LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

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-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013638.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	3	6	11	rVB	847022	1000878	6.34%	0.419%
2	5.217	338	345	356	rBV	910806	1271453	8.05%	0.532%
3	5.687	418	425	434	rBV	2320672	3365847	21.32%	1.409%
4	7.299	692	699	709	rBV	2158833	3552477	22.50%	1.487%
5	8.152	834	844	851	rBV	664747	1103110	6.99%	0.462%
6	9.328	1038	1044	1050	rVV	1248058	2014798	12.76%	0.843%
7	10.946	1314	1319	1321	rBV	291736	450899	2.86%	0.189%
8	10.987	1321	1326	1331	rVV	805709	1427595	9.04%	0.597%
9	12.381	1555	1563	1569	rBV	506399	817762	5.18%	0.342%
10	12.628	1601	1605	1614	rVB	507072	835939	5.29%	0.350%
11	12.852	1635	1643	1652	rBV3	523492	1140181	7.22%	0.477%
12	13.416	1733	1739	1746	rVV	3348810	4879303	30.90%	2.042%
13	13.604	1765	1771	1779	rVB2	683950	1118027	7.08%	0.468%
14	13.957	1825	1831	1832	rBV	500591	712029	4.51%	0.298%
15	14.116	1852	1858	1863	rBV	933763	1602653	10.15%	0.671%
16	14.169	1863	1867	1872	rVB	648161	915424	5.80%	0.383%
17	14.251	1872	1881	1886	rBV3	407594	1034725	6.55%	0.433%
18	14.351	1893	1898	1901	rBV	441738	634373	4.02%	0.266%
19	14.516	1921	1926	1936	rBV	1023703	1747475	11.07%	0.731%
20	14.675	1949	1953	1961	rVB	836995	1092833	6.92%	0.457%
21	14.757	1962	1967	1969	rBV2	314164	482755	3.06%	0.202%
22	14.793	1969	1973	1979	rVB	1222476	1857268	11.76%	0.777%
23	14.863	1979	1985	1990	rBV3	258230	542544	3.44%	0.227%
24	15.004	2003	2009	2016	rVB	245999	575036	3.64%	0.241%
25	15.187	2034	2040	2046	rVB	805550	1250568	7.92%	0.523%
26	15.263	2049	2053	2057	rBV	683501	912863	5.78%	0.382%
27	15.404	2071	2077	2082	rBV2	541105	1030082	6.52%	0.431%
28	15.457	2082	2086	2091	rVB	537490	765099	4.85%	0.320%
29	15.581	2099	2107	2110	rBV2	387759	855225	5.42%	0.358%
30	15.622	2110	2114	2118	rVV2	896784	1283885	8.13%	0.537%
31	15.840	2146	2151	2163	rVB2	1107484	2045914	12.96%	0.856%
32	16.045	2182	2186	2193	rVB3	340652	767247	4.86%	0.321%
33	16.134	2196	2201	2207	rVV3	408016	900353	5.70%	0.377%
34	16.281	2217	2226	2234	rBV	2990048	4798403	30.39%	2.008%
35	16.492	2257	2262	2264	rBV	900322	1299841	8.23%	0.544%
36	16.516	2264	2266	2277	rVB2	899065	1152193	7.30%	0.482%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

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-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.845	2315	2322	2327	rBV3	610625	1326186	8.40%	0.555%
38	16.898	2327	2331	2336	rVB2	556139	853660	5.41%	0.357%
39	16.998	2344	2348	2352	rVB	368772	490576	3.11%	0.205%
40	17.075	2354	2361	2364	rBV5	260306	585037	3.71%	0.245%
41	17.198	2378	2382	2389	rVV2	736242	1149765	7.28%	0.481%
42	17.287	2392	2397	2401	rVV2	882765	1221989	7.74%	0.511%
43	17.369	2403	2411	2419	rVB2	782431	1748038	11.07%	0.732%
44	17.551	2437	2442	2445	rBV	1420961	2173960	13.77%	0.910%
45	17.598	2445	2450	2456	rVV	8310723	12409691	78.59%	5.194%
46	17.687	2460	2465	2469	rVV	2492912	3470097	21.98%	1.452%
47	17.734	2469	2473	2479	rVB4	254875	567574	3.59%	0.238%
48	17.945	2505	2509	2514	rBV	541503	859715	5.44%	0.360%
49	18.022	2519	2522	2526	rVV	843921	1092219	6.92%	0.457%
50	18.122	2535	2539	2546	rVV	1006748	1453589	9.21%	0.608%
51	18.192	2548	2551	2554	rVV	475550	586788	3.72%	0.246%
52	18.263	2558	2563	2571	rVB	528928	946042	5.99%	0.396%
53	18.410	2583	2588	2592	rVV	4955437	6882444	43.59%	2.880%
54	18.457	2592	2596	2601	rVB	5107805	6784969	42.97%	2.840%
55	18.534	2604	2609	2614	rVV	1071767	1532195	9.70%	0.641%
56	18.592	2614	2619	2623	rVV2	3281724	6288008	39.82%	2.632%
57	18.634	2623	2626	2631	rVB	2578805	3279702	20.77%	1.373%
58	18.692	2632	2636	2641	rBV2	661390	989504	6.27%	0.414%
59	18.881	2664	2668	2672	rBV2	1315084	1836433	11.63%	0.769%
60	18.928	2672	2676	2686	rVB2	1634646	2669538	16.91%	1.117%
61	19.122	2701	2709	2713	rBV2	1216184	2178581	13.80%	0.912%
62	19.169	2713	2717	2720	rBV	1850665	2125863	13.46%	0.890%
63	19.210	2720	2724	2728	rVB	1187387	1590321	10.07%	0.666%
64	19.286	2732	2737	2741	rBV	4969898	7586240	48.05%	3.175%
65	19.375	2750	2752	2756	rVB	1096878	1155377	7.32%	0.484%
66	19.422	2756	2760	2770	rBV4	1501152	3366179	21.32%	1.409%
67	19.498	2770	2773	2775	rVV	722397	916205	5.80%	0.383%
68	19.545	2775	2781	2786	rVV	6416305	10209814	64.66%	4.273%
69	19.598	2787	2790	2793	rVV	512452	649861	4.12%	0.272%
70	19.634	2793	2796	2801	rVB	843279	1119108	7.09%	0.468%
71	19.692	2802	2806	2809	rBV	555347	726472	4.60%	0.304%
72	19.733	2810	2813	2817	rVB2	536475	645042	4.09%	0.270%
73	19.781	2817	2821	2823	rBV2	511285	729928	4.62%	0.305%
74	19.904	2830	2842	2848	rVB	10305565	15789558	100.00%	6.608%
75	19.963	2848	2852	2858	rVB	1462176	2215993	14.03%	0.927%
76	20.039	2858	2865	2868	rBV3	560441	1417938	8.98%	0.593%

LSC Area Percent Report

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Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

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-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.081	2868	2872	2876	rVV	5654653	7292460	46.19%	3.052%
78	20.122	2876	2879	2886	rVB3	583940	963476	6.10%	0.403%
79	20.222	2888	2896	2903	rBV3	1590370	3983766	25.23%	1.667%
80	20.345	2912	2917	2918	rBV3	1078481	1599445	10.13%	0.669%
81	20.375	2918	2922	2930	rVB	2143275	3433429	21.74%	1.437%
82	20.475	2935	2939	2943	rVB	802916	1005195	6.37%	0.421%
83	20.533	2944	2949	2953	rVV	2908093	3618231	22.92%	1.514%
84	20.669	2968	2972	2976	rBV	2487237	3150584	19.95%	1.319%
85	20.716	2976	2980	2991	rVB2	2132538	3564333	22.57%	1.492%
86	21.104	3042	3046	3052	rVB	1611098	2269852	14.38%	0.950%
87	21.192	3058	3061	3065	rVB	749778	827547	5.24%	0.346%
88	21.251	3067	3071	3072	rBV	864796	1152116	7.30%	0.482%
89	21.304	3077	3080	3084	rVB2	1527528	1887994	11.96%	0.790%
90	21.351	3085	3088	3091	rBV3	538862	717952	4.55%	0.300%
91	21.622	3129	3134	3140	rBV2	5282454	10507282	66.55%	4.398%
92	21.675	3140	3143	3153	rVB	4128569	6437840	40.77%	2.694%
93	21.863	3172	3175	3190	rVB5	977414	2440543	15.46%	1.021%
94	22.186	3227	3230	3233	rBV	533681	611586	3.87%	0.256%
95	22.251	3234	3241	3247	rVV	2218220	4327568	27.41%	1.811%
96	22.310	3248	3251	3257	rVB	1127947	1637070	10.37%	0.685%
97	22.475	3277	3279	3283	rVB	592844	657853	4.17%	0.275%
98	23.439	3438	3443	3449	rBV3	1379616	3335289	21.12%	1.396%
99	24.010	3535	3540	3551	rVB	1650105	3342466	21.17%	1.399%
100	24.121	3553	3559	3567	rVB	2481516	5313076	33.65%	2.224%

