LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	402	408	432	rBV	2843893	5104789	11.97%	1.020%
2	5.787	469	476	497	rBV	388141	813471	1.91%	0.163%
3	6.987	673	680	701	rVB	3078557	5729183	13.44%	1.145%
4	7.452	749	759	768	rBV2	342034	765339	1.80%	0.153%
5	7.793	808	817	827	rBV	851895	1476599	3.46%	0.295%
6	8.328	902	908	920	rVB	298568	543482	1.27%	0.109%
7	8.957	1008	1015	1023	rBV	2051854	3602522	8.45%	0.720%
8	9.610	1120	1126	1141	rVB	747270	1303030	3.06%	0.260%
9	10.587	1284	1292	1296	rBV	1233784	2184299	5.12%	0.437%
10	10.640	1296	1301	1311	rVV	3527757	5885793	13.81%	1.177%
11	11.098	1370	1379	1387	rBV	427795	773468	1.81%	0.155%
12	11.240	1397	1403	1420	rVB	478013	853084	2.00%	0.171%
13	12.104	1542	1550	1565	rVB2	148750	444211	1.04%	0.089%
14	12.251	1566	1575	1584	rBV2	1055690	1948837	4.57%	0.390%
15	12.469	1607	1612	1622	rVB	614493	1099700	2.58%	0.220%
16	13.057	1705	1712	1722	rVB	5640311	8883438	20.84%	1.776%
17	13.263	1742	1747	1757	rVB	461512	728784	1.71%	0.146%
18	13.757	1825	1831	1836	rBV	426867	788700	1.85%	0.158%
19	13.887	1848	1853	1863	rVB	565783	975551	2.29%	0.195%
20	14.157	1892	1899	1913	rVB	3866957	6099852	14.31%	1.219%
21	14.434	1937	1946	1952	rBV	2077580	3343671	7.84%	0.668%
22	14.498	1952	1957	1965	rVB	863736	1396140	3.27%	0.279%
23	14.834	2008	2014	2023	rVV	1731998	2796606	6.56%	0.559%
24	15.045	2044	2050	2056	rBV3	320020	787731	1.85%	0.157%
25	15.228	2073	2081	2084	rBV3	238818	554124	1.30%	0.111%
26	15.310	2089	2095	2100	rVB	486079	800040	1.88%	0.160%
27	15.486	2119	2125	2137	rVB	2061713	3587888	8.42%	0.717%
28	15.692	2156	2160	2170	rBV4	233723	548541	1.29%	0.110%
29	15.781	2171	2175	2180	rBV	484206	742699	1.74%	0.148%
30	15.933	2191	2201	2209	rBV	5504036	9033239	21.19%	1.806%
31	16.169	2235	2241	2248	rBV5	603462	1224162	2.87%	0.245%
32	16.492	2289	2296	2302	rBV5	344212	847859	1.99%	0.169%
33	16.728	2332	2336	2339	rBV2	283504	439771	1.03%	0.088%
34	16.769	2339	2343	2353	rVB	445598	676868	1.59%	0.135%
35	16.851	2353	2357	2363	rVB	640399	953579	2.24%	0.191%
36	16.922	2365	2369	2372	rBV	264501	446265	1.05%	0.089%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.010	2379	2384	2393	rVB	1488565	2338421	5.49%	0.467%
38	17.198	2410	2416	2418	rBV	2341669	3584969	8.41%	0.717%
39	17.245	2418	2424	2431	rVV	16546830	26098272	61.22%	5.217%
40	17.333	2433	2439	2444	rVV	5729848	8310420	19.49%	1.661%
41	17.392	2444	2449	2459	rVV2	558384	1104989	2.59%	0.221%
42	17.604	2478	2485	2493	rBV2	1779438	3192809	7.49%	0.638%
43	17.710	2500	2503	2510	rVB3	667790	1071035	2.51%	0.214%
44	17.775	2510	2514	2522	rVB4	667267	1133090	2.66%	0.226%
45	18.063	2559	2563	2567	rBV	2202127	3053109	7.16%	0.610%
46	18.110	2567	2571	2577	rVB	3164490	4965319	11.65%	0.993%
47	18.192	2581	2585	2590	rVB	1356633	1745461	4.09%	0.349%
48	18.257	2590	2596	2599	rBV2	3697339	6781508	15.91%	1.356%
49	18.286	2599	2601	2610	rVB	1760203	2253365	5.29%	0.450%
50	18.369	2611	2615	2618	rBV4	471109	653932	1.53%	0.131%
51	18.451	2625	2629	2633	rBV3	468514	715567	1.68%	0.143%
52	18.551	2641	2646	2650	rVV	2096789	2720103	6.38%	0.544%
53	18.598	2650	2654	2662	rVB	1356170	1948044	4.57%	0.389%
54	18.763	2679	2682	2684	rBV2	308043	429498	1.01%	0.086%
55	18.786	2684	2686	2691	rVV	527834	809130	1.90%	0.162%
56	18.839	2692	2695	2698	rVV	779167	1016807	2.39%	0.203%
57	18.875	2698	2701	2705	rVB2	712182	919842	2.16%	0.184%
58	18.957	2710	2715	2718	rBV	2006810	3212386	7.54%	0.642%
59	19.045	2728	2730	2734	rVB	678373	757120	1.78%	0.151%
60	19.104	2735	2740	2745	rVB2	1690075	2873474	6.74%	0.574%
61	19.227	2753	2761	2766	rBV	21457793	36942494	86.66%	7.384%
62	19.274	2766	2769	2772	rVV	676885	857387	2.01%	0.171%
63	19.310	2772	2775	2779	rVV	877313	1364101	3.20%	0.273%
64	19.363	2780	2784	2788	rVB	2769528	3852111	9.04%	0.770%
65	19.451	2795	2799	2802	rBV	1275922	1587422	3.72%	0.317%
66	19.580	2810	2821	2827	rBV2	21465252	42631338	100.00%	8.522%
67	19.639	2827	2831	2837	rVB3	1540237	2585395	6.06%	0.517%
68	19.763	2844	2852	2856	rBV2	8913981	12748121	29.90%	2.548%
69	19.810	2856	2860	2866	rVB	1650446	2627804	6.16%	0.525%
70	19.892	2867	2874	2879	rBV2	2020305	5133267	12.04%	1.026%
71	20.051	2891	2901	2906	rVB	3356304	8493753	19.92%	1.698%
72	20.145	2914	2917	2921	rBV	1983322	2493417	5.85%	0.498%
73	20.210	2924	2928	2931	rVB2	2452090	3178647	7.46%	0.635%
74	20.345	2947	2951	2954	rBV	1604007	2172080	5.10%	0.434%
75	20.386	2955	2958	2962	rVB	1692354	2100866	4.93%	0.420%
76	20.786	3024	3026	3031	rVB	1463648	1888271	4.43%	0.377%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.945	3050	3053	3056	rBV2	2094613	2580329	6.05%	0.516%
78	20.980	3056	3059	3063	rVV	2599970	3805989	8.93%	0.761%
79	21.027	3063	3067	3071	rVV2	3323201	5130038	12.03%	1.025%
80	21.086	3074	3077	3082	rVB	1399704	1807545	4.24%	0.361%
81	21.286	3106	3111	3116	rBV3	14980495	26477353	62.11%	5.293%
82	21.339	3117	3120	3129	rVB	13463373	18466066	43.32%	3.691%
83	21.416	3129	3133	3136	rBV	2883575	3723037	8.73%	0.744%
84	21.457	3136	3140	3146	rVB	3593194	4514511	10.59%	0.902%
85	21.516	3146	3150	3157	rVB2	1959293	2826523	6.63%	0.565%
86	21.627	3165	3169	3173	rVB3	1324504	1970183	4.62%	0.394%
87	21.868	3207	3210	3216	rVB	2299169	3128295	7.34%	0.625%
88	21.921	3217	3219	3226	rVB	1251455	1659294	3.89%	0.332%
89	22.080	3243	3246	3250	rBV2	1205497	1917694	4.50%	0.383%
90	22.986	3391	3400	3404	rBV	10557099	28654065	67.21%	5.728%
91	23.157	3424	3429	3435	rBV	3098643	4959690	11.63%	0.991%
92	23.498	3480	3487	3496	rVB	7315220	16233291	38.08%	3.245%
93	23.615	3498	3507	3515	rVV2	11135442	25974939	60.93%	5.192%
94	23.704	3518	3522	3525	rVV2	1194519	2207146	5.18%	0.441%
95	23.757	3526	3531	3540	rVB	4288682	8724687	20.47%	1.744%
96	26.233	3939	3952	3960	rVB2	6943129	23009300	53.97%	4.599%
97	27.015	4071	4085	4099	rVB2	5741572	21976821	51.55%	4.393%

