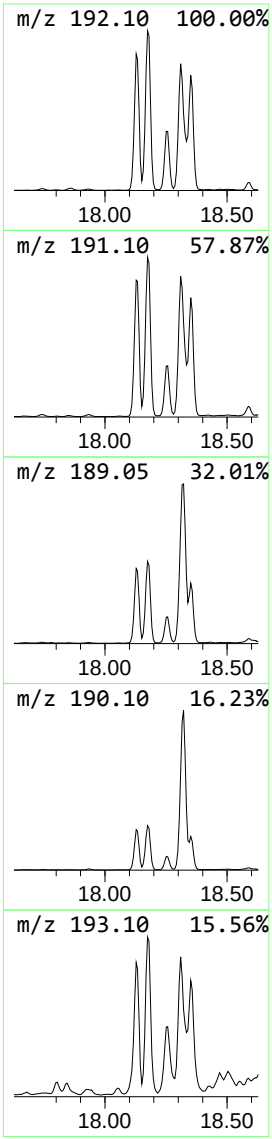
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	19.24 ng	6299520	Phenanthrene-d10	17.263

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	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	94





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Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

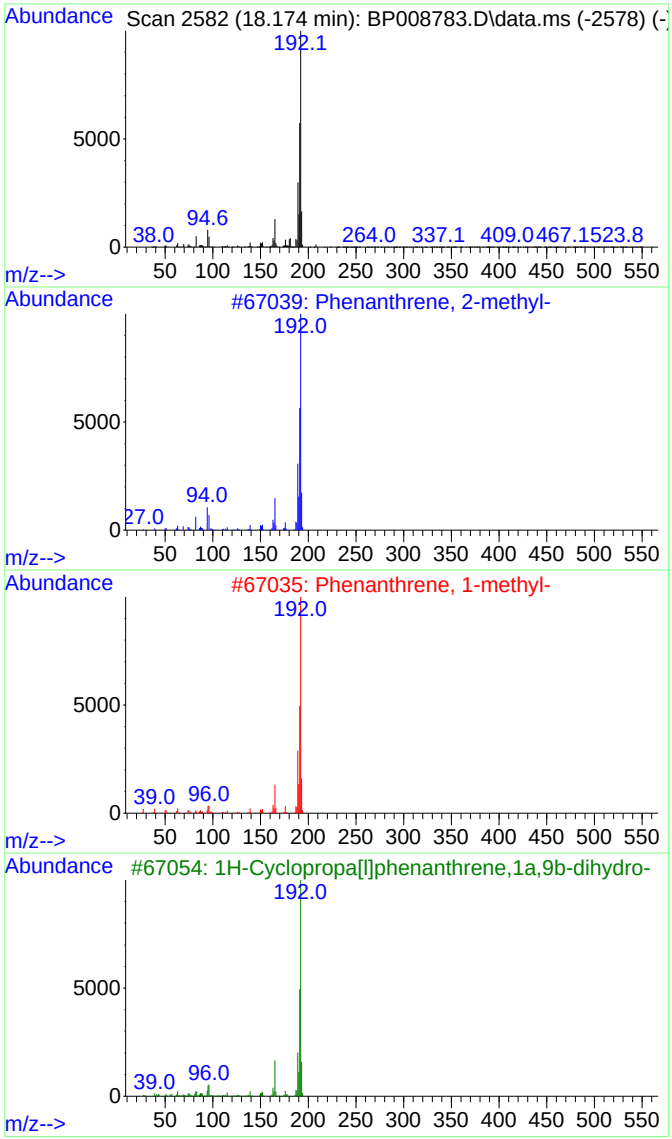
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

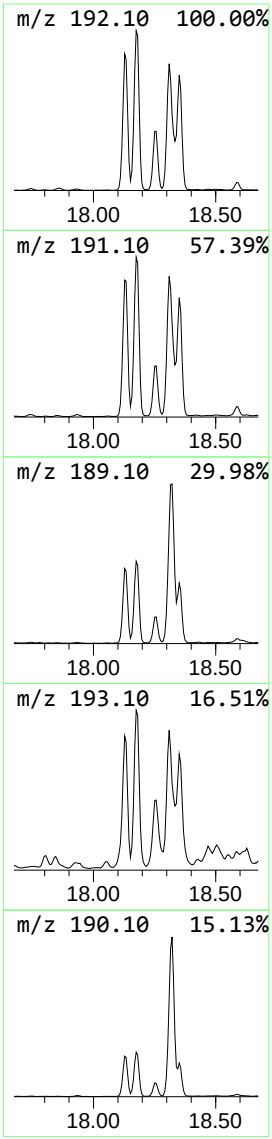
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	23.63 ng	7737910	Phenanthrene-d10	17.263

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

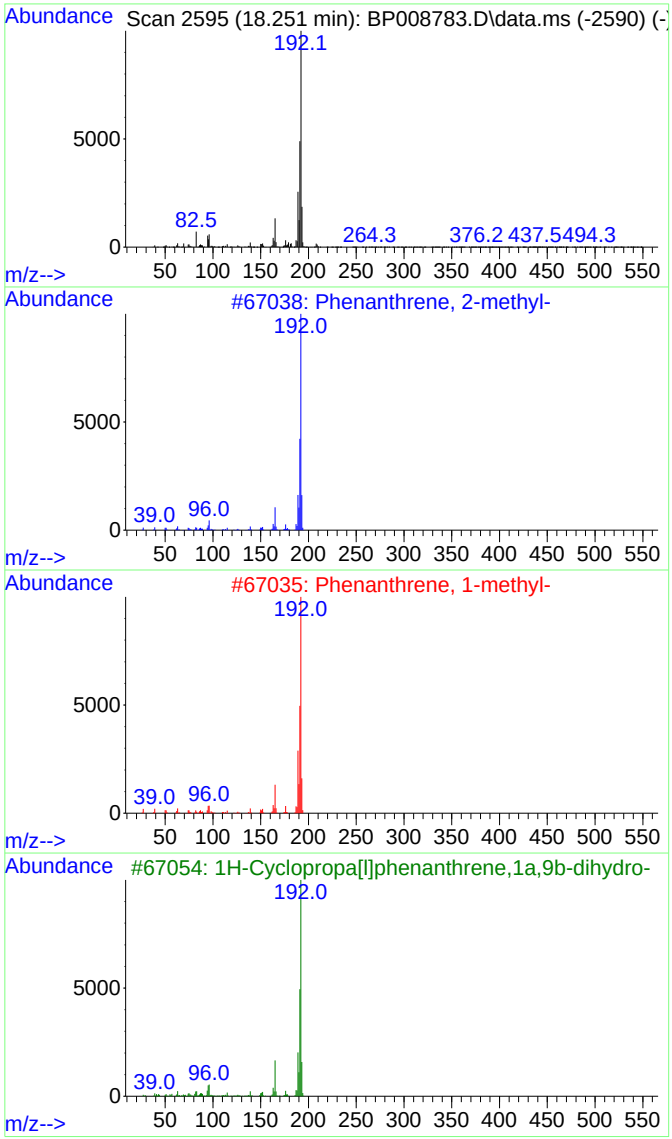
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