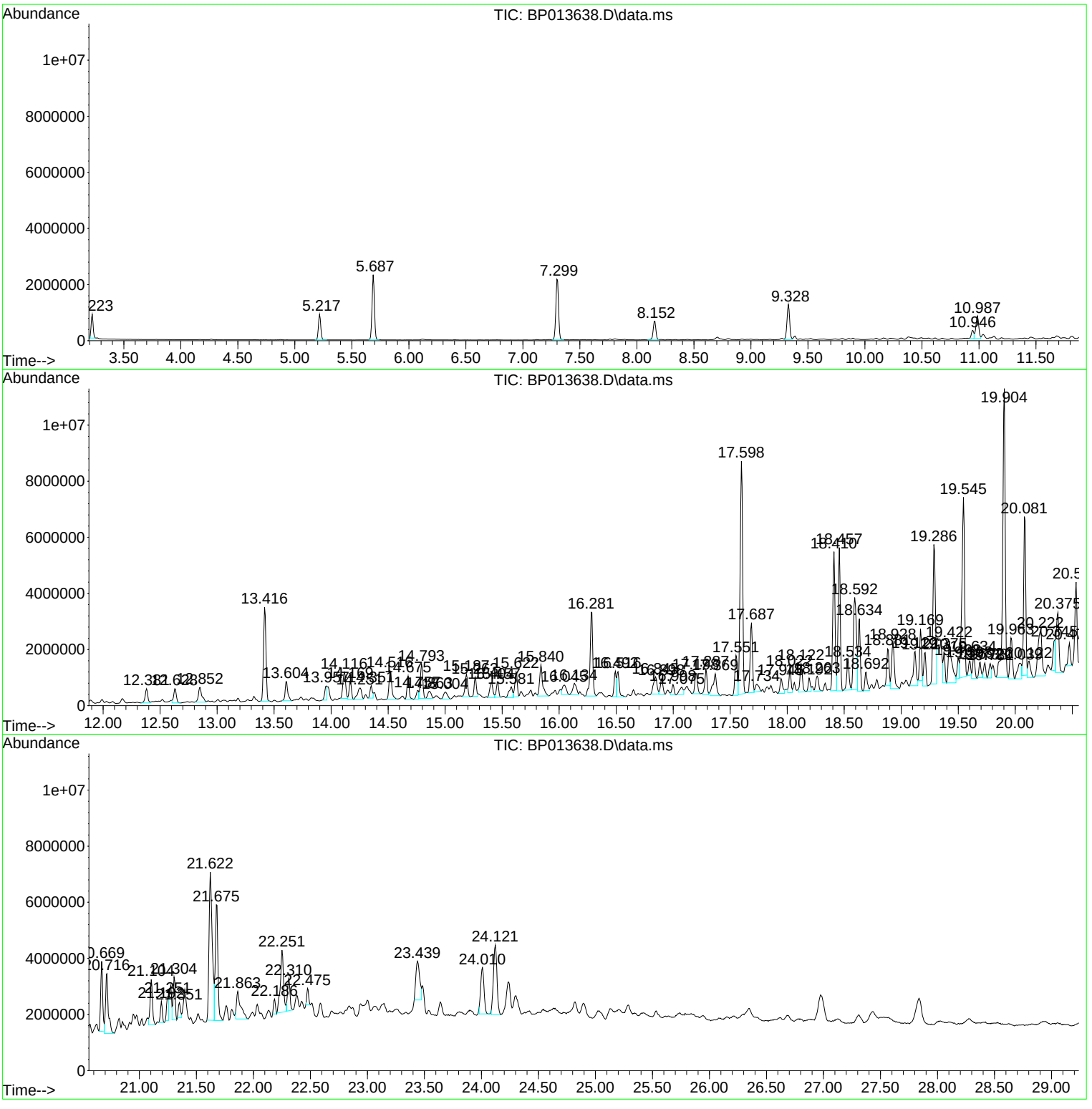
Sum of corrected areas: 238934209

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

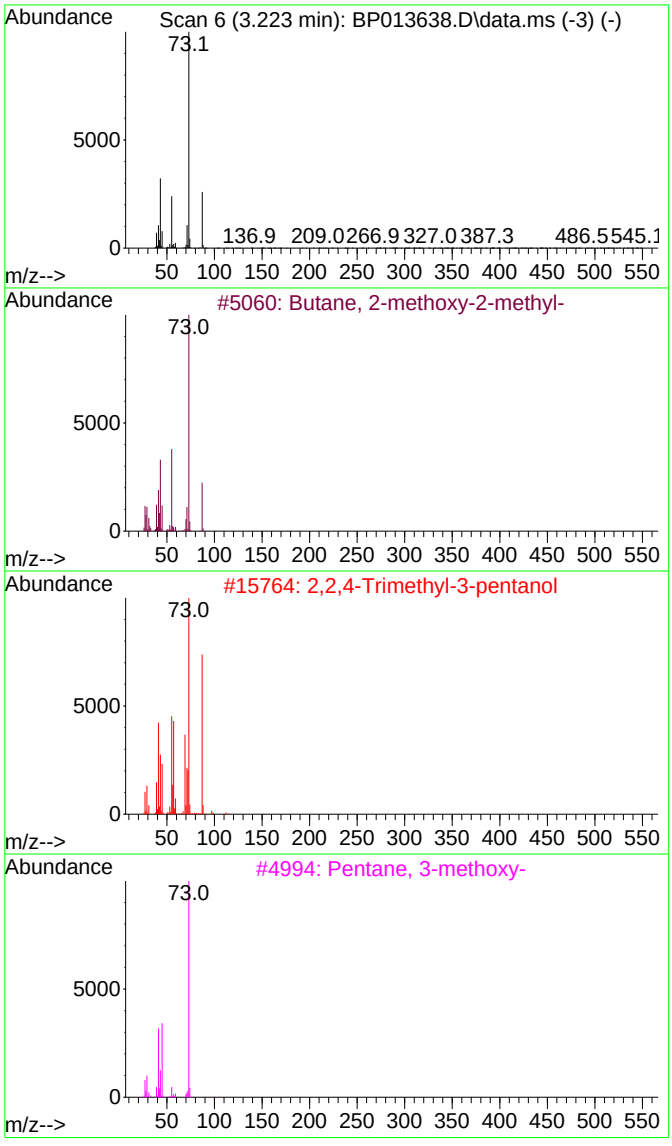
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

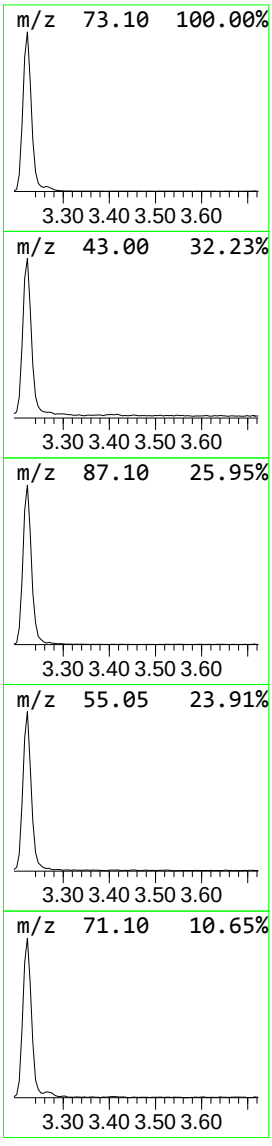
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.223	18.15 ng	1000880	1,4-Dichlorobenzene-d4	8.158

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

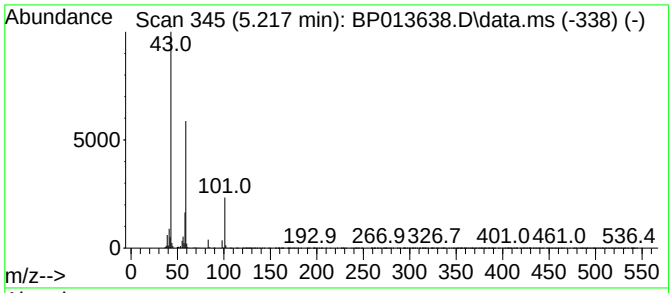
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

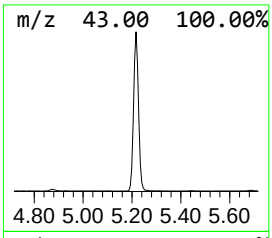
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

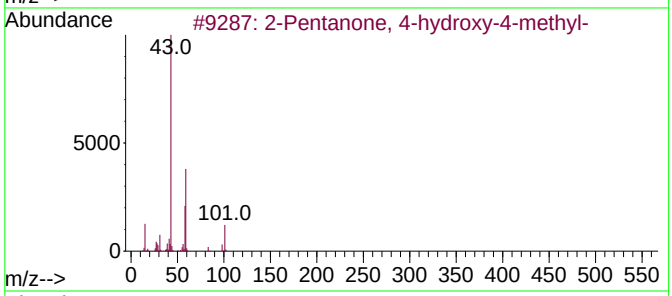
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

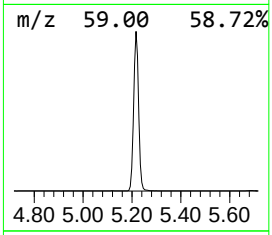
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.217	23.05 ng	1271450	1,4-Dichlorobenzene-d4	8.158

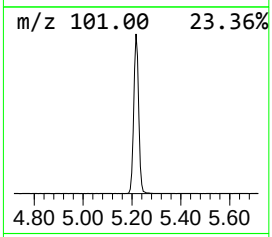
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9

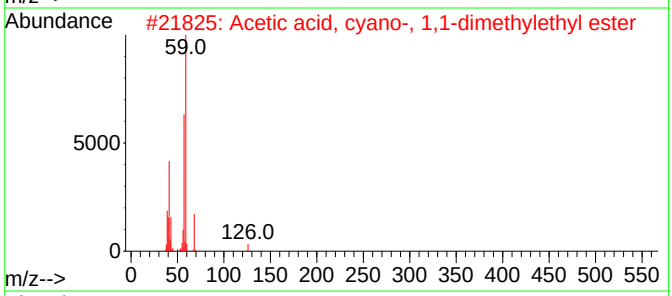


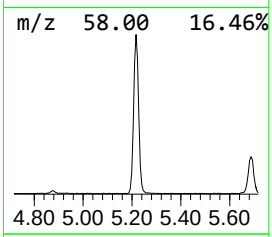


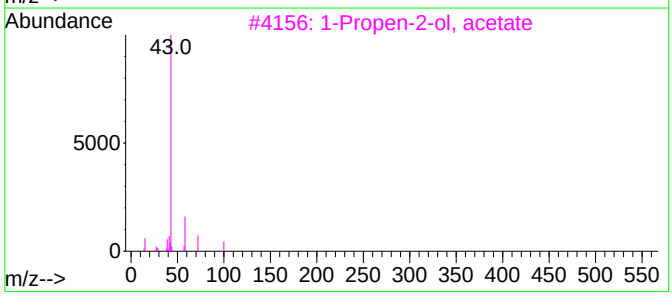


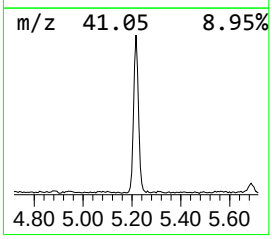












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
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Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