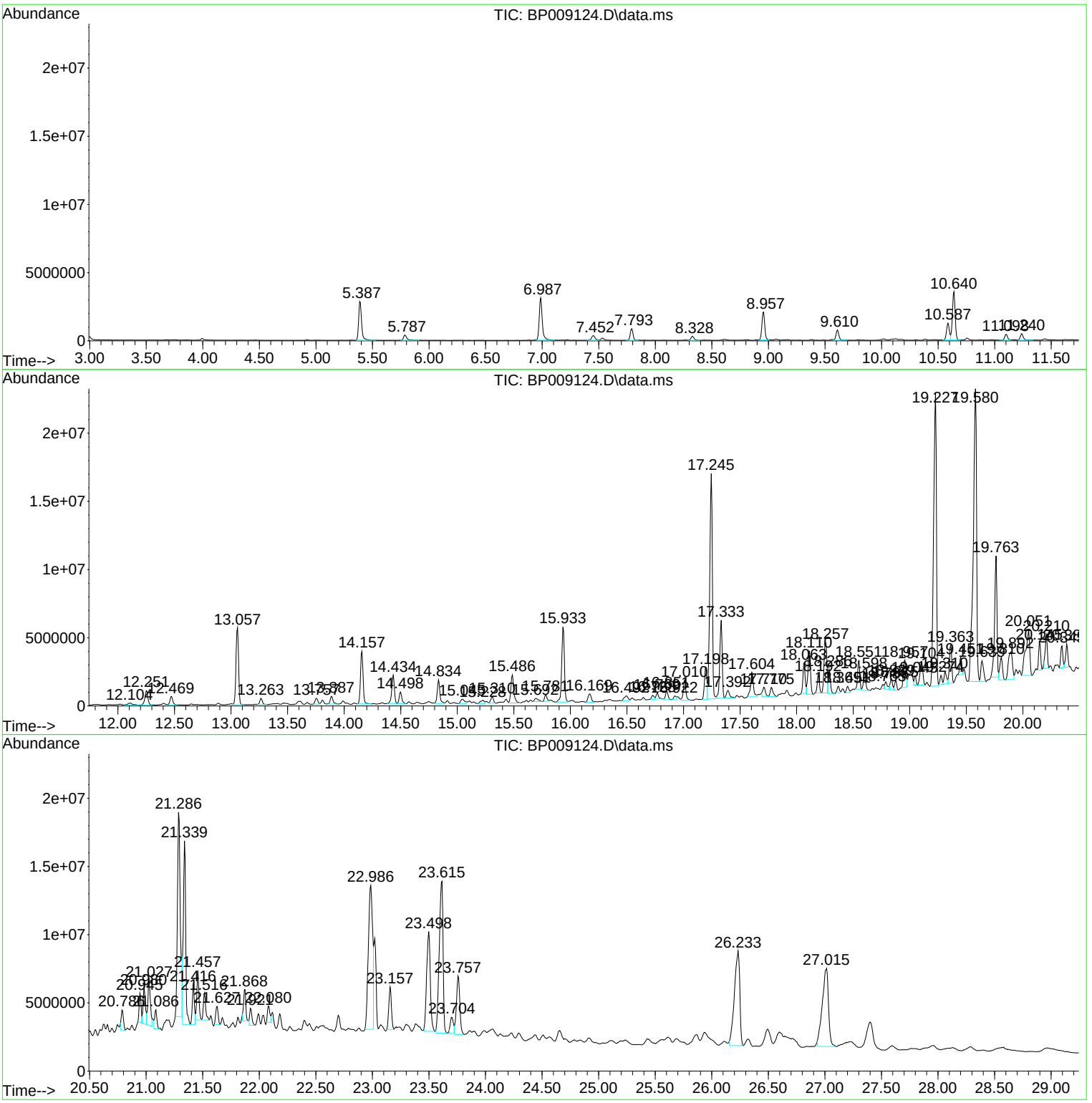
Sum of corrected areas: 500275255

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

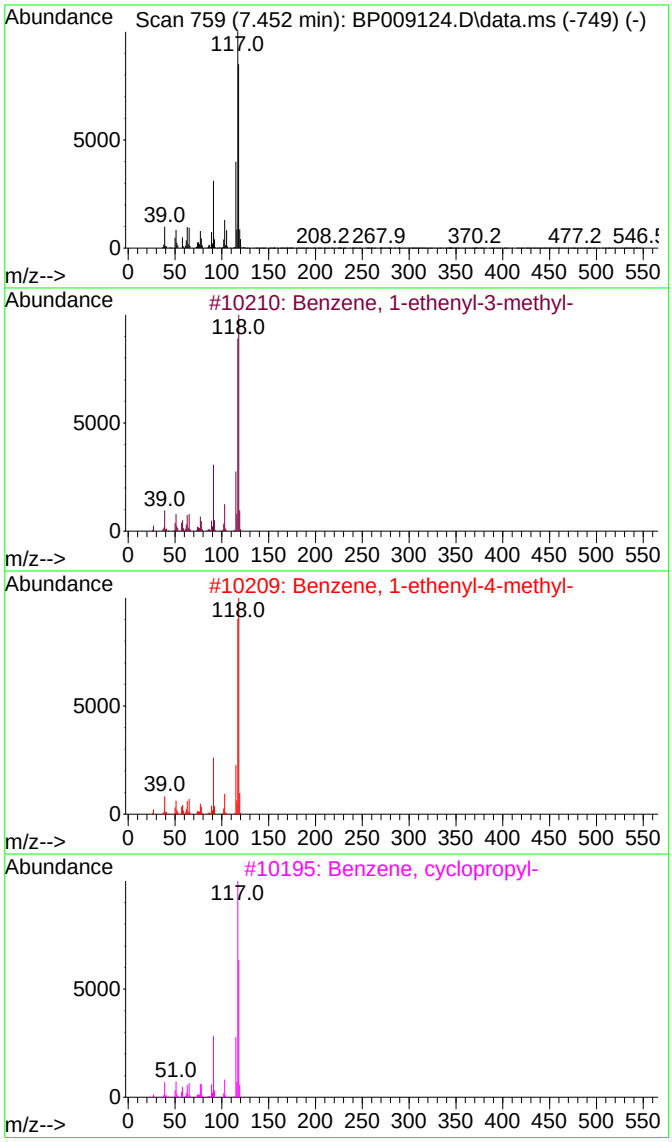
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

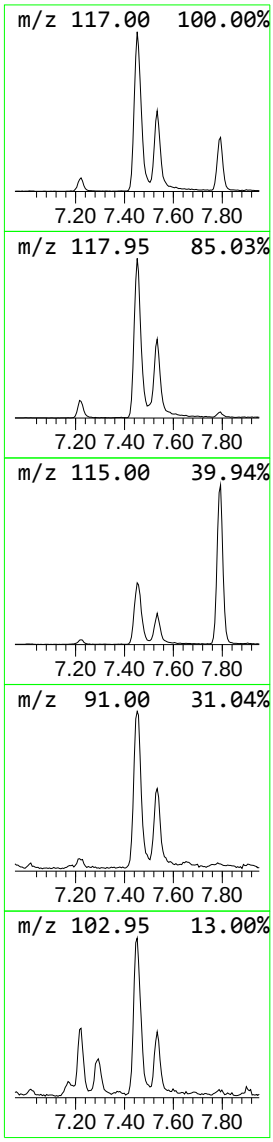
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.452	10.37 ng	765339	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

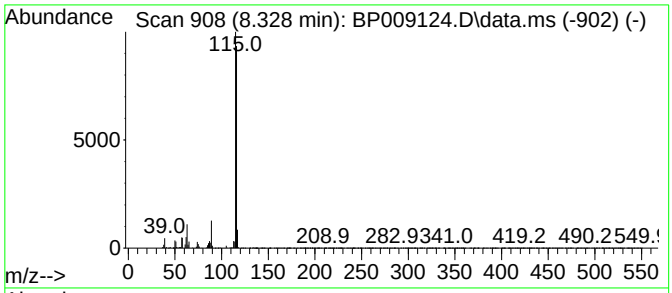
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

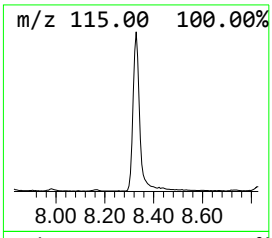
****

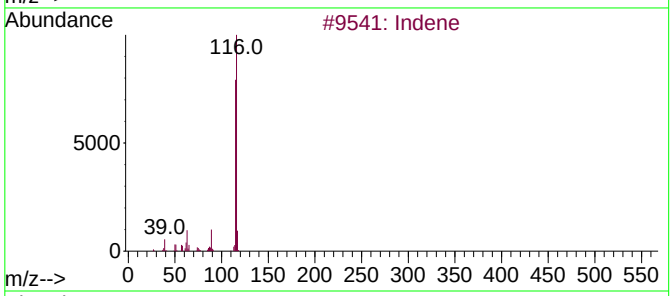
Peak Number 3 Indene Concentration Rank 18

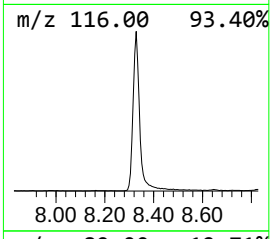
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	7.36 ng	543482	1,4-Dichlorobenzene-d4	7.793

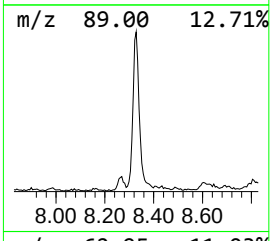
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90