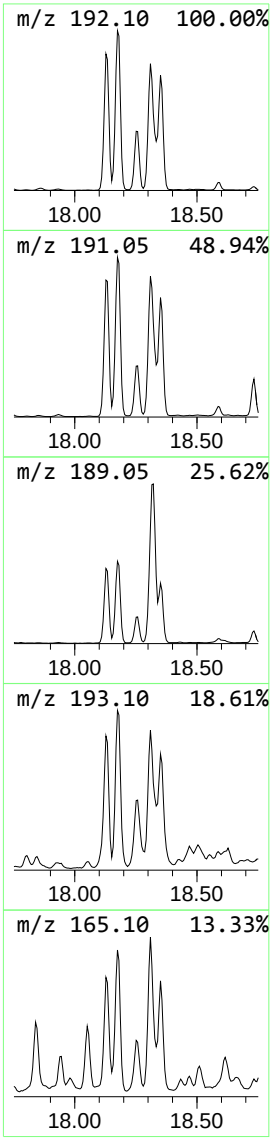
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	7.82 ng	2561690	Phenanthrene-d10	17.263

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





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Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

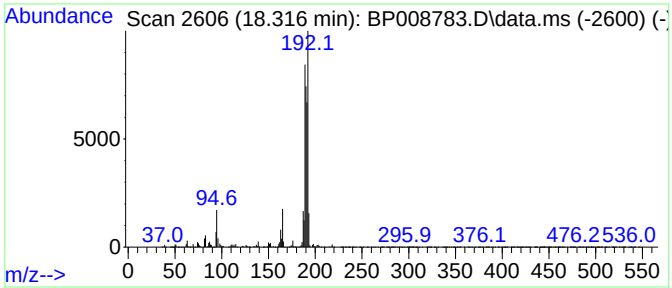
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

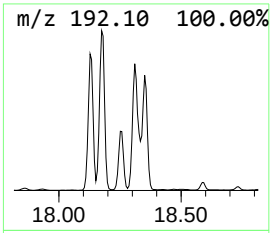
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

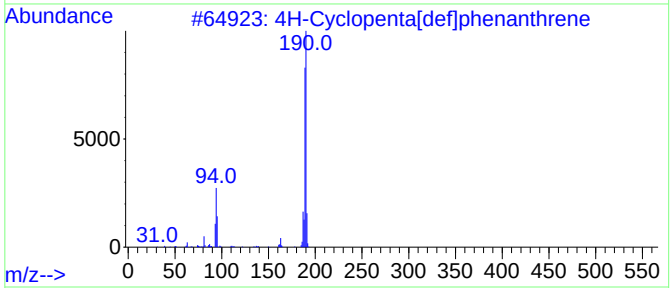
****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

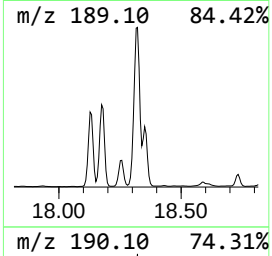
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	31.18 ng	10208400	Phenanthrene-d10	17.263

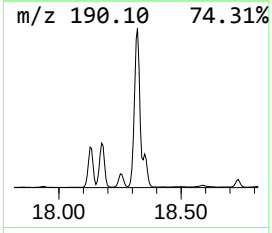
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46

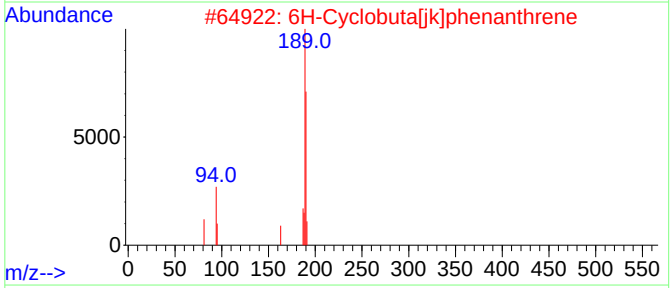


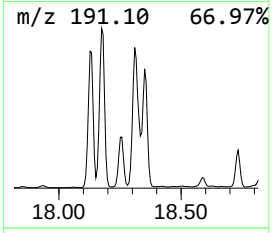


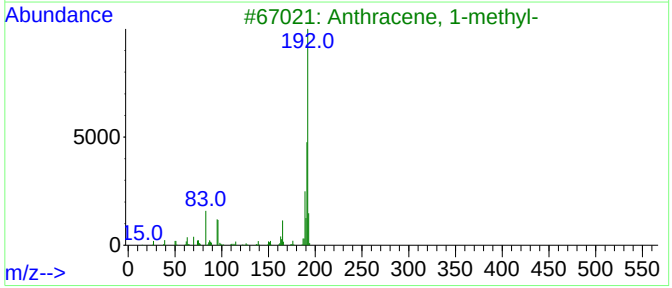


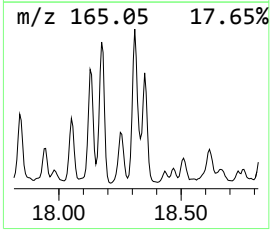












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

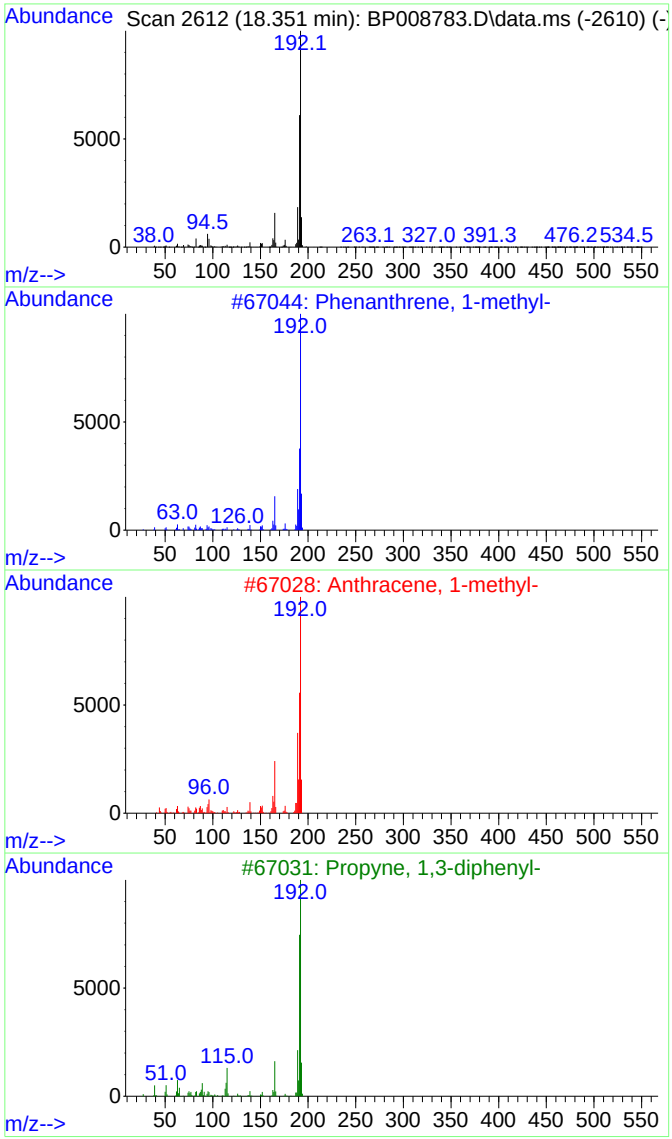
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