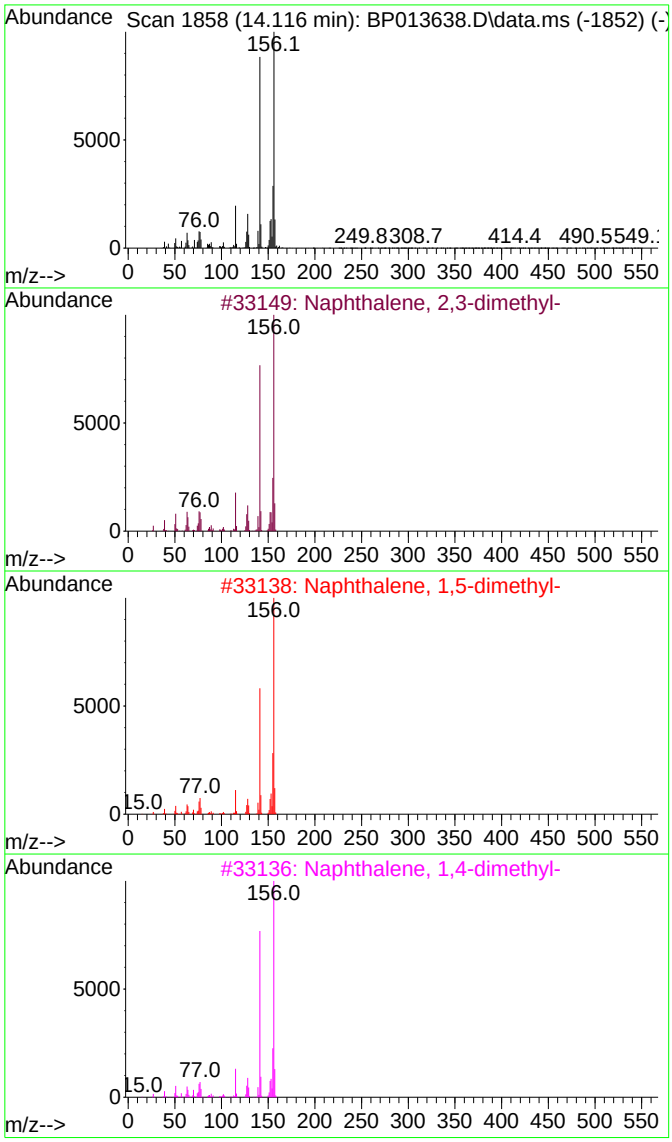
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

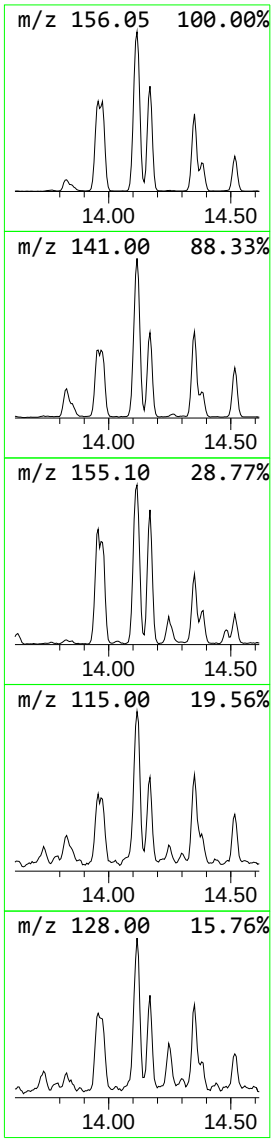
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.116	17.26 ng	1602650	Acenaphthene-d10	14.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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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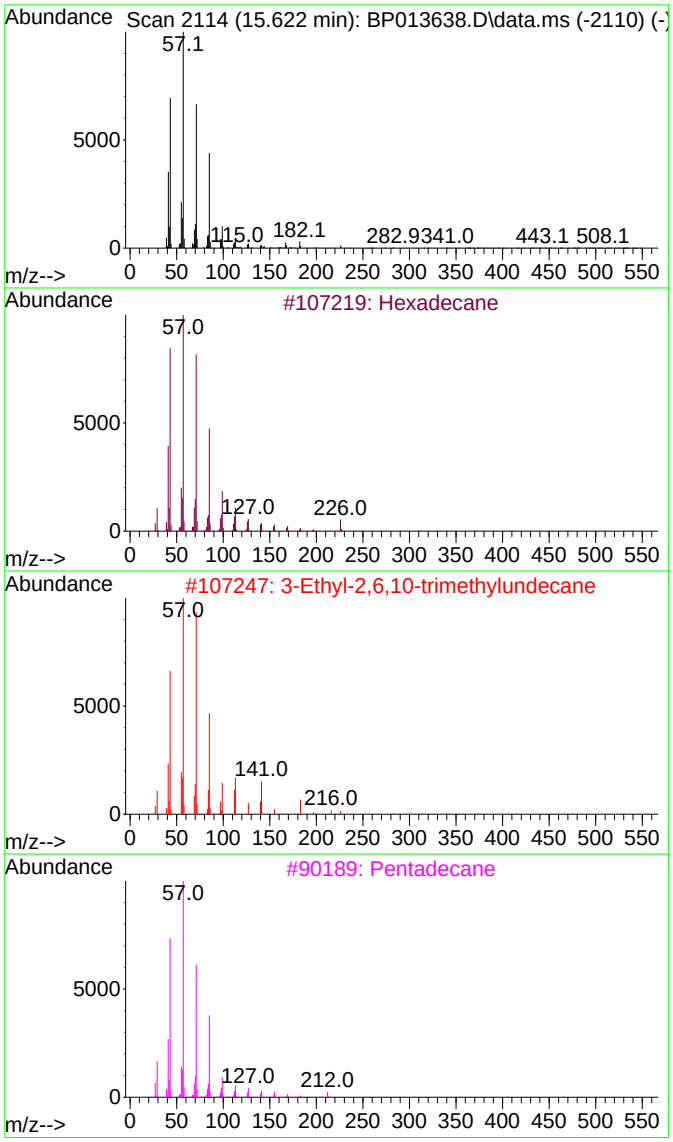
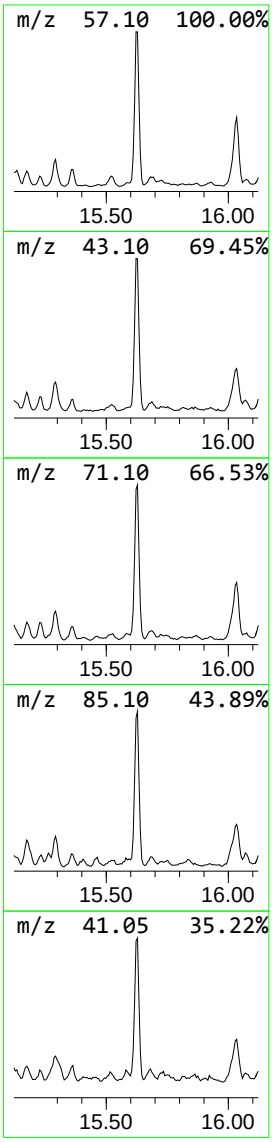
Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	13.83 ng	1283890	Acenaphthene-d10	14.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	83





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Acq On : 28 Jan 2023 02:48
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Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-1-26-2023

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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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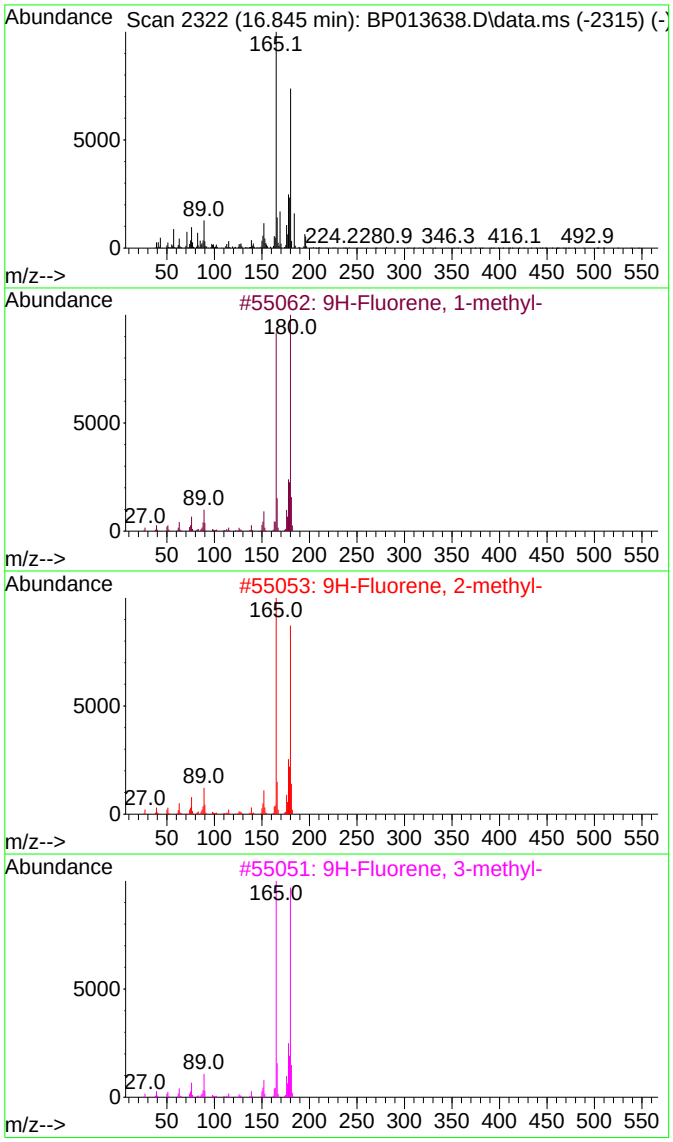
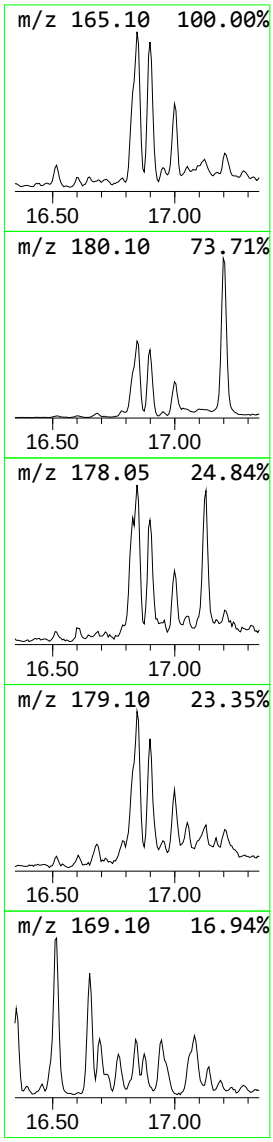
Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	12.20 ng	1326190	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64