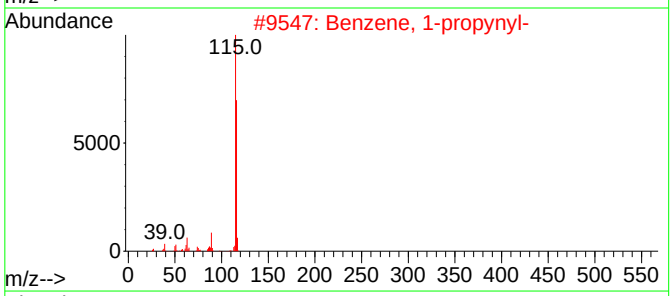


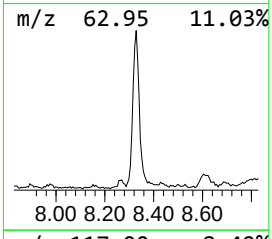


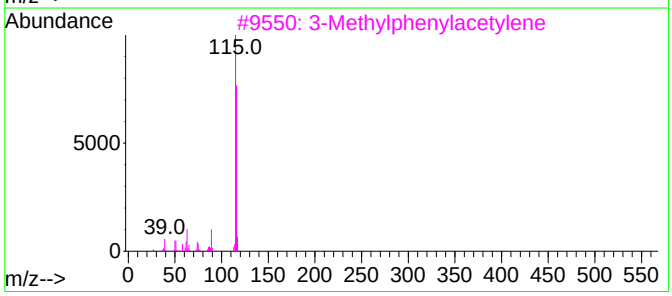


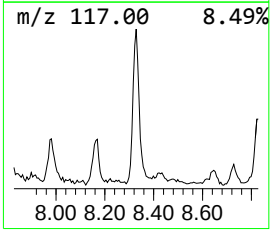












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

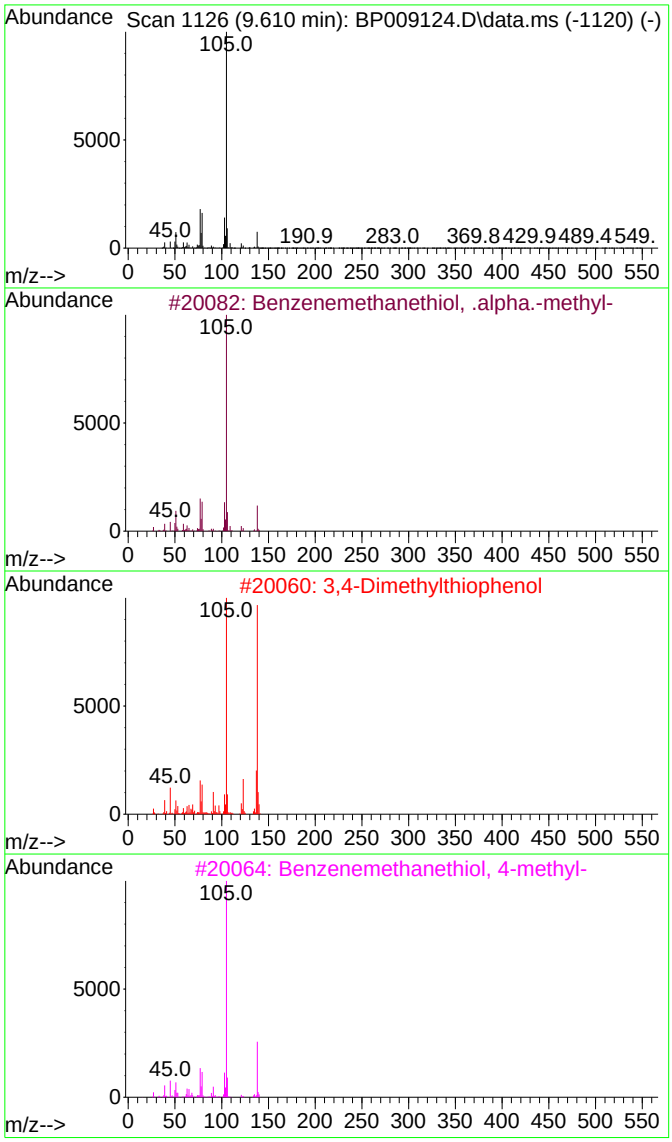
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

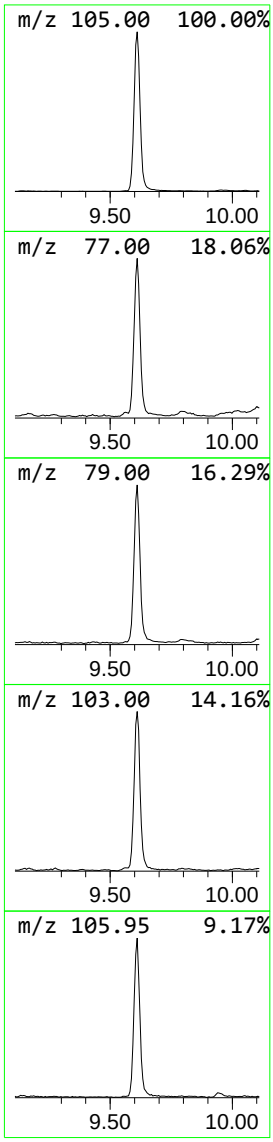
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenemethanethiol, .alpha... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	11.93 ng	1303030	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
4	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72
5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

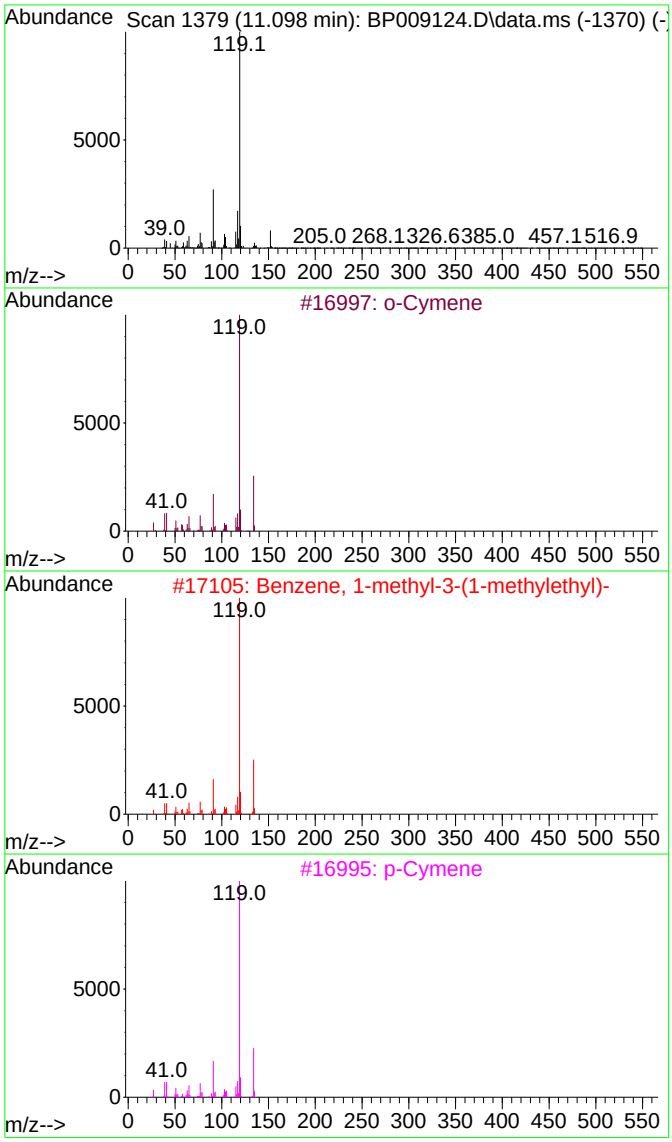
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

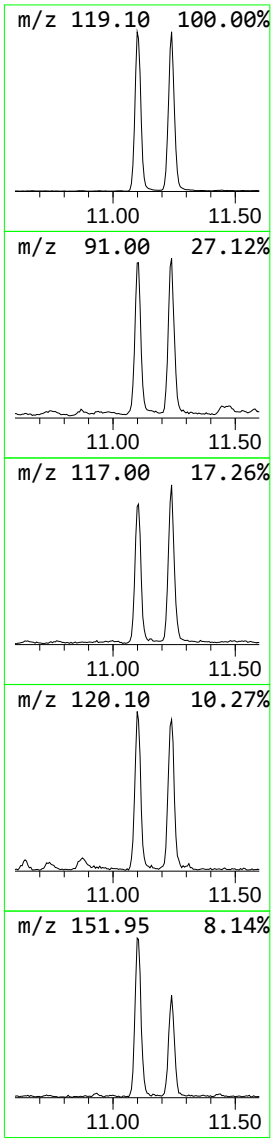
****

Peak Number 5 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.099	7.08 ng	773468	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	p-Cymene	134	C10H14	000099-87-6	83
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

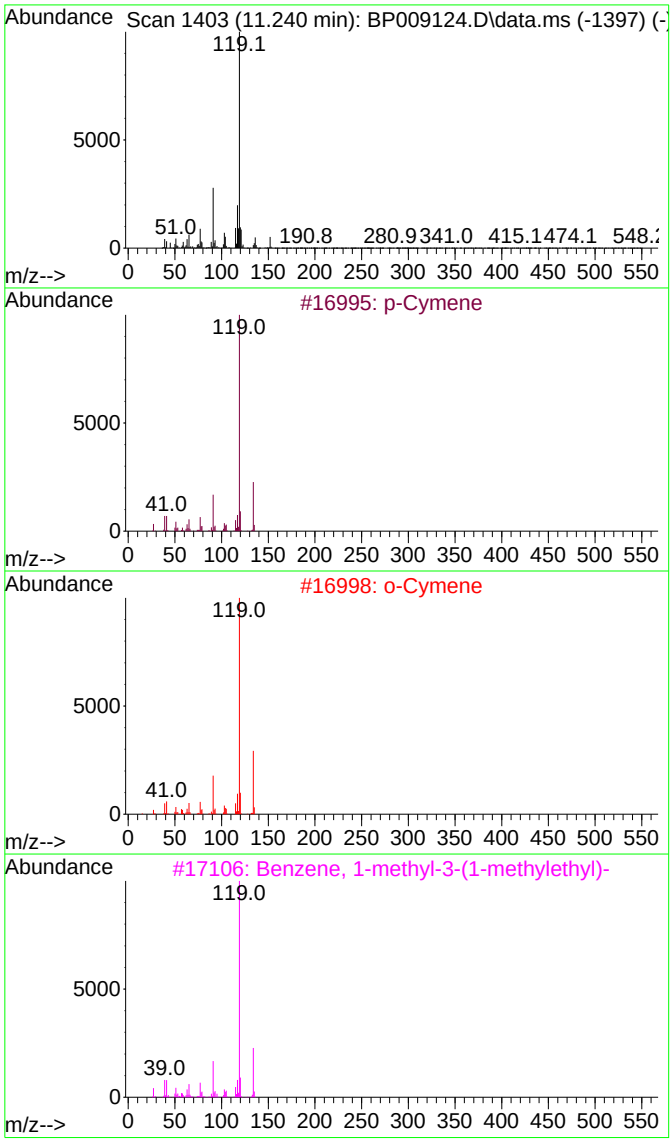
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

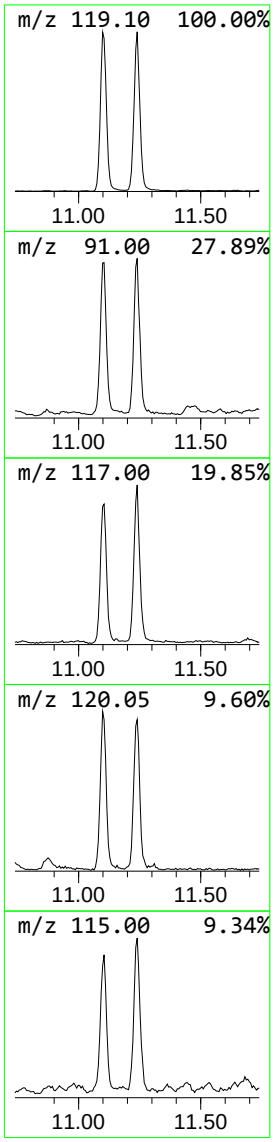
****

Peak Number 6 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.240	7.81 ng	853084	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	76
2	o-Cymene	134	C10H14	000527-84-4	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