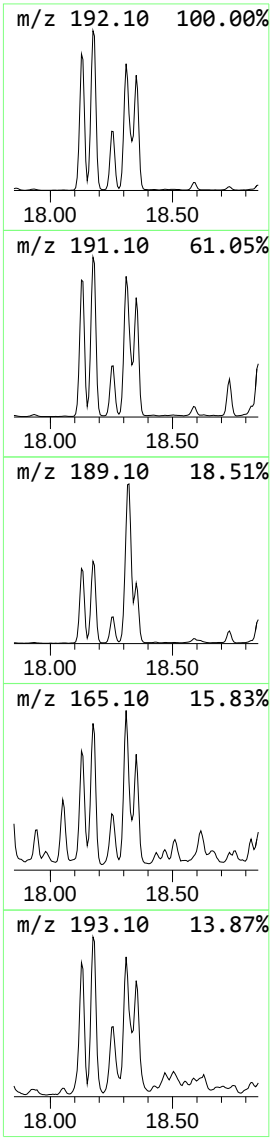
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	12.69 ng	4155150	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





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Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

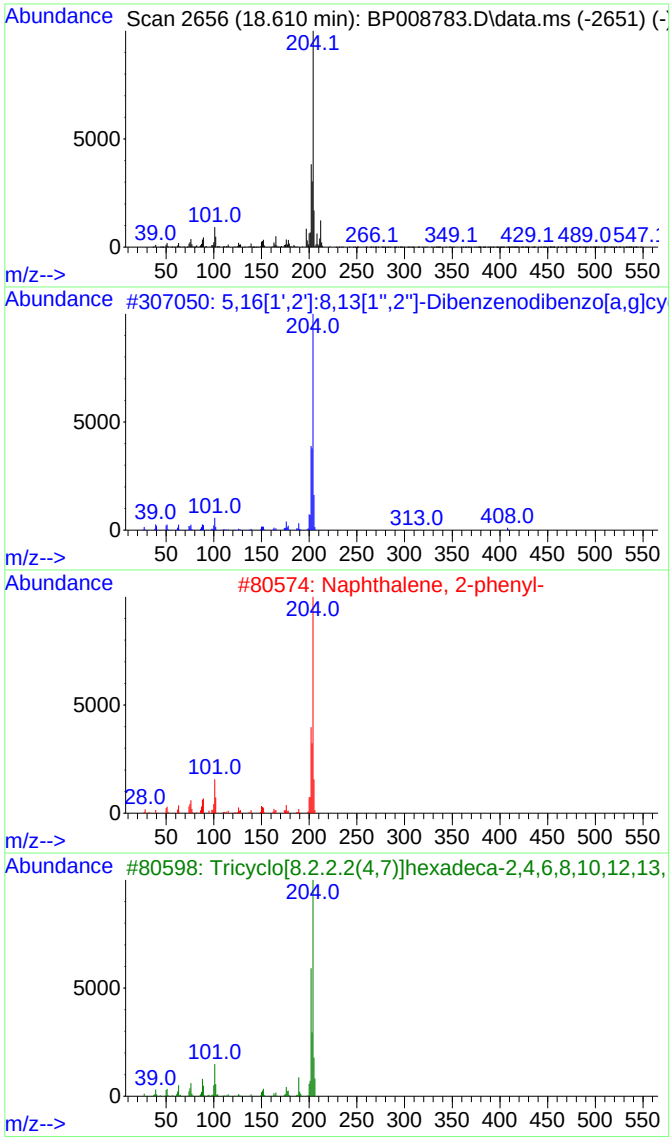
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

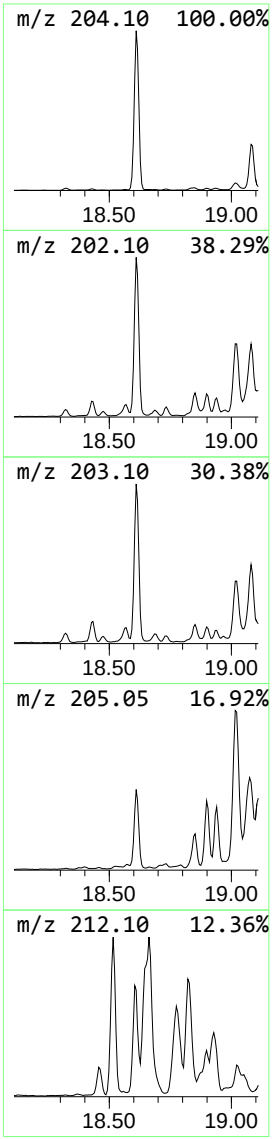
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	10.12 ng	3314040	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	45





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Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

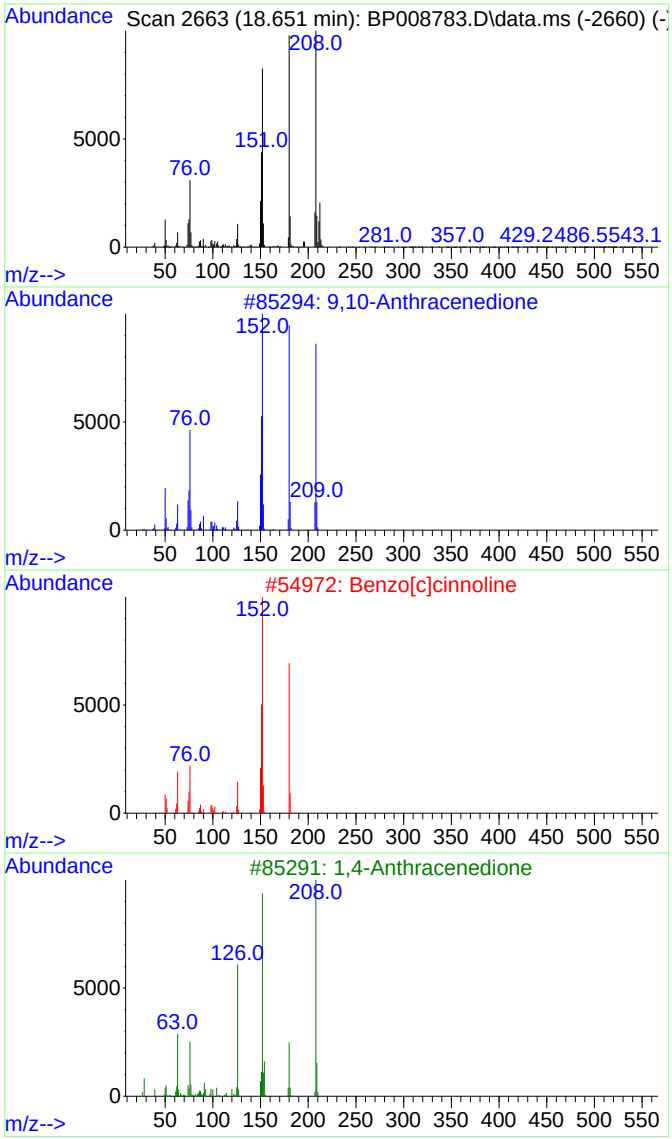
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