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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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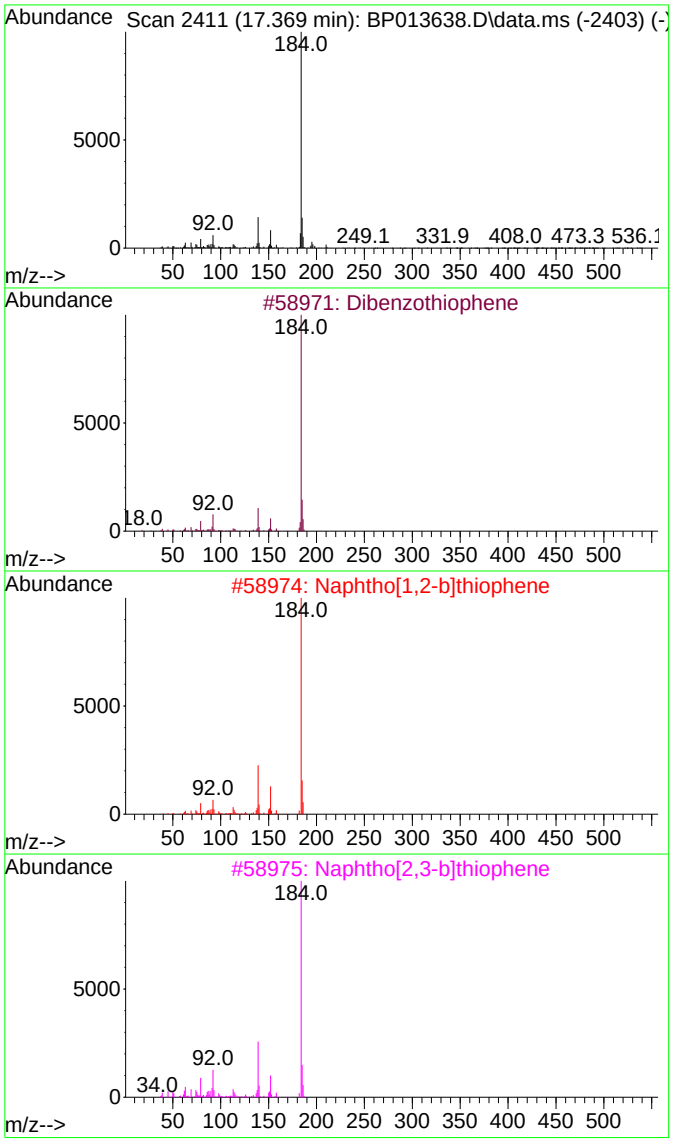
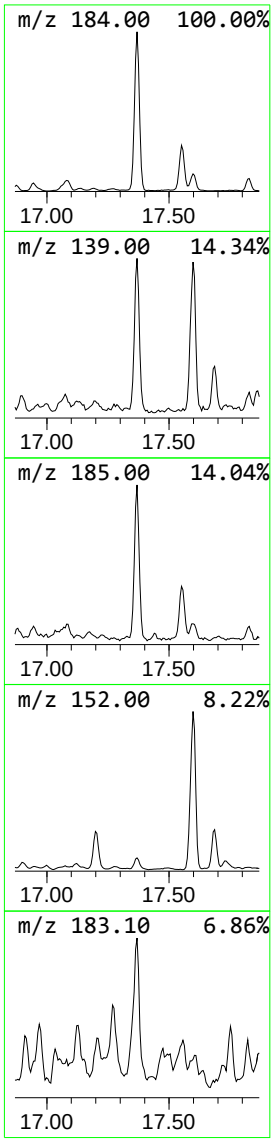
Peak Number 6 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.369	16.08 ng	1748040	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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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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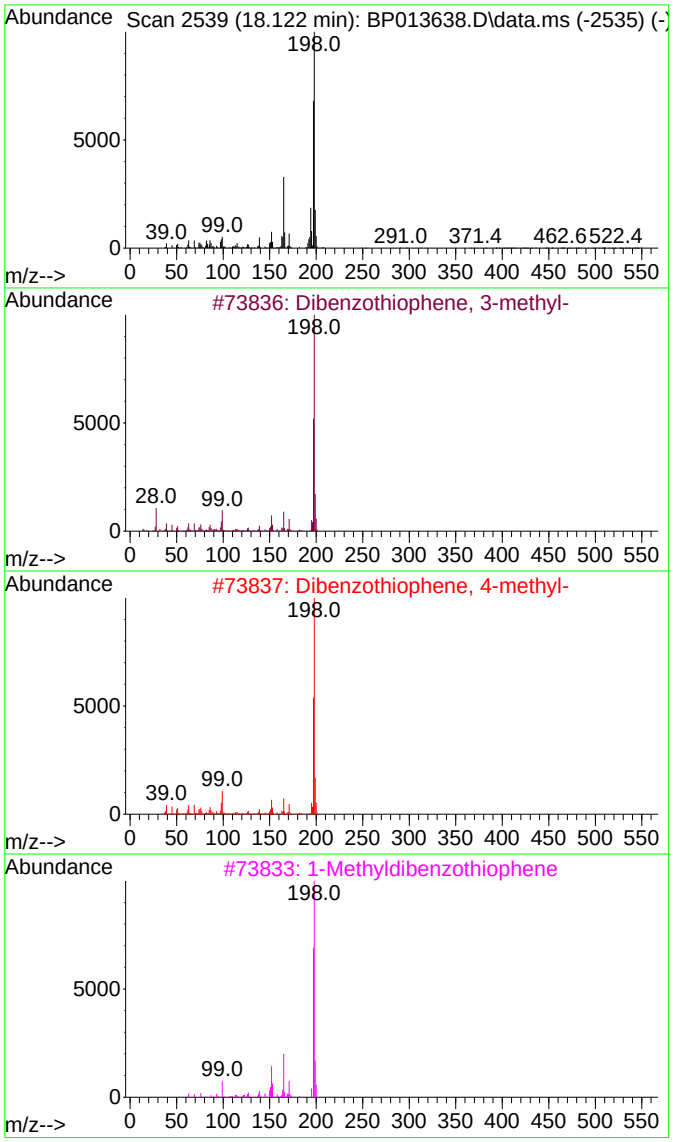
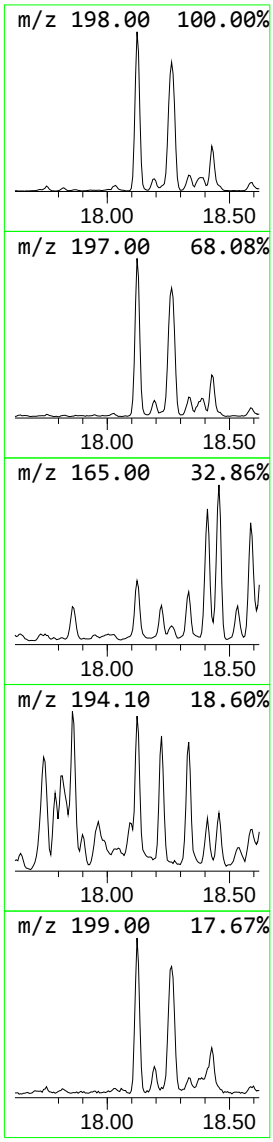
Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	13.37 ng	1453590	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	72
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	72
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64