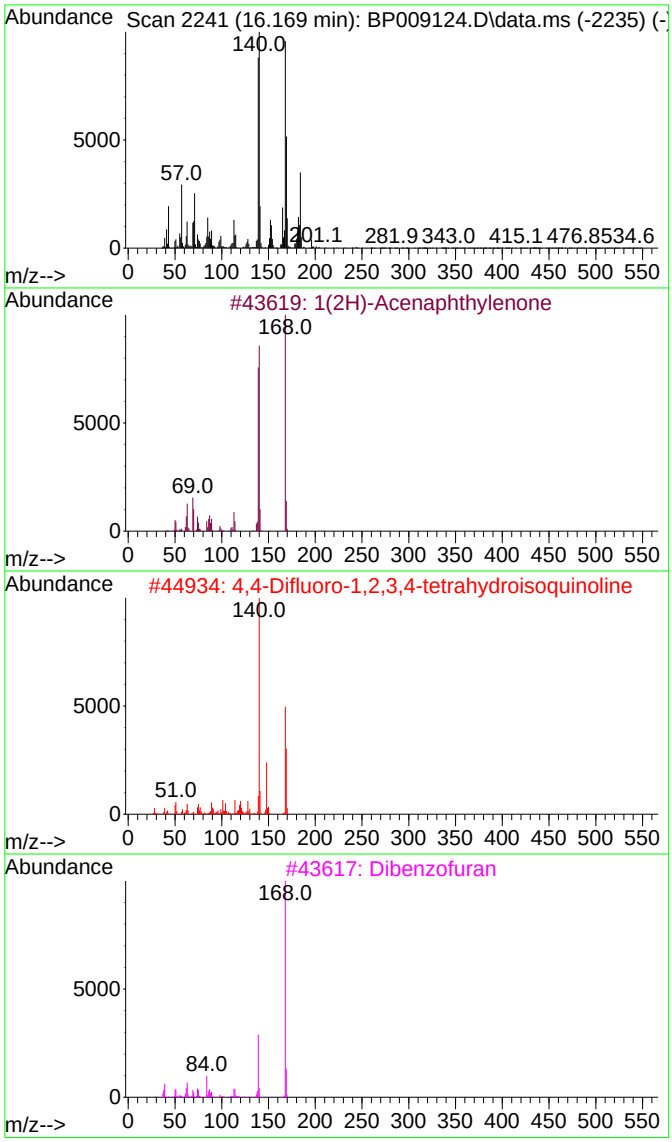
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

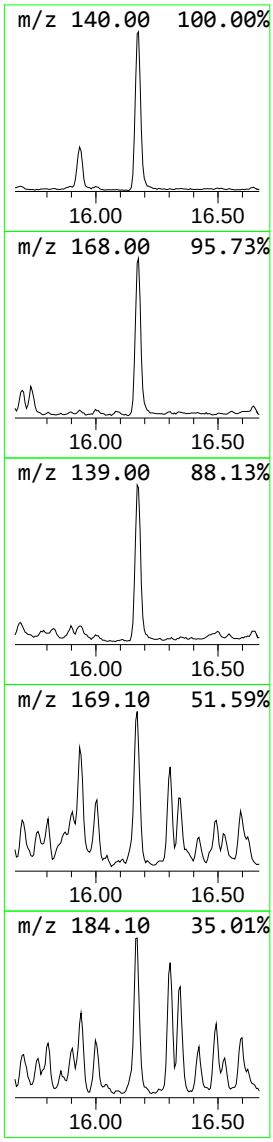
****

Peak Number 7 1(2H)-Acenaphthylenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	6.83 ng	1224160	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	4,4-Difluoro-1,2,3,4-tetrahydroi...	169	C9H9F2N	537033-81-1	50
3	Dibenzofuran	168	C12H8O	000132-64-9	38
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
5	Benzonitrile, 4-(4-pentyl-1-cycl...	253	C18H23N	072114-65-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

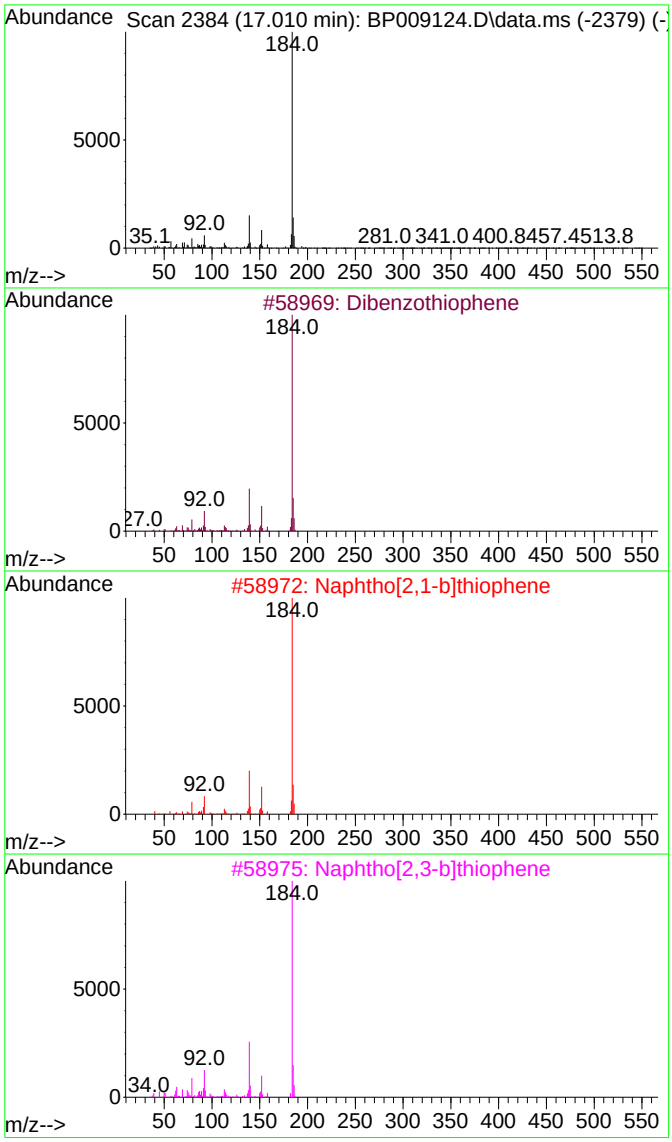
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

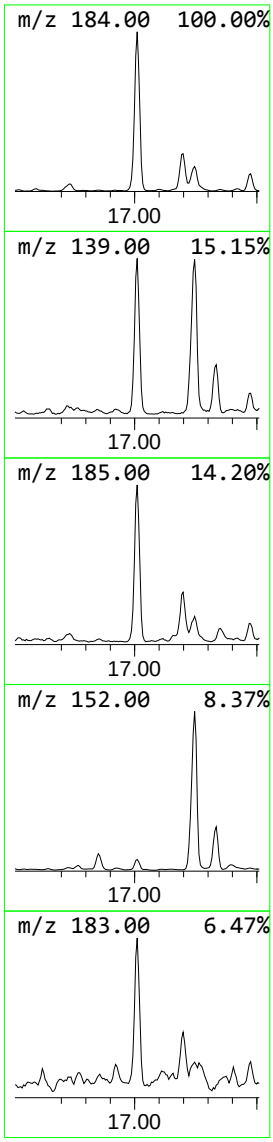
****

Peak Number 8 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	13.05 ng	2338420	Phenanthrene-d10	17.198

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	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

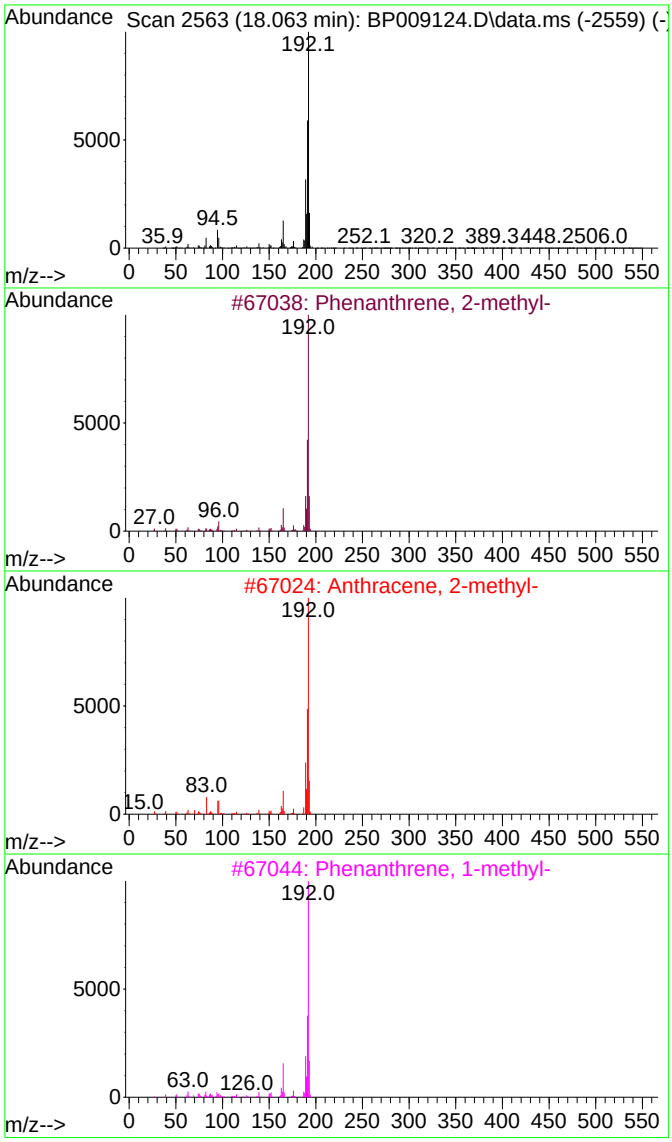
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