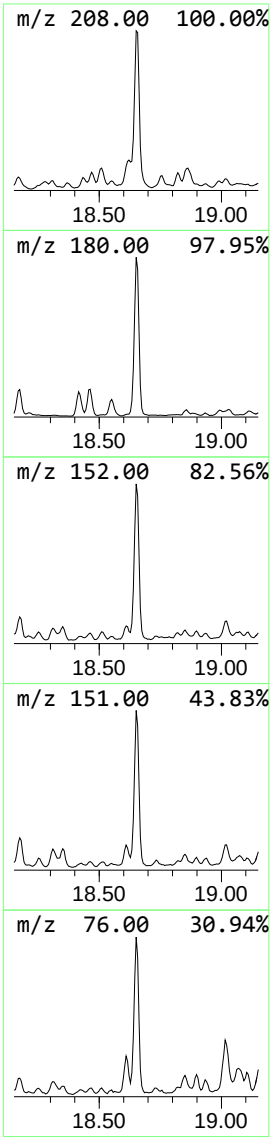
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	11.50 ng	3766540	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





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Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

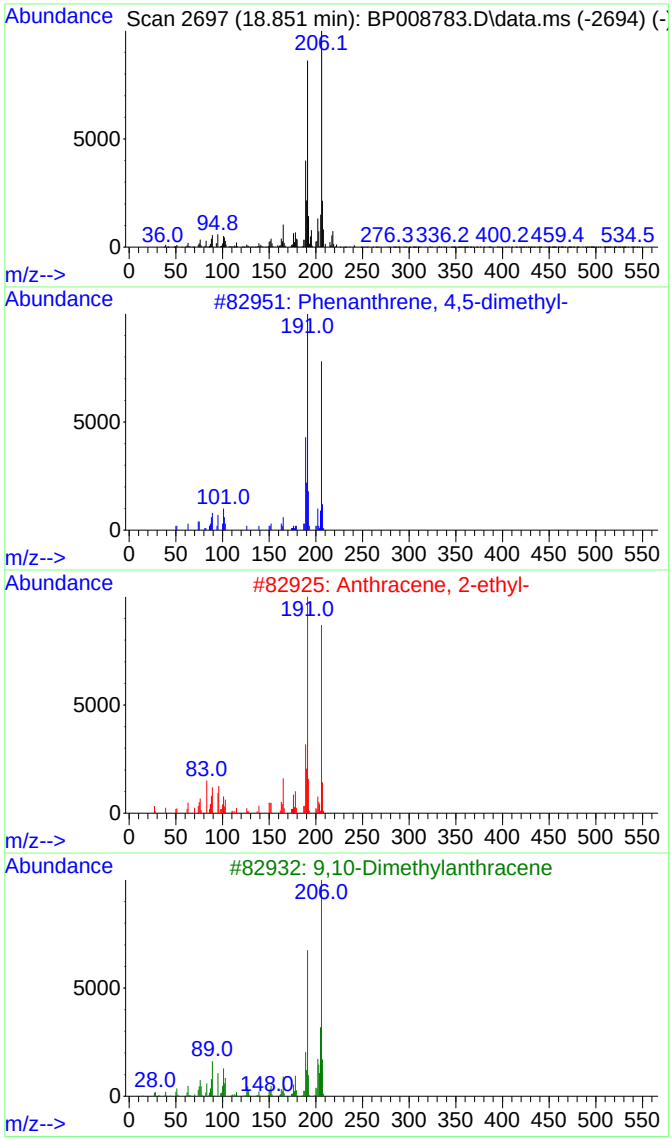
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

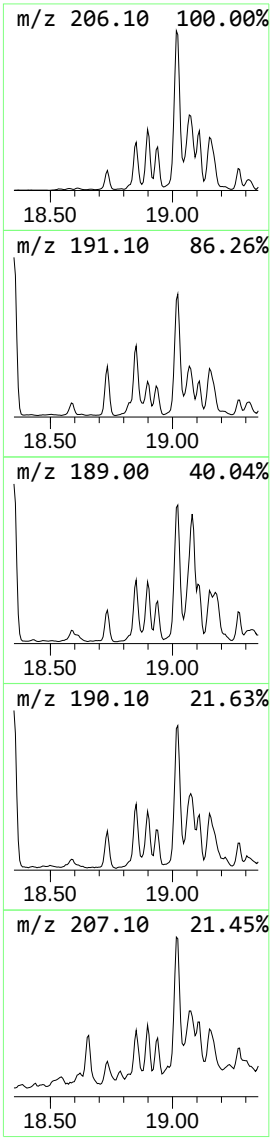
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	5.20 ng	1703220	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	76
5	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	76