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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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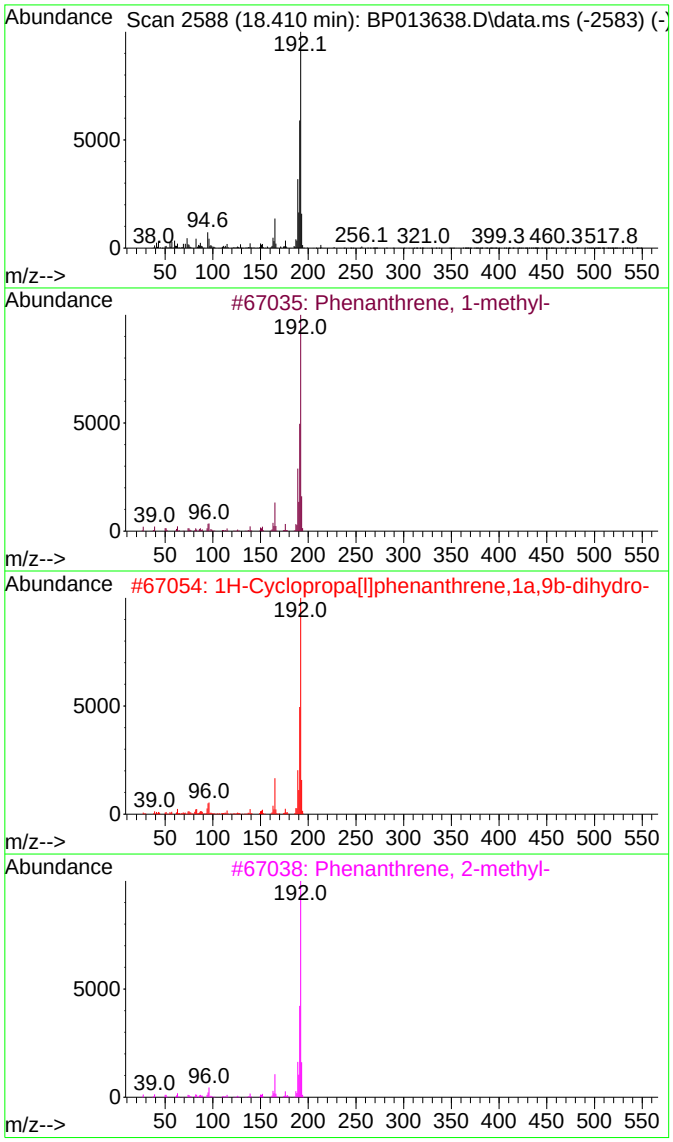
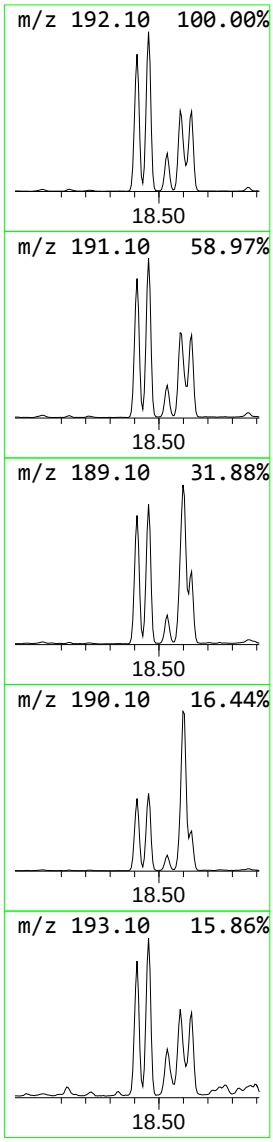
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	63.32 ng	6882440	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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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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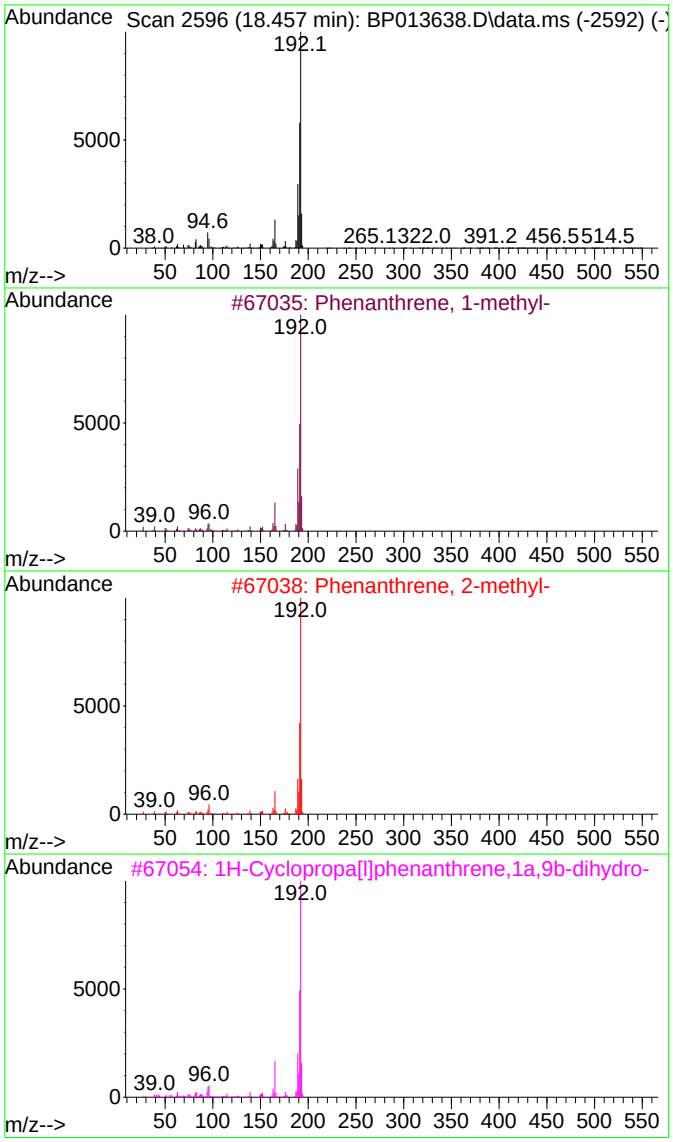
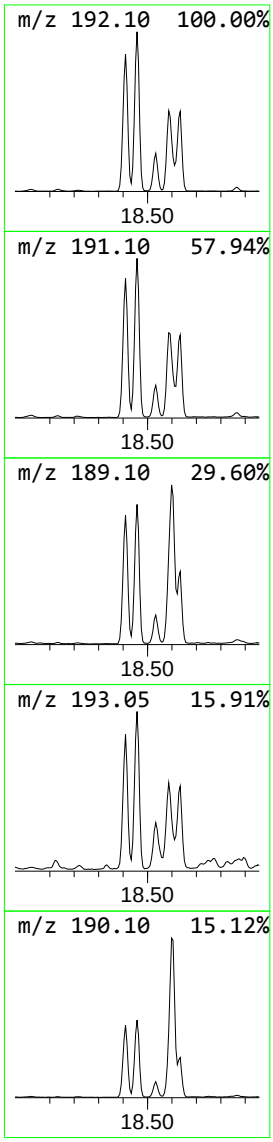
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	62.42 ng	6784970	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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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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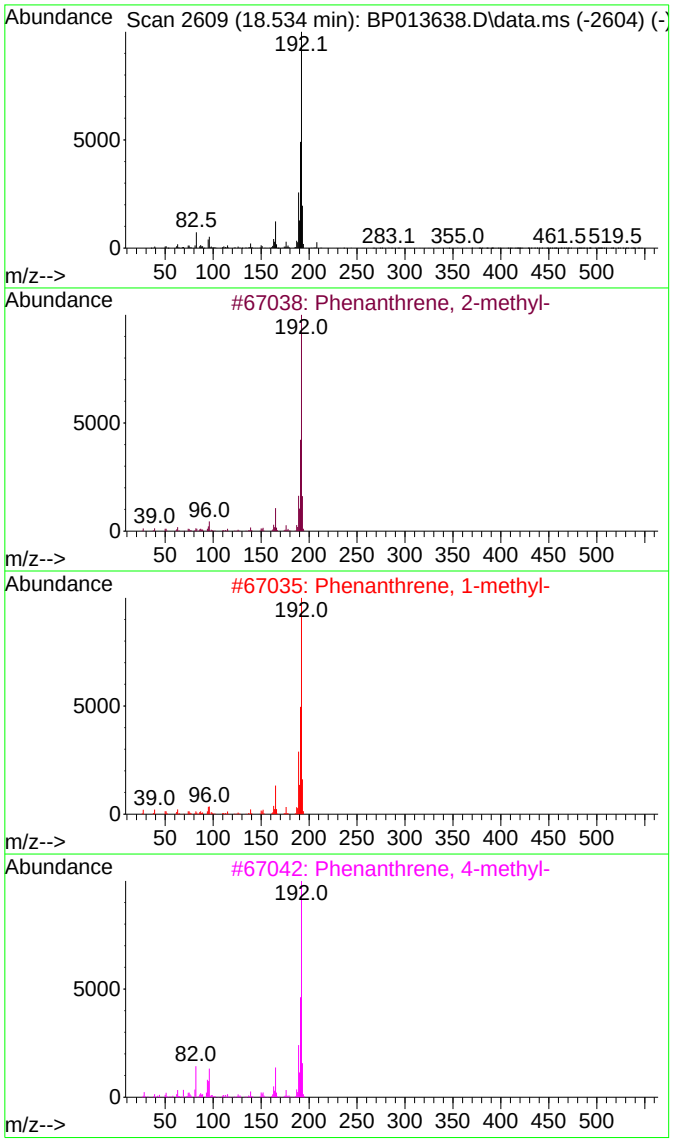
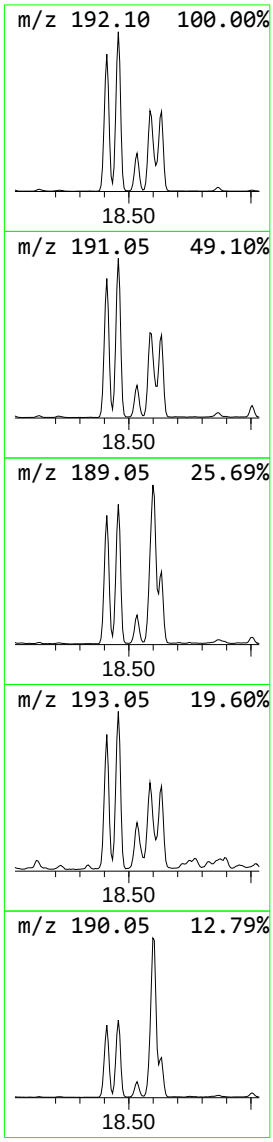
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	14.10 ng	1532200	Phenanthrene-d10	17.551

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	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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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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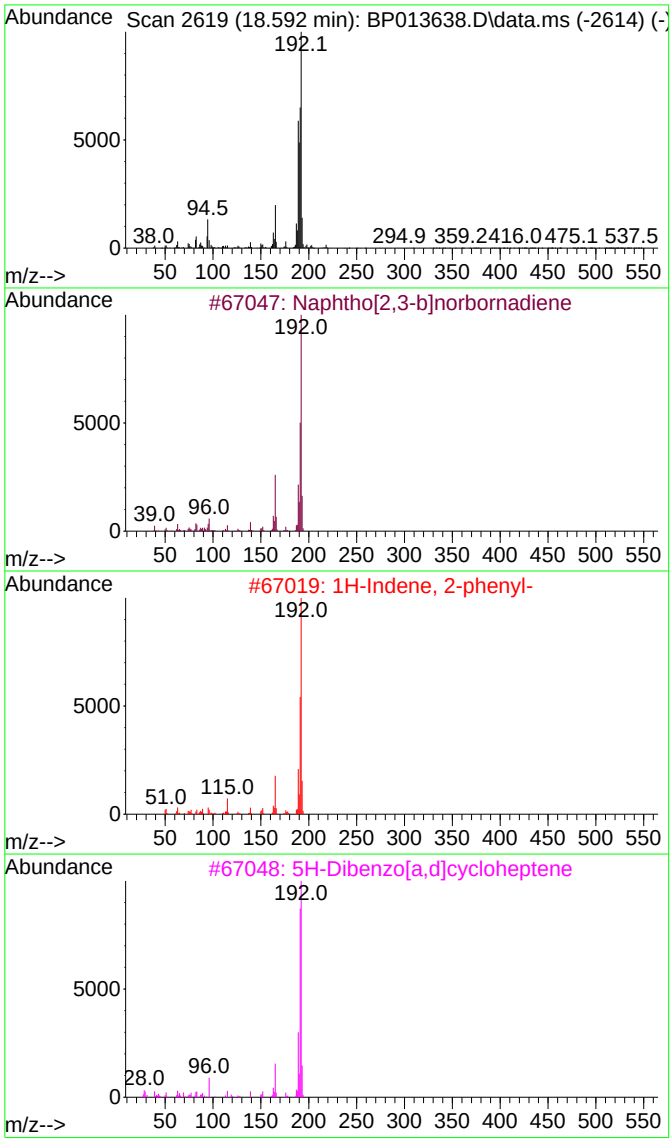
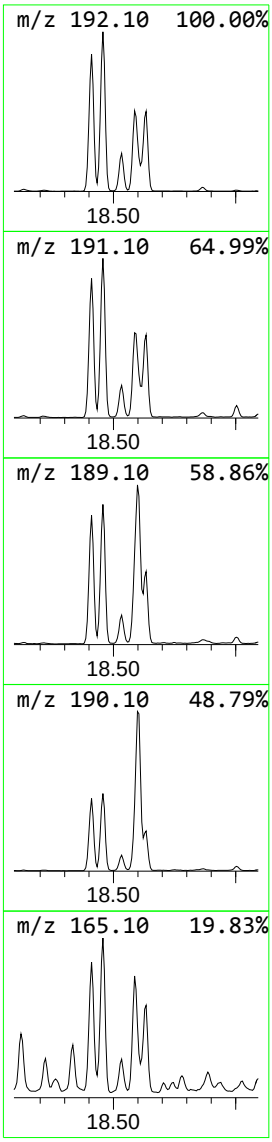
Peak Number 11 Naphtho[2,3-b]norbornadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	57.85 ng	6288010	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