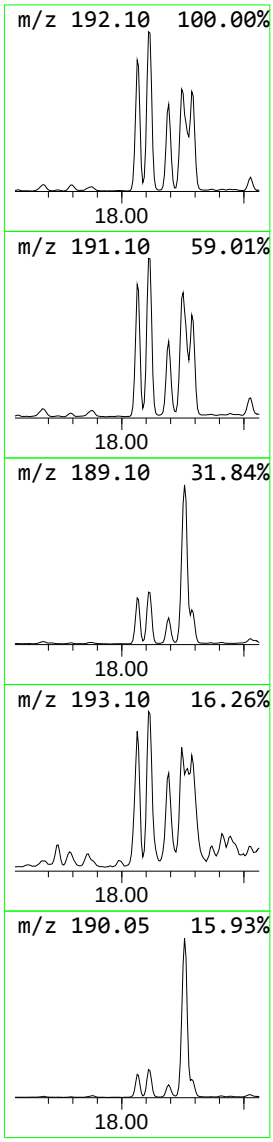
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	17.03 ng	3053110	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

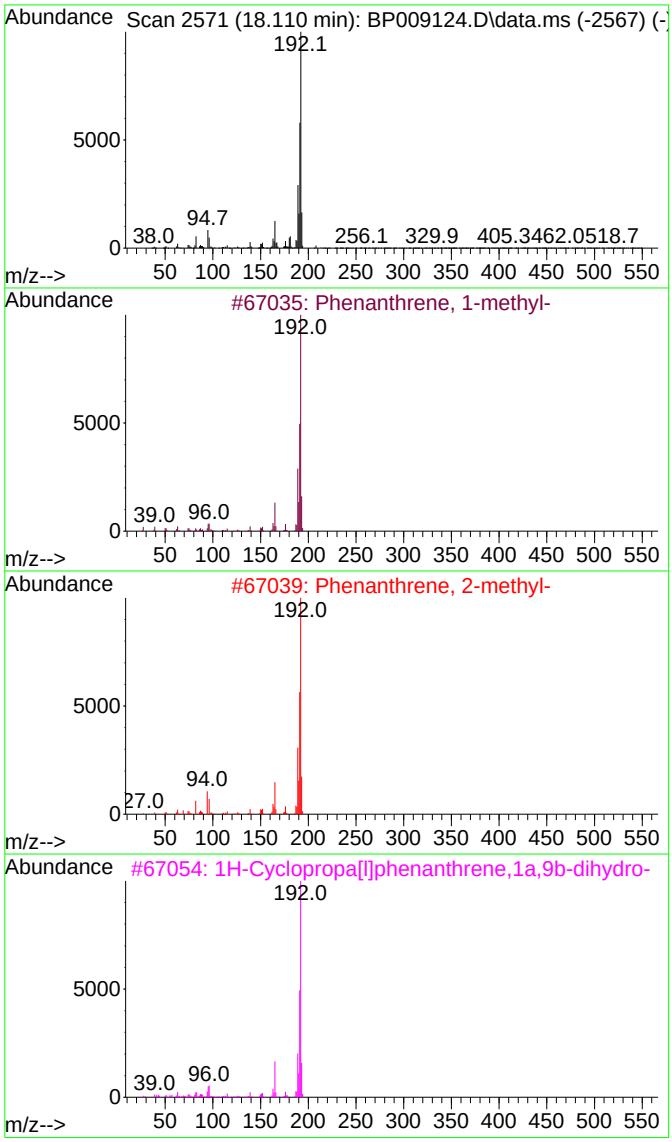
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

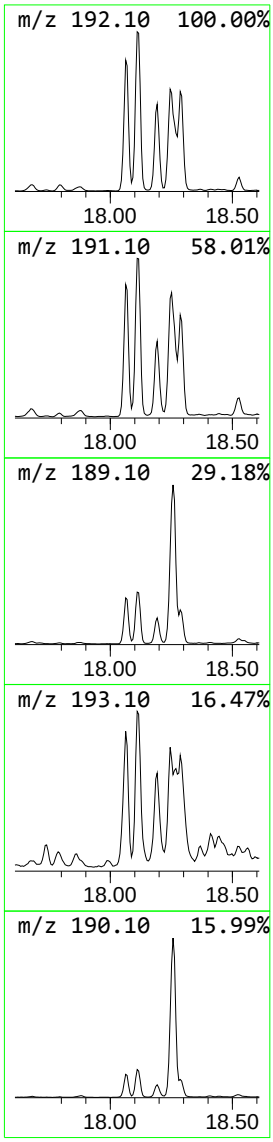
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	27.70 ng	4965320	Phenanthrene-d10	17.198

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

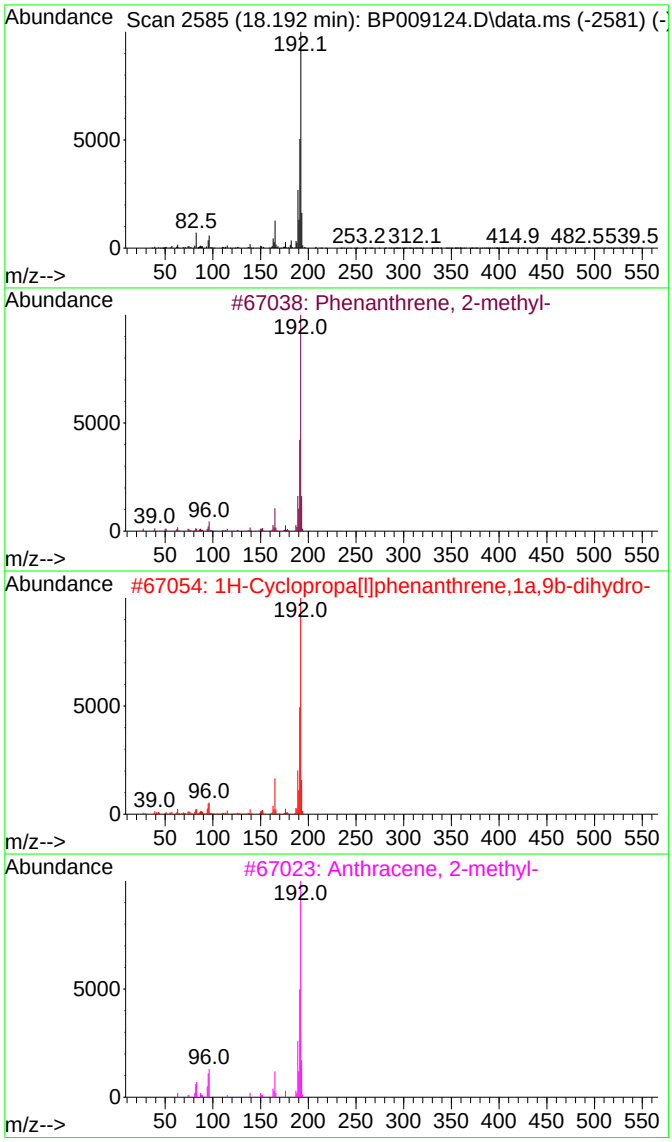
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

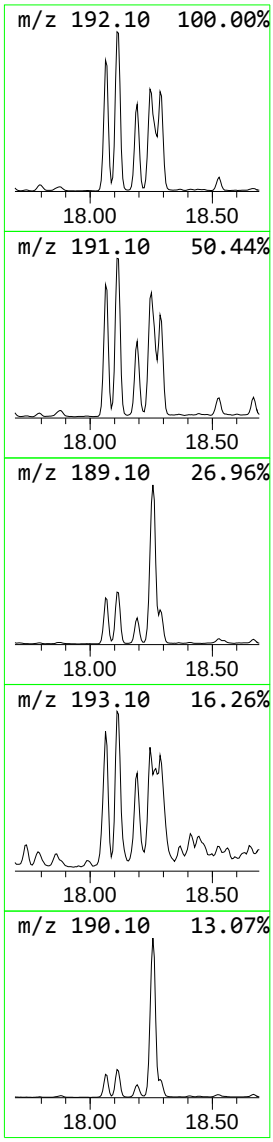
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	9.74 ng	1745460	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

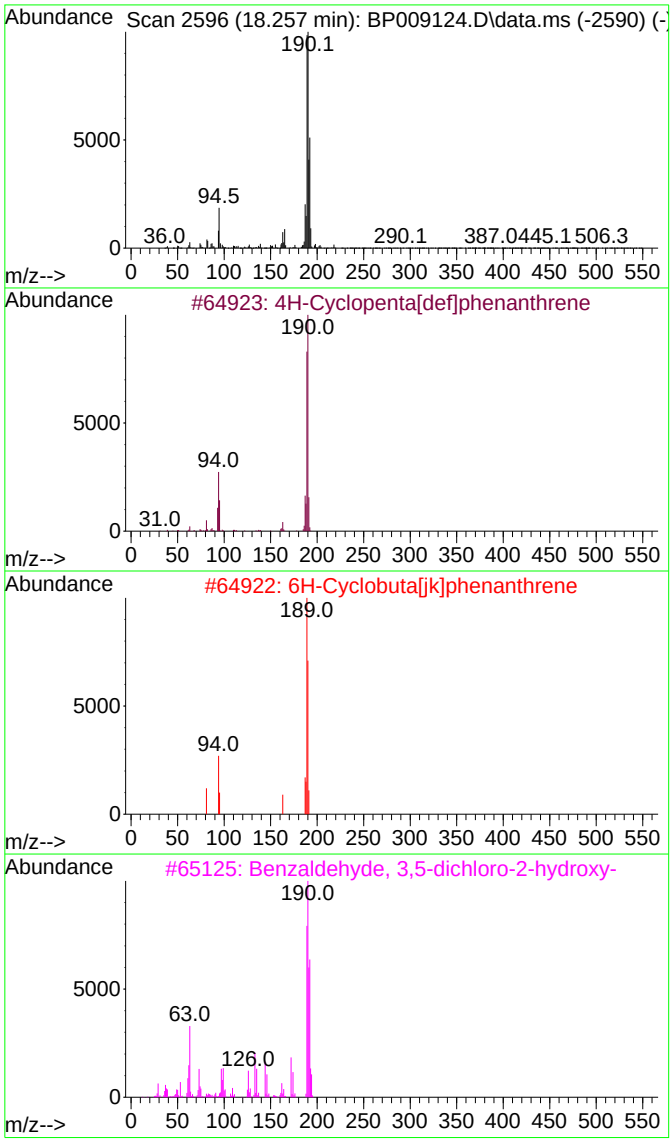
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