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Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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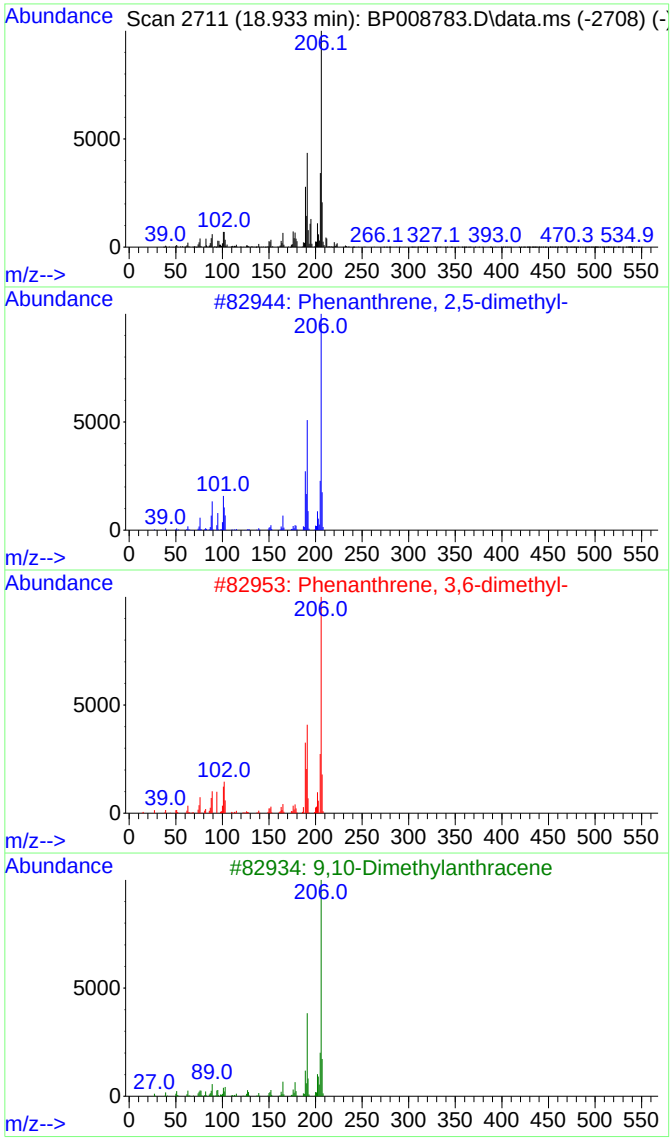
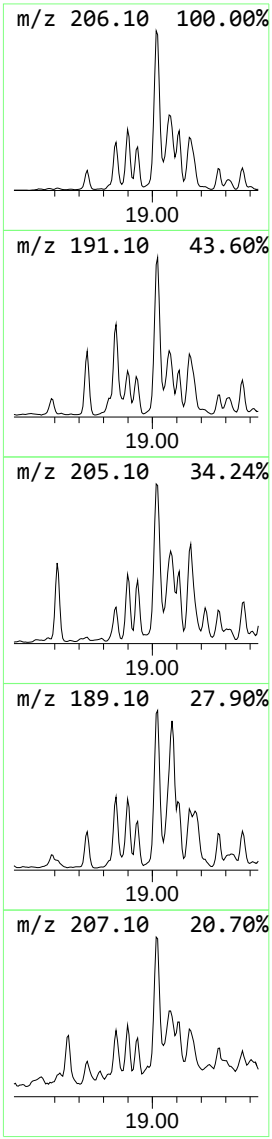
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	4.64 ng	1518360	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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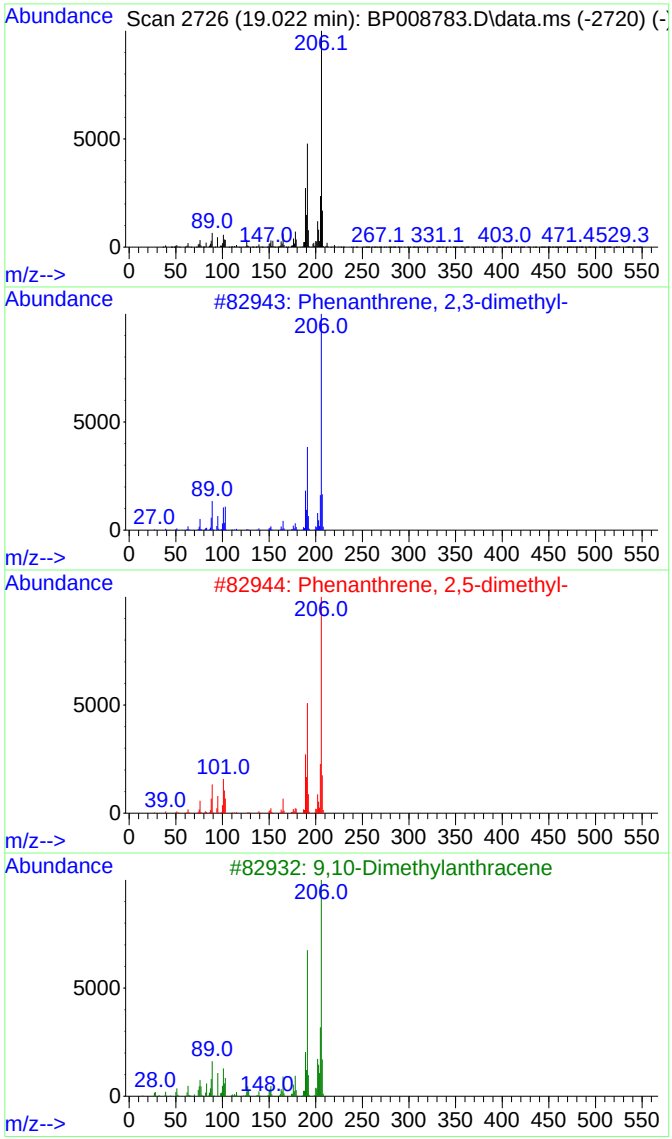
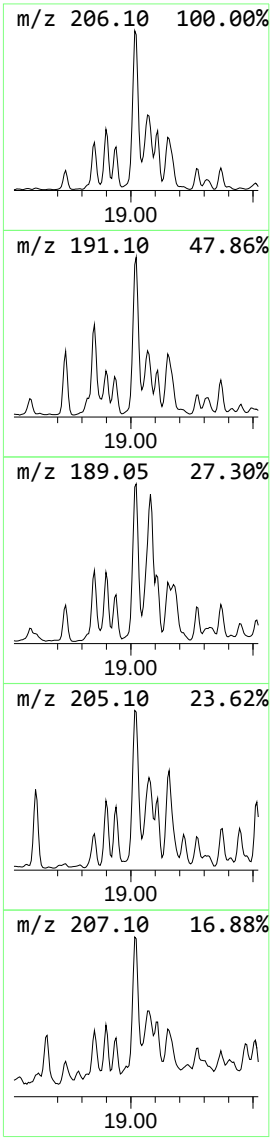
Peak Number 14 Phenanthrene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	20.45 ng	6695850	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Acq On : 12 Jan 2022 20:13
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Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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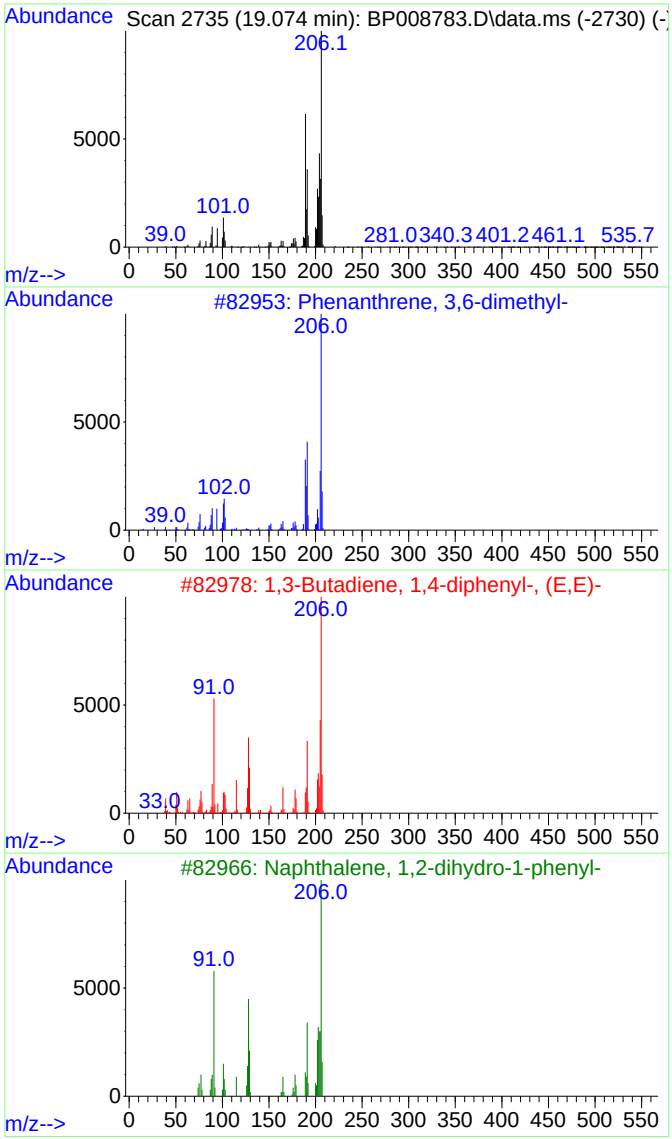
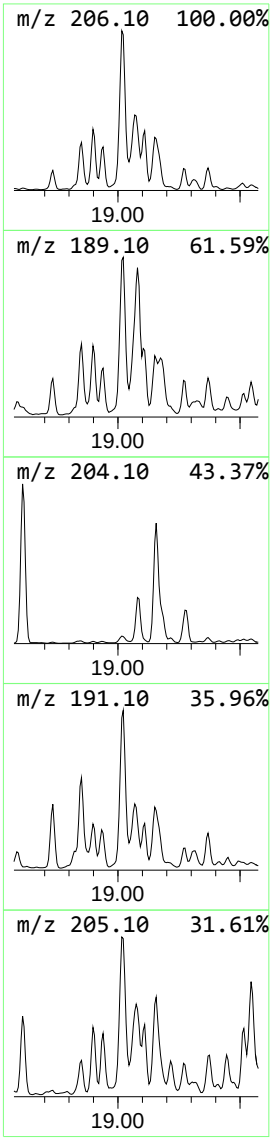
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.075	11.97 ng	3919780	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	55
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	55
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	49