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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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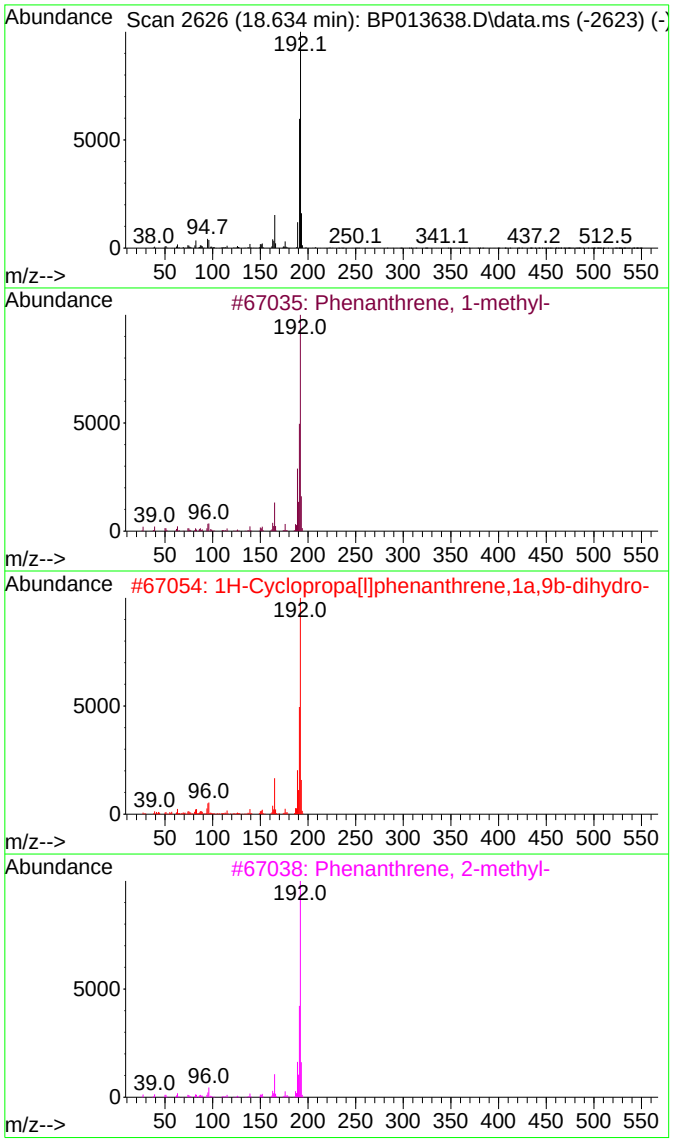
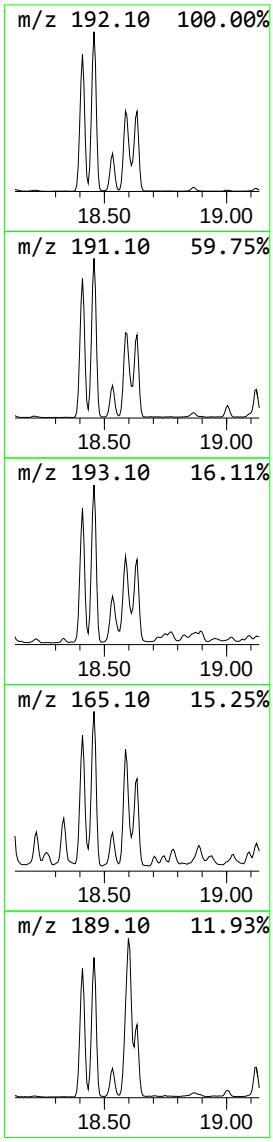
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	30.17 ng	3279700	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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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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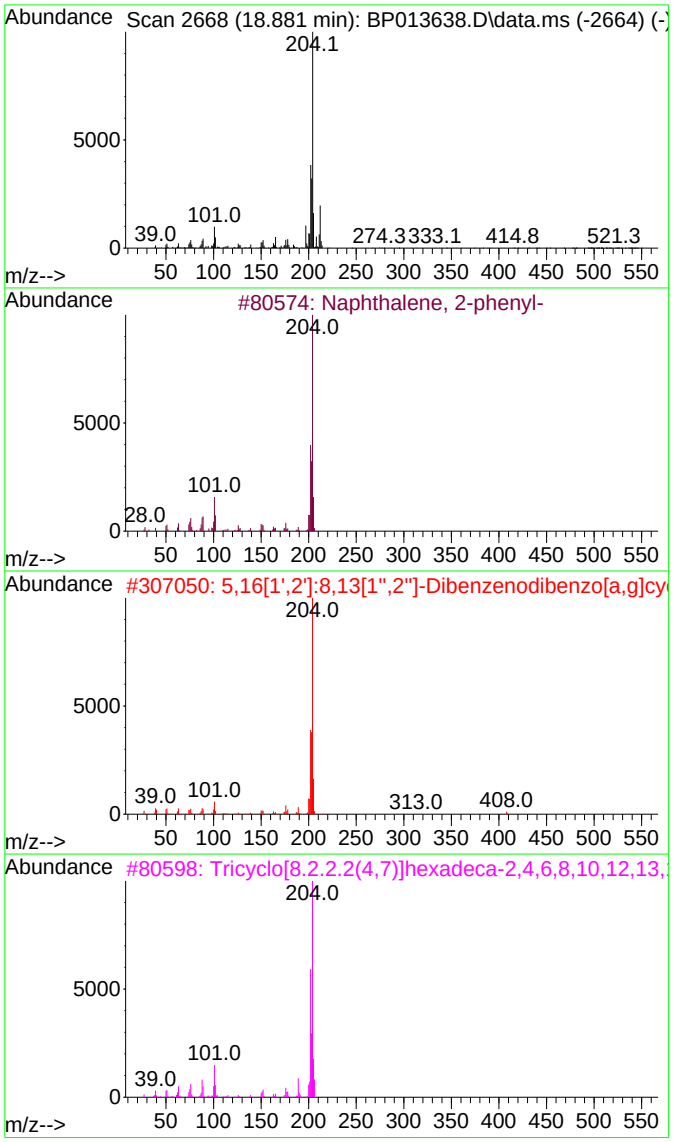
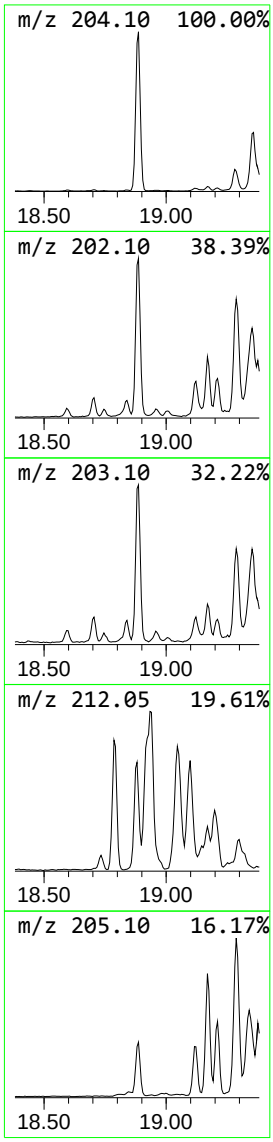
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	16.89 ng	1836430	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	46
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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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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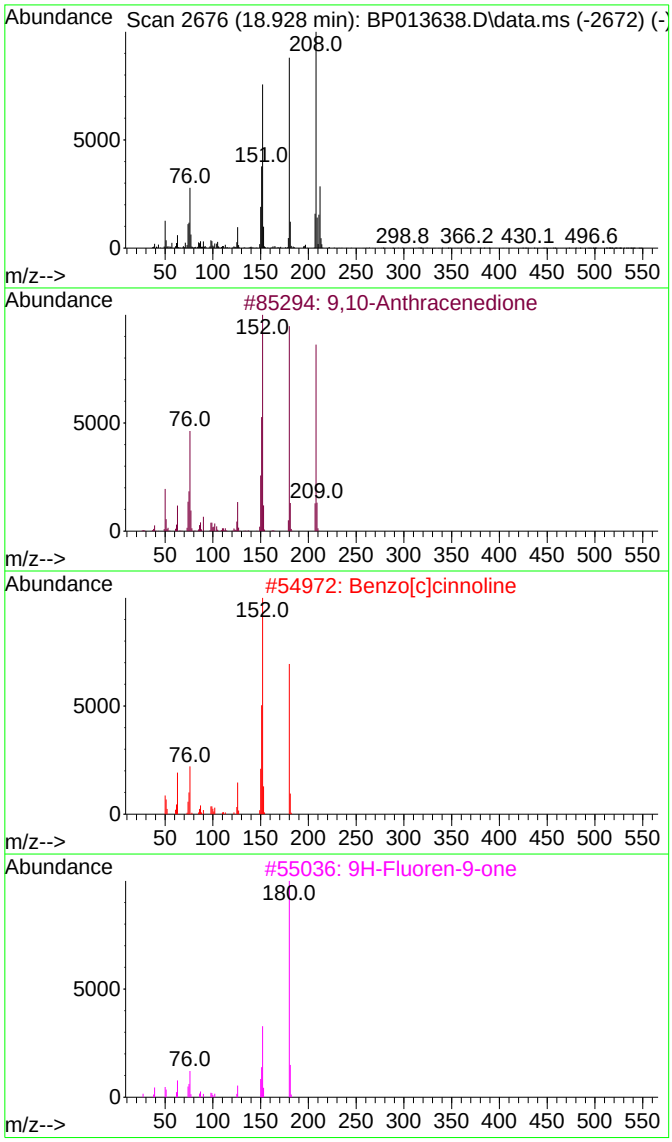
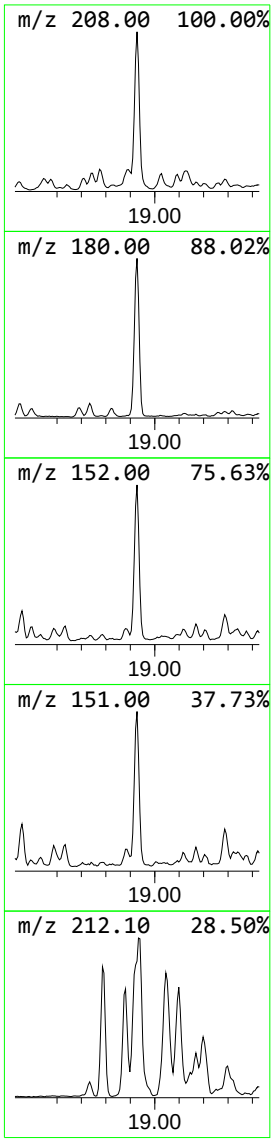
Peak Number 14 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	24.56 ng	2669540	Phenanthrene-d10	17.551

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	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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