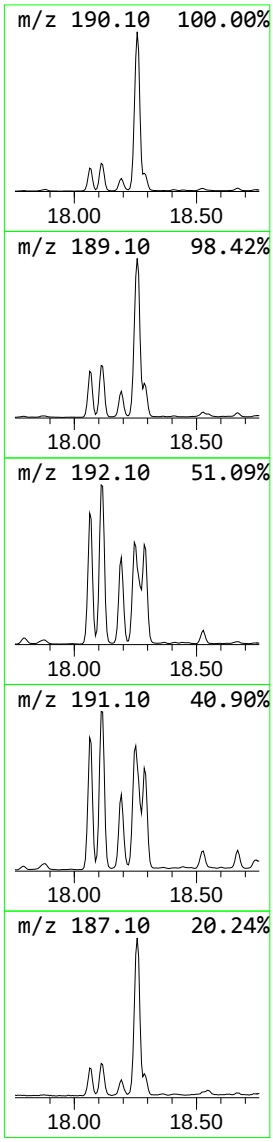
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	37.83 ng	6781510	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

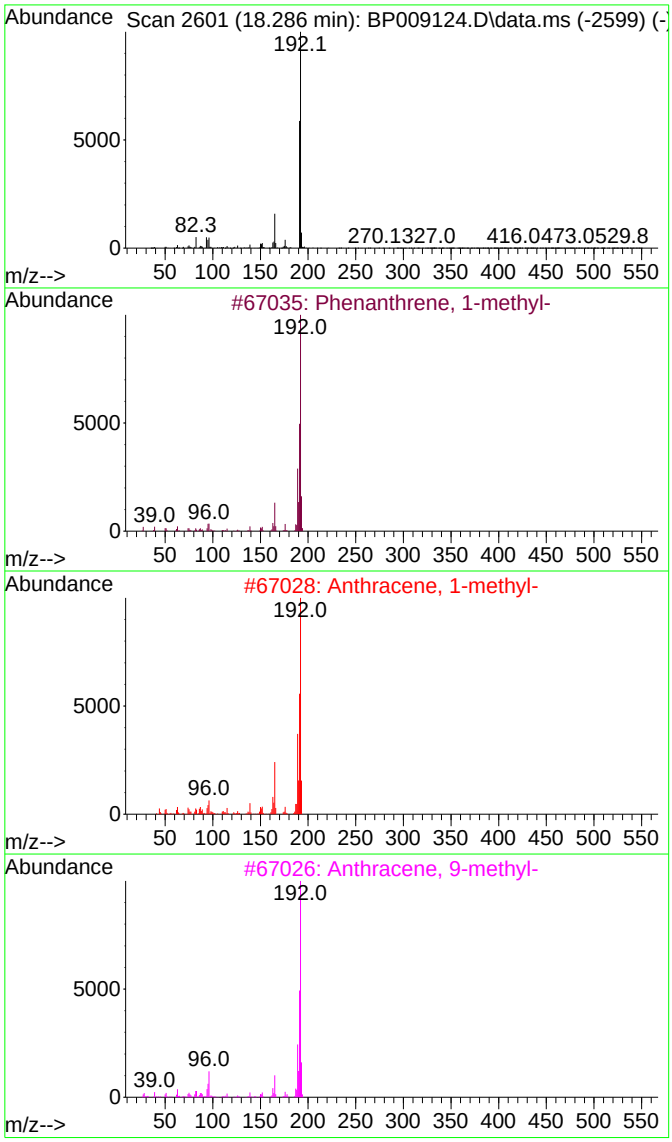
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

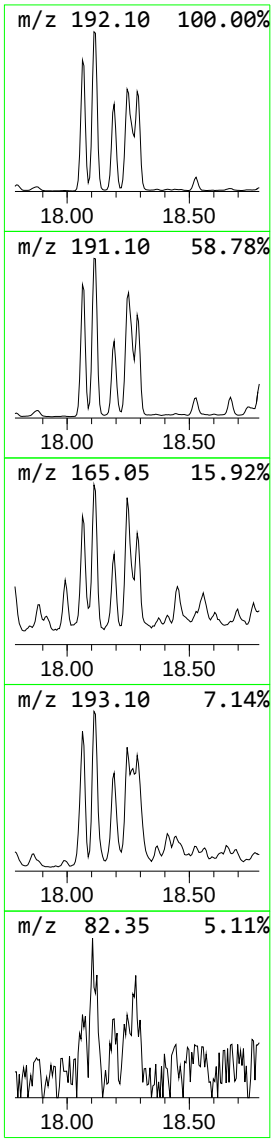
****

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	12.57 ng	2253370	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

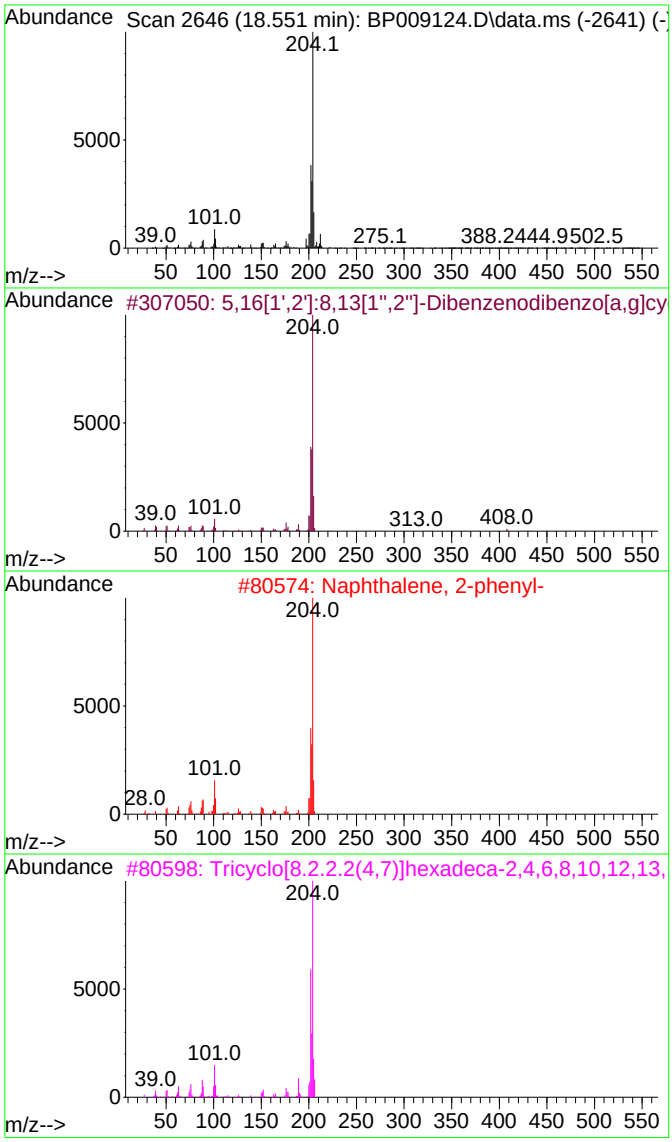
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

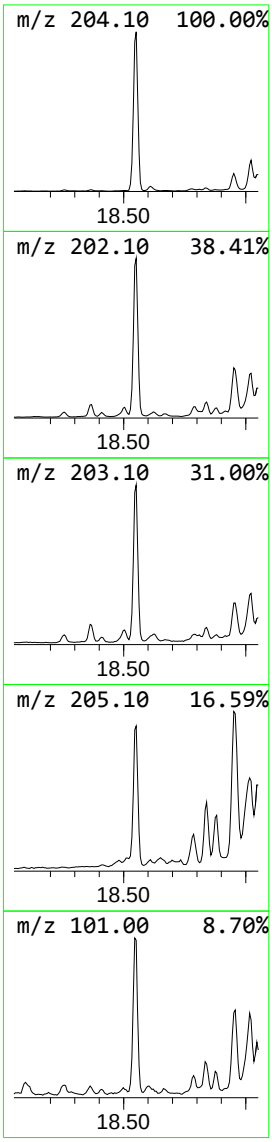
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	15.18 ng	2720100	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

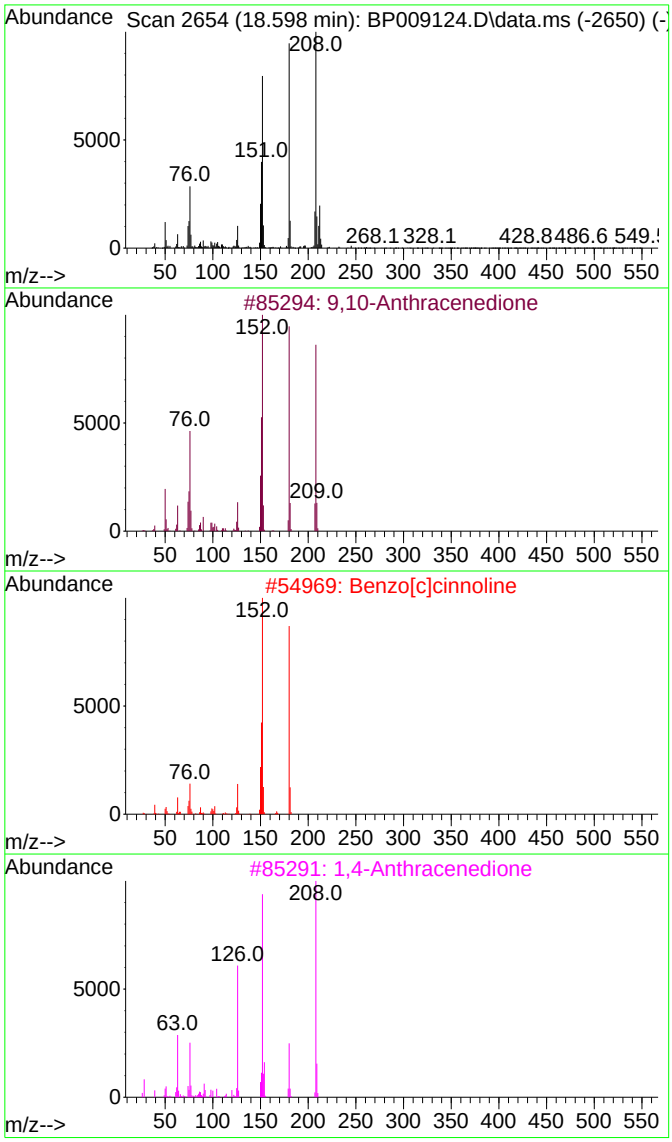
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