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Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

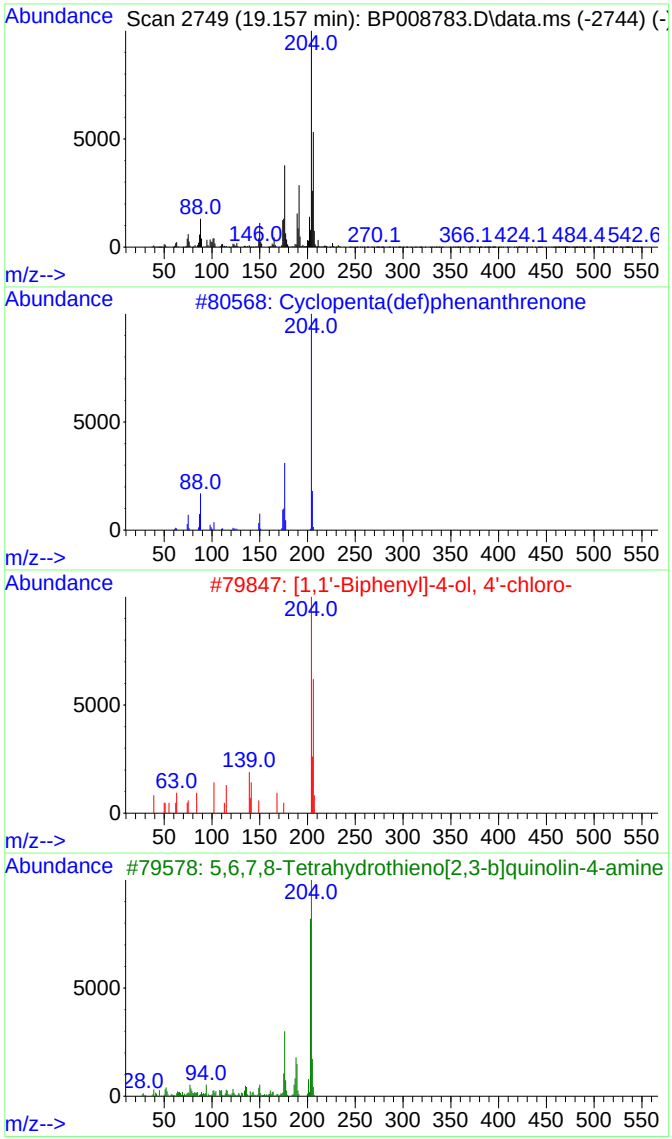
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

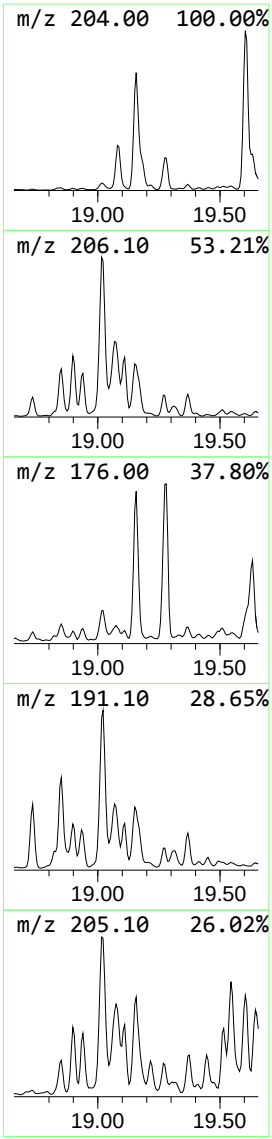
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	15.12 ng	4949950	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41





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Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

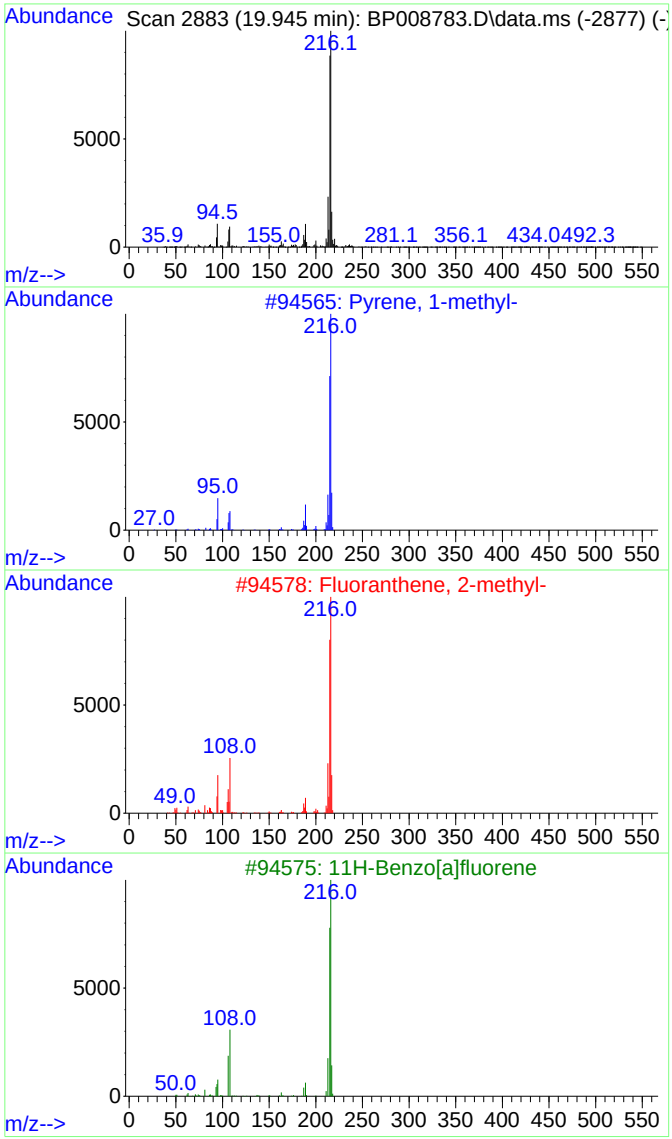
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