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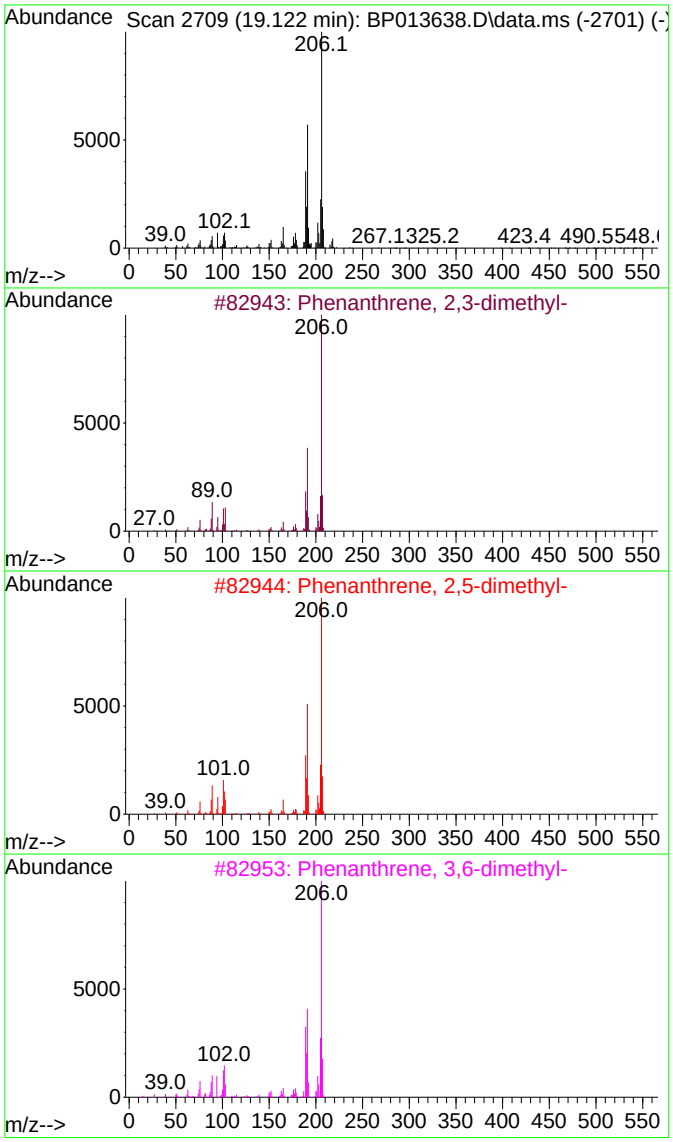
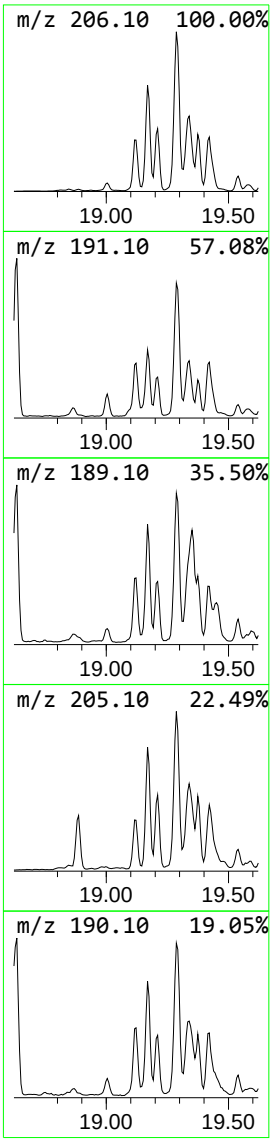
Peak Number 15 Phenanthrene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	20.04 ng	2178580	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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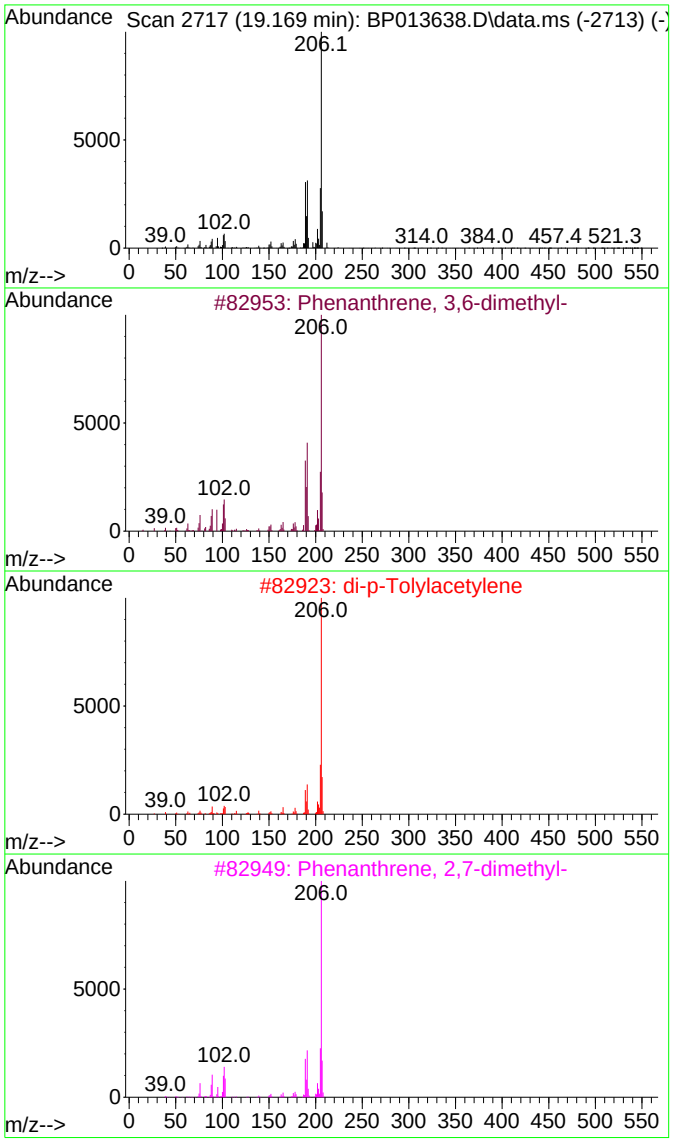
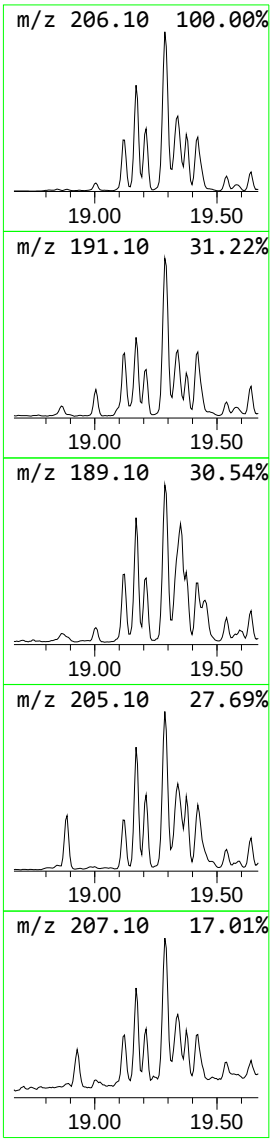
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	19.56 ng	2125860	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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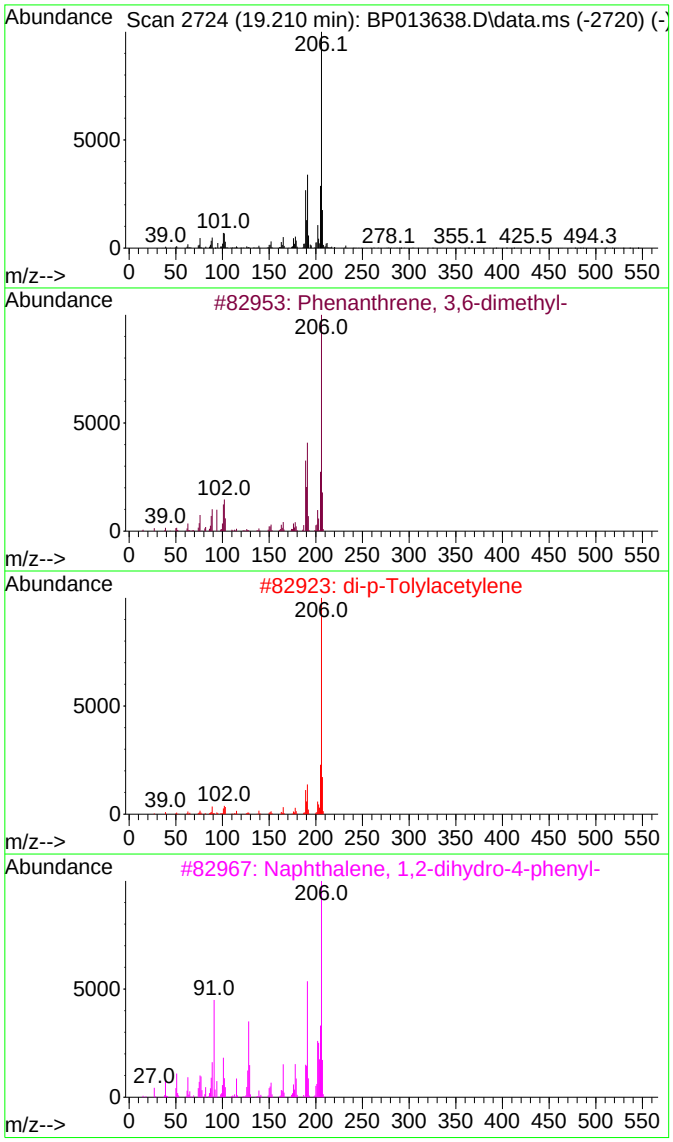
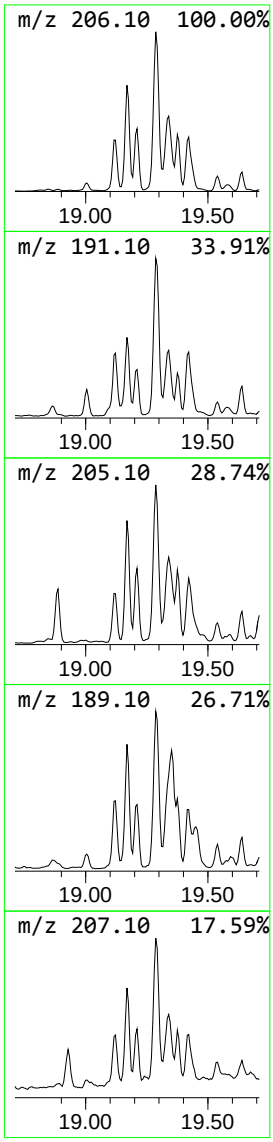
Peak Number 17 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	14.63 ng	1590320	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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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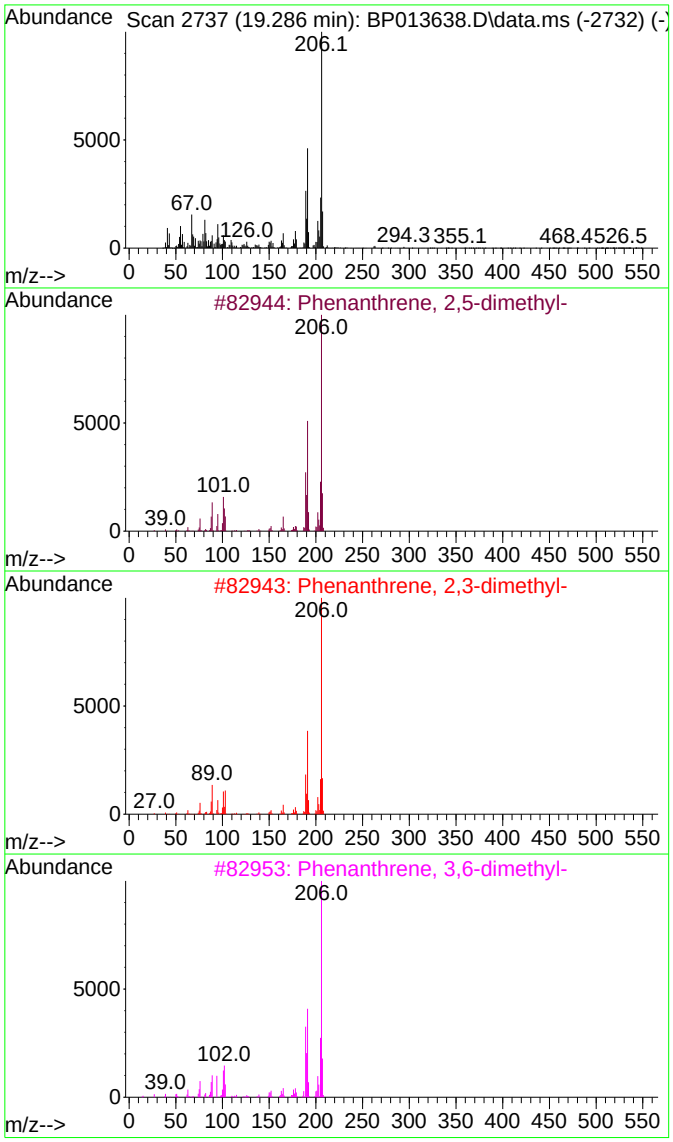
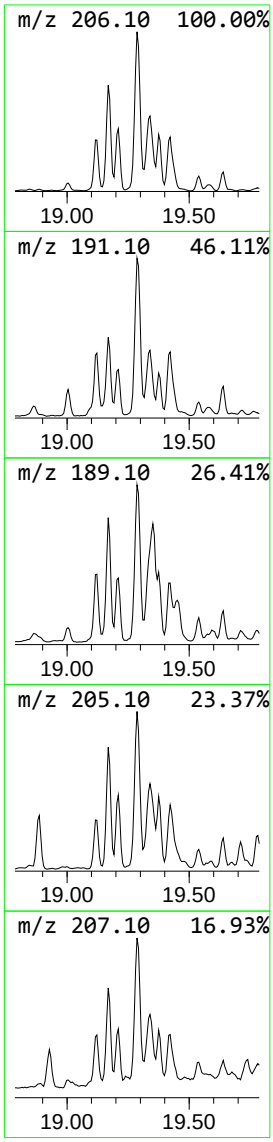
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.287	69.79 ng	7586240	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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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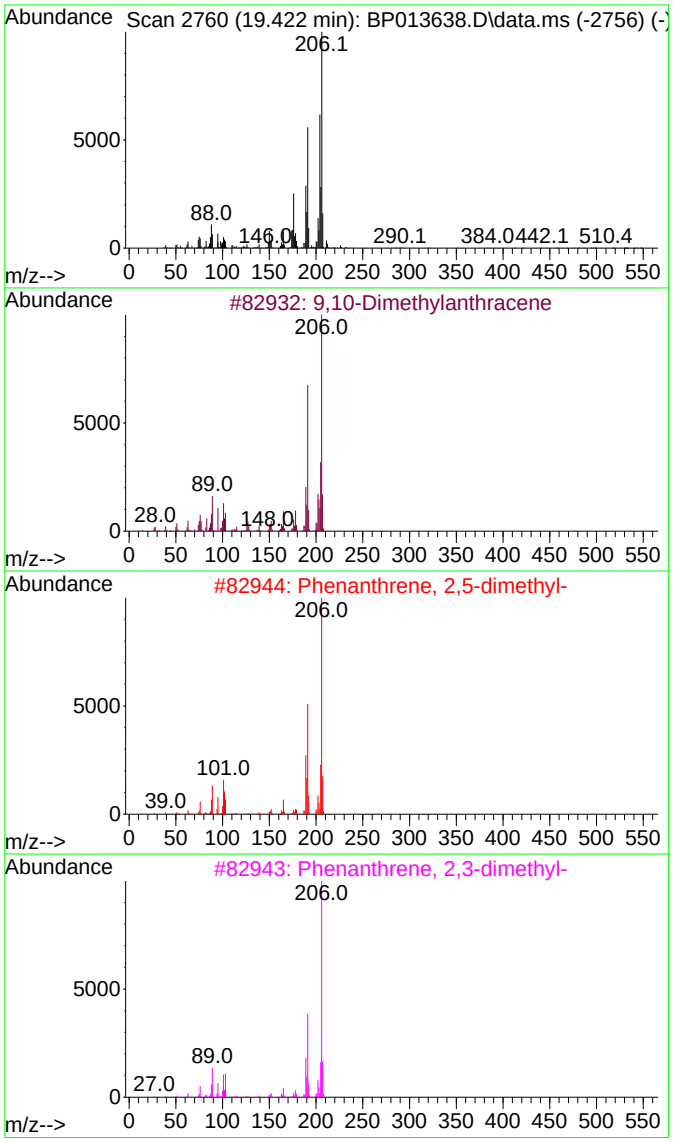