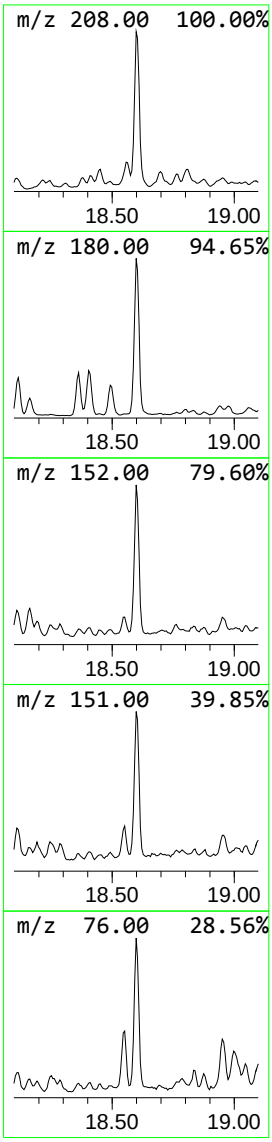
****

Peak Number 15 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	10.87 ng	1948040	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

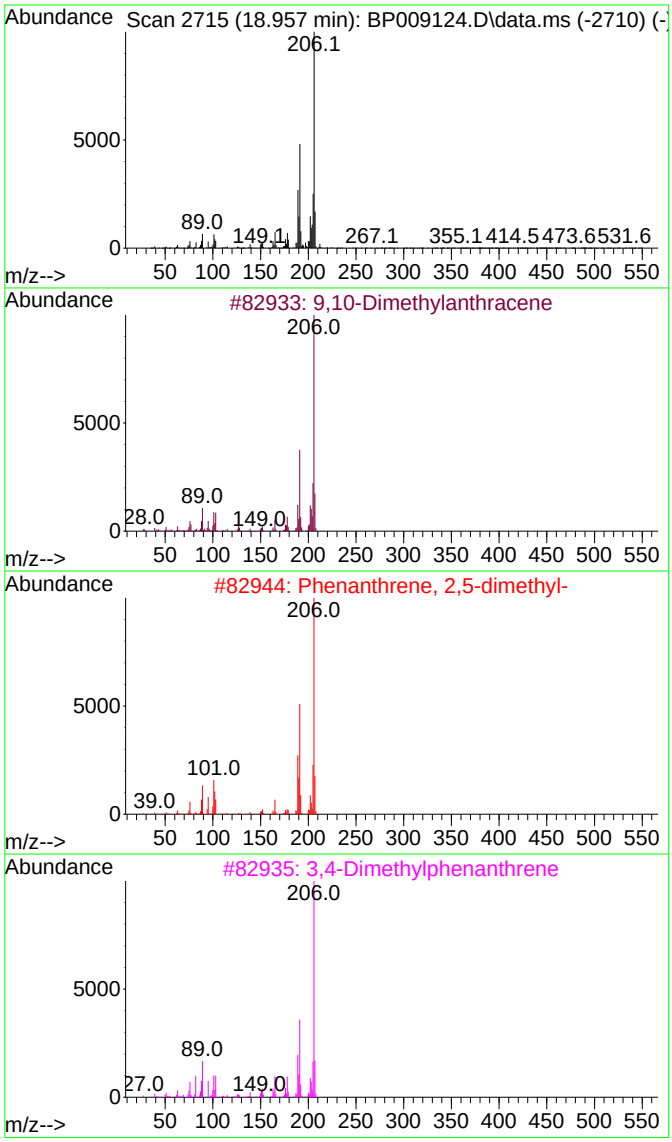
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

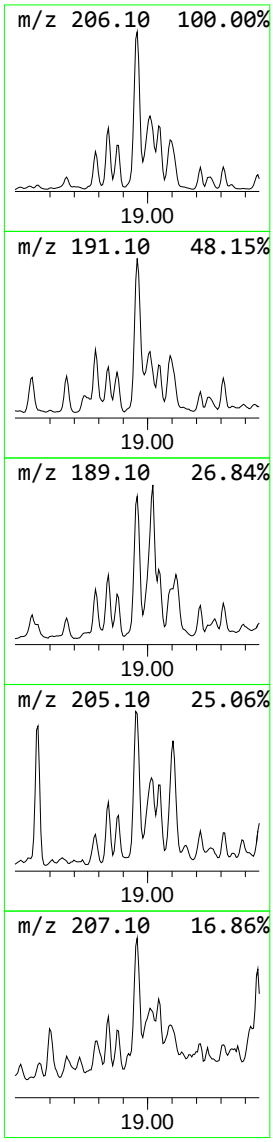
****

Peak Number 16 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	17.92 ng	3212390	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

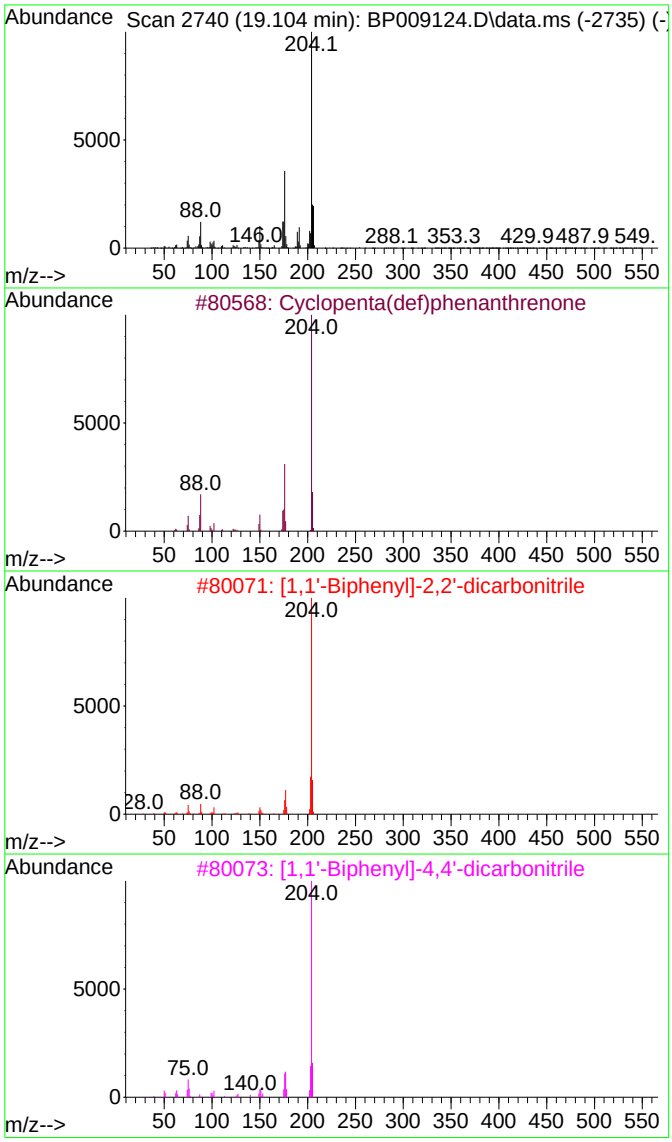
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

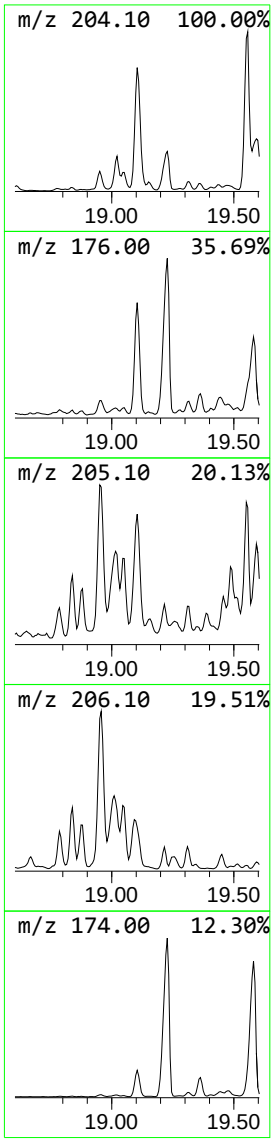
****

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	16.03 ng	2873470	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

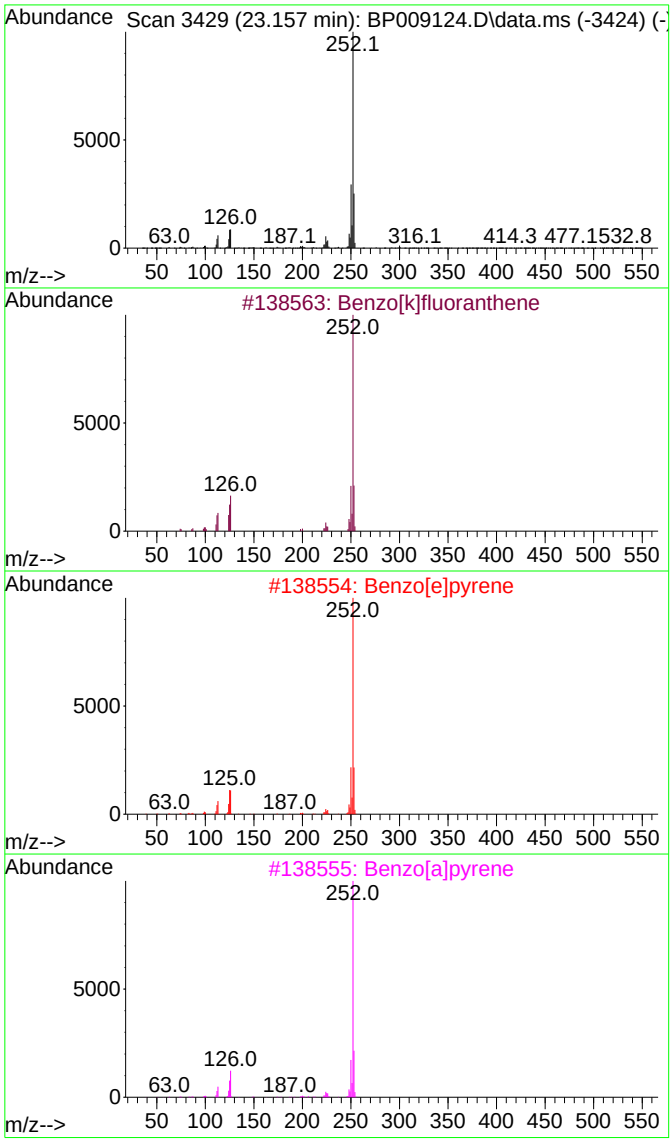
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