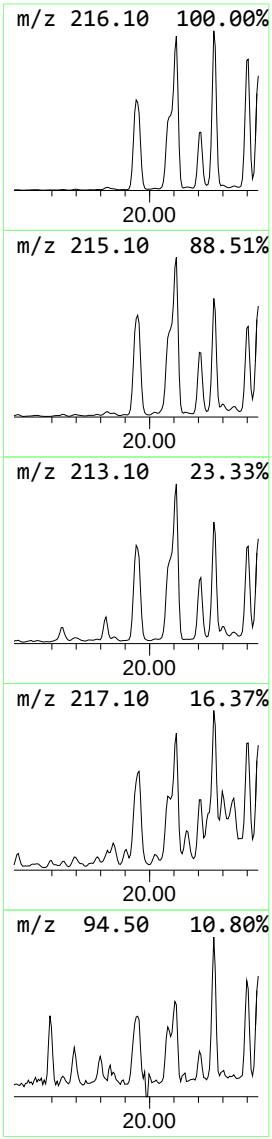
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	4.98 ng	7053740	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	057770-59-9	83





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Data File : BP008783.D
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Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

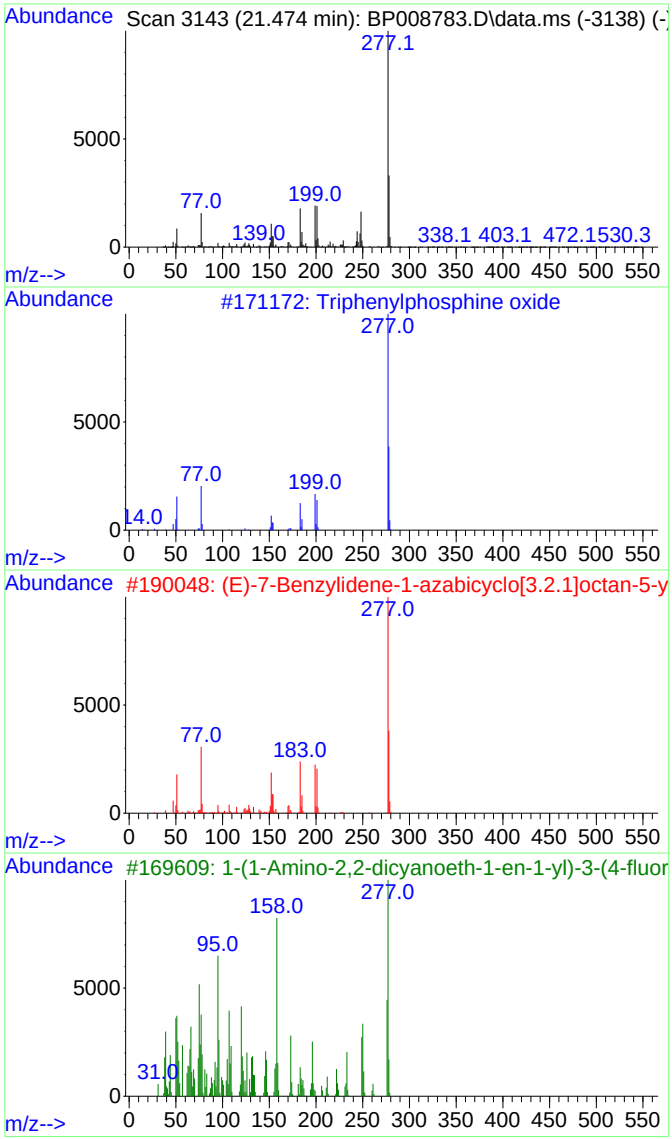
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

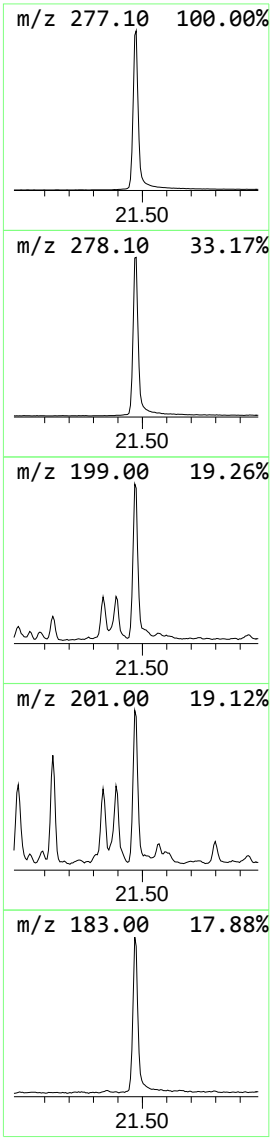
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Triphenylphosphine oxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.474	4.33 ng	6127830	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	74
3	1-(1-Amino-2,2-dicyanoeth-1-en-1...	277	C15H8FN5	1000435-42-5	46
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	43
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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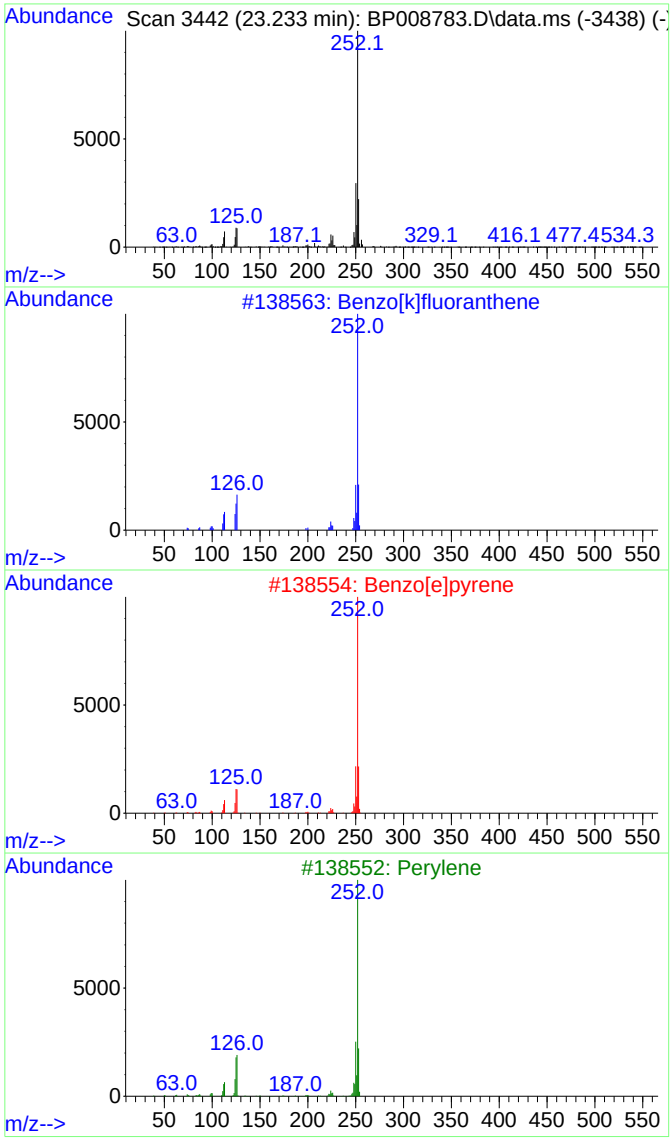
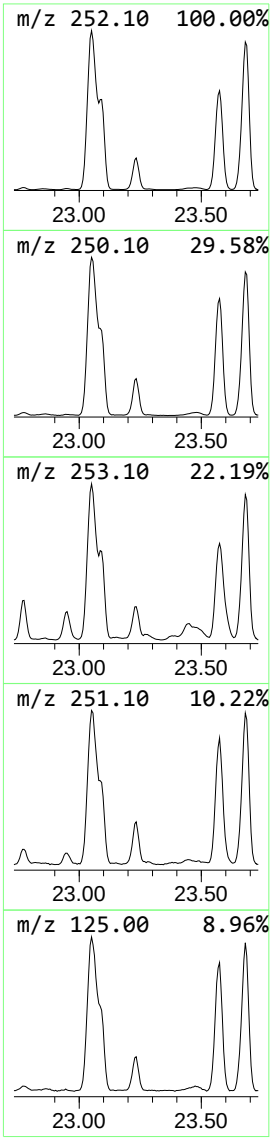
Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.233	9.33 ng	2569470	Perylene-d12	23.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Data File : BP008783.D
Acq On : 12 Jan 2022 20:13
Operator : CG/JU
Sample : N1097-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