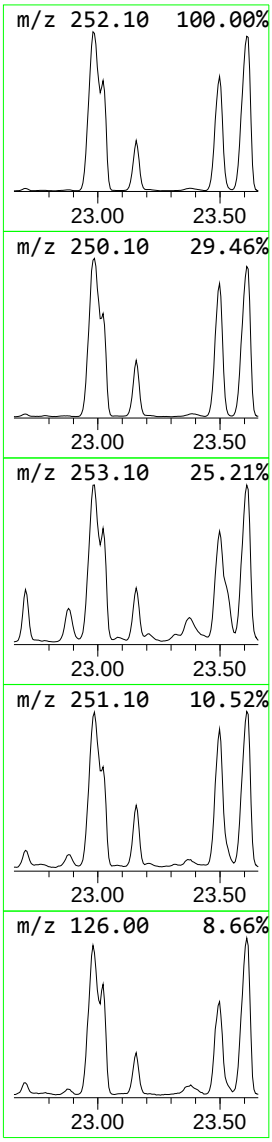
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.157	44.94 ng	4959690	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

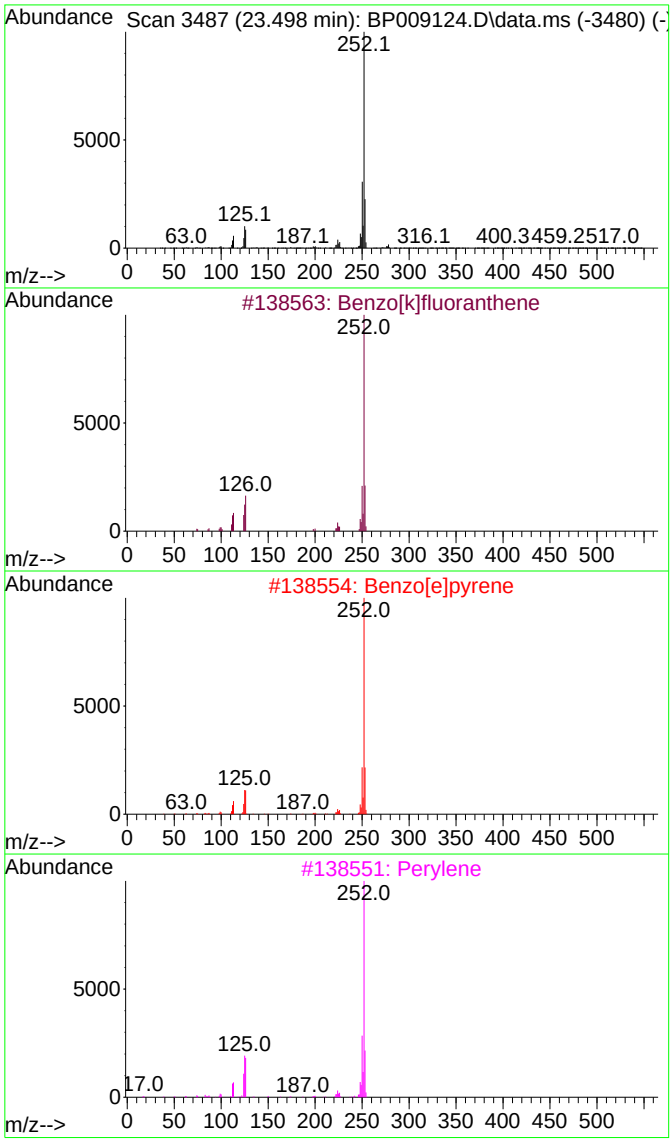
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

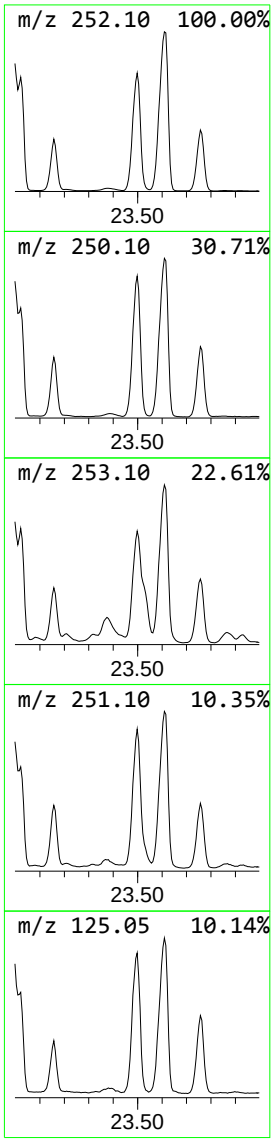
****

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.498	147.10 ng	16233300	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

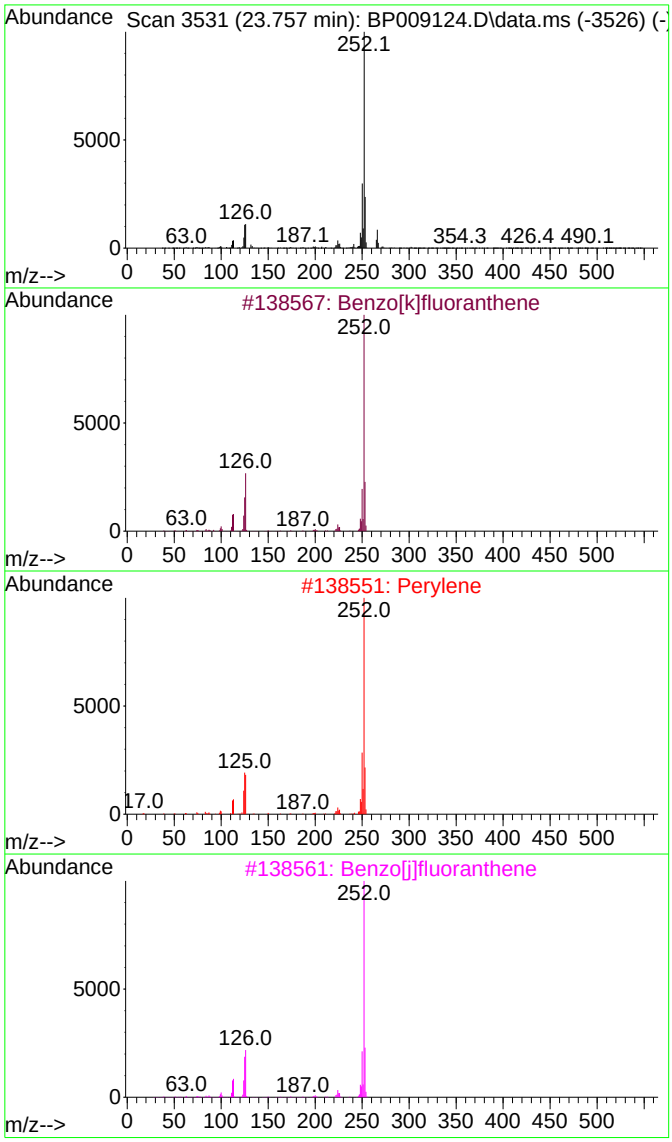
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

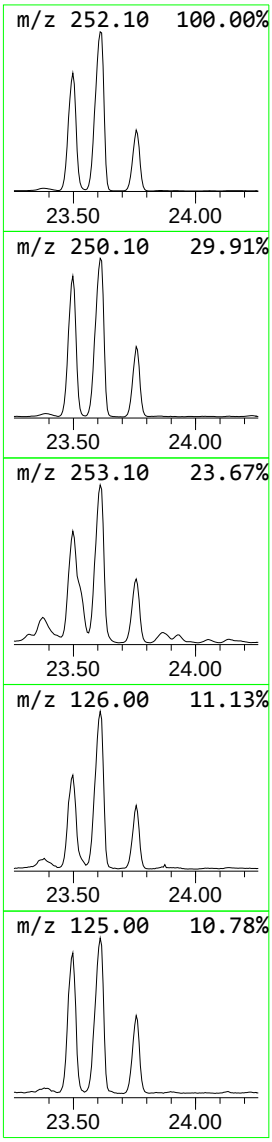
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.757	79.06 ng	8724690	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009124.D
Acq On : 11 Feb 2022 21:18
Operator : CG/JU
Sample : N1494-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Benzene, 1-ethe...	7.452	10.4	ng	765339	1	7.793	1476600	20.0
Indene	8.328	7.4	ng	543482	1	7.793	1476600	20.0
Benzenemethanet...	9.610	11.9	ng	1303030	2	10.587	2184300	20.0
o-Cymene	11.099	7.1	ng	773468	2	10.587	2184300	20.0
p-Cymene	11.240	7.8	ng	853084	2	10.587	2184300	20.0
1(2H)-Acenaphth...	16.169	6.8	ng	1224160	4	17.198	3584970	20.0
Dibenzothiophene	17.010	13.1	ng	2338420	4	17.198	3584970	20.0
Phenanthrene, 2...	18.063	17.0	ng	3053110	4	17.198	3584970	20.0
Phenanthrene, 1...	18.110	27.7	ng	4965320	4	17.198	3584970	20.0
1H-Cyclopropa[l...	18.192	9.7	ng	1745460	4	17.198	3584970	20.0
4H-Cyclopenta[d...	18.257	37.8	ng	6781510	4	17.198	3584970	20.0
Anthracene, 1-m...	18.286	12.6	ng	2253370	4	17.198	3584970	20.0
5,16[1',2']:8,1...	18.551	15.2	ng	2720100	4	17.198	3584970	20.0
9,10-Anthracene...	18.598	10.9	ng	1948040	4	17.198	3584970	20.0
9,10-Dimethylan...	18.957	17.9	ng	3212390	4	17.198	3584970	20.0
Cyclopenta(def)...	19.104	16.0	ng	2873470	4	17.198	3584970	20.0
Benzo[e]pyrene	23.157	44.9	ng	4959690	6	23.704	2207150	20.0
Perylene	23.498	147.1	ng	16233300	6	23.704	2207150	20.0
Benzo[j]fluoran...	23.757	79.1	ng	8724690	6	23.704	2207150	20.0