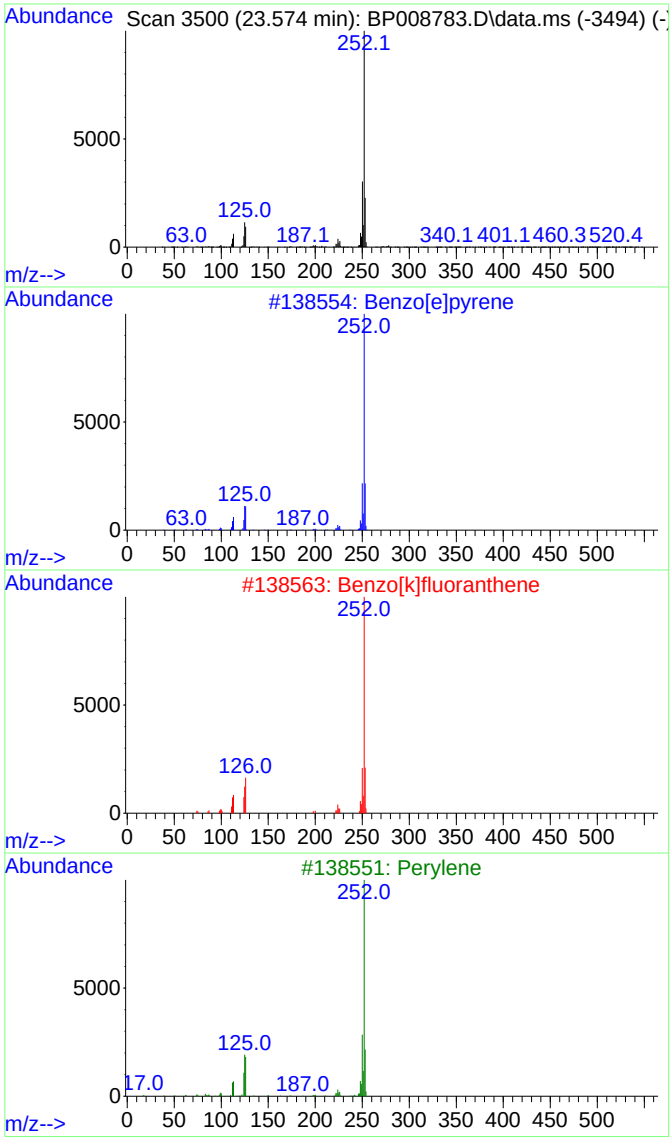
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

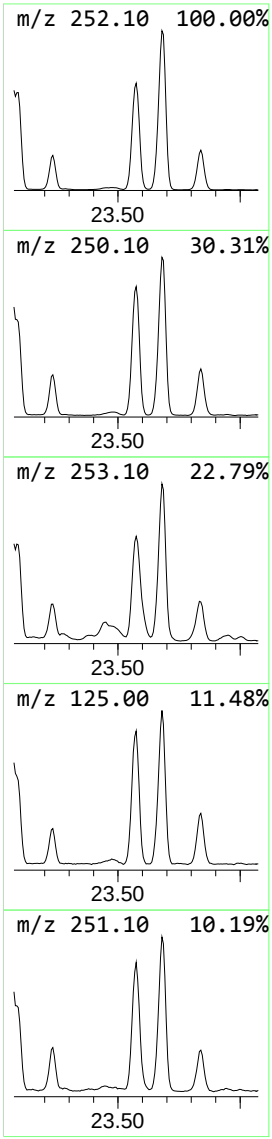
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.574	38.08 ng	10484300	Perylene-d12	23.786

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	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

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Data File : BP008783.D
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Misc :
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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
Butane, 2-metho...	3.058	13.2	ng	1446580	1	7.863	2190600	20.0
9H-Fluoren-9-one	16.910	4.8	ng	1558020	4	17.263	6549090	20.0
Dibenzothiophene	17.075	4.8	ng	1567240	4	17.263	6549090	20.0
Dibenzothiophen...	17.839	5.3	ng	1730380	4	17.263	6549090	20.0
Phenanthrene, 1...	18.128	19.2	ng	6299520	4	17.263	6549090	20.0
Phenanthrene, 2...	18.174	23.6	ng	7737910	4	17.263	6549090	20.0
1H-Cyclopropa[l...	18.251	7.8	ng	2561690	4	17.263	6549090	20.0
4H-Cyclopenta[d...	18.316	31.2	ng	10208400	4	17.263	6549090	20.0
Anthracene, 1-m...	18.351	12.7	ng	4155150	4	17.263	6549090	20.0
5,16[1',2']:8,1...	18.610	10.1	ng	3314040	4	17.263	6549090	20.0
9,10-Anthracene...	18.651	11.5	ng	3766540	4	17.263	6549090	20.0
Phenanthrene, 4...	18.851	5.2	ng	1703220	4	17.263	6549090	20.0
Phenanthrene, 2...	18.933	4.6	ng	1518360	4	17.263	6549090	20.0
Phenanthrene, 2...	19.022	20.4	ng	6695850	4	17.263	6549090	20.0
Phenanthrene, 3...	19.075	12.0	ng	3919780	4	17.263	6549090	20.0
Cyclopenta(def)...	19.157	15.1	ng	4949950	4	17.263	6549090	20.0
Pyrene, 1-methyl-	19.945	5.0	ng	7053740	5	21.357	28314700	20.0
Triphenylphosph...	21.474	4.3	ng	6127830	5	21.357	28314700	20.0
Benzo[e]pyrene	23.233	9.3	ng	2569470	6	23.786	5506420	20.0
Perylene	23.574	38.1	ng	10484300	6	23.786	5506420	20.0