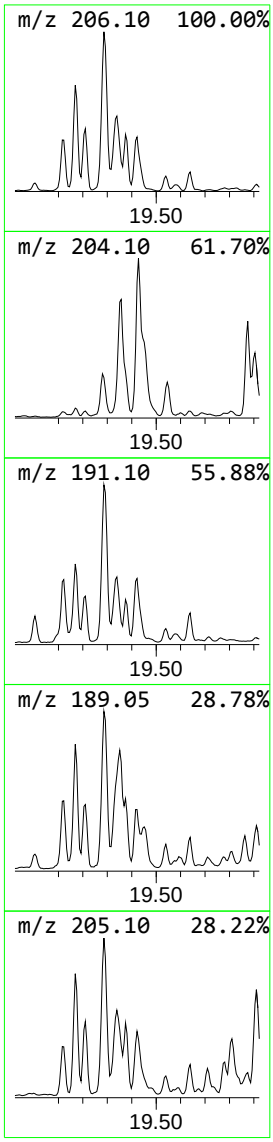
Peak Number 19 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	30.97 ng	3366180	Phenanthrene-d10	17.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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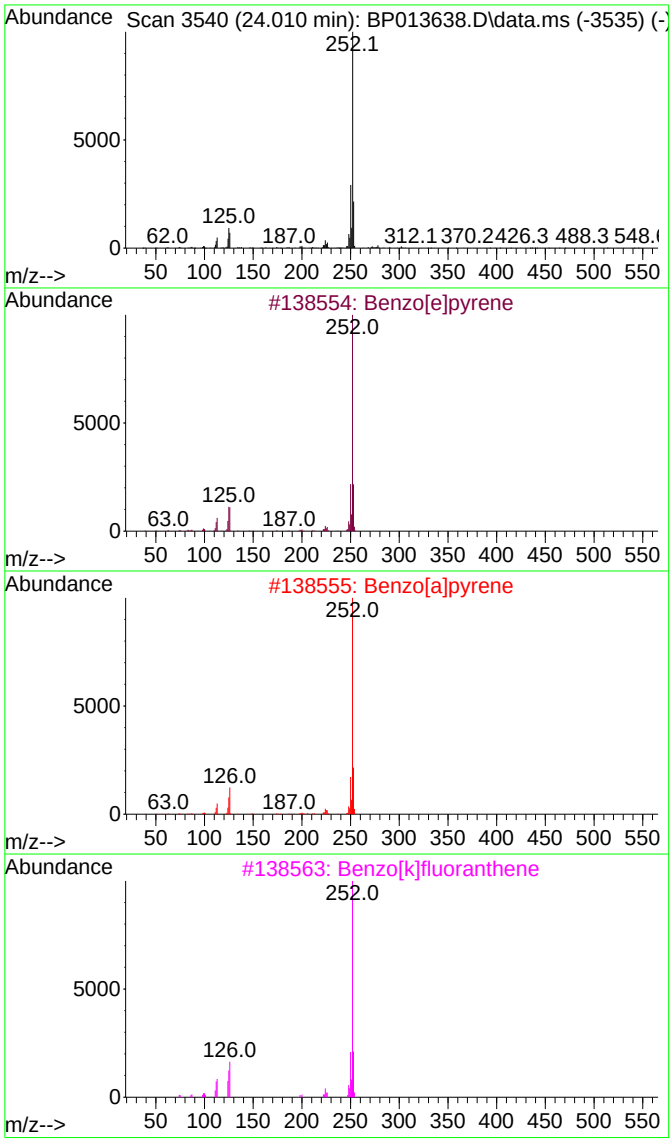
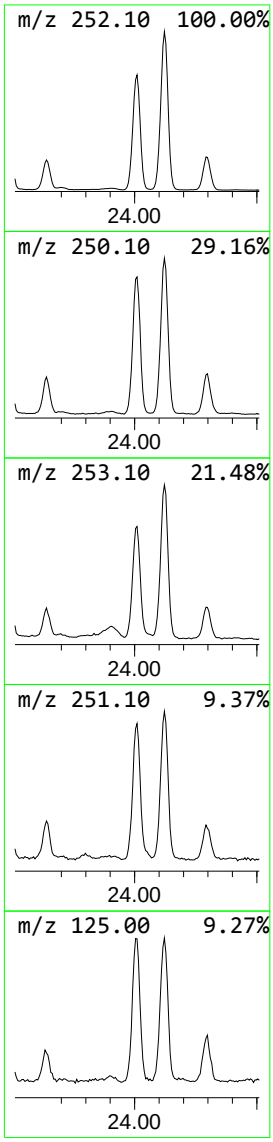
Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.010	12.58 ng	3342470	Perylene-d12	24.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013638.D
Acq On : 28 Jan 2023 02:48
Operator : CG/JU
Sample : 01322-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-1-26-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.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...	3.223	18.1	ng	1000880	1	8.158	1103110	20.0
2-Pentanone, 4-...	5.217	23.1	ng	1271450	1	8.158	1103110	20.0
Naphthalene, 2,...	14.116	17.3	ng	1602650	3	14.793	1857270	20.0
Hexadecane	15.622	13.8	ng	1283890	3	14.793	1857270	20.0
9H-Fluorene, 1-...	16.845	12.2	ng	1326190	4	17.551	2173960	20.0
Dibenzothiophene	17.369	16.1	ng	1748040	4	17.551	2173960	20.0
Dibenzothiophen...	18.122	13.4	ng	1453590	4	17.551	2173960	20.0
Phenanthrene, 1...	18.410	63.3	ng	6882440	4	17.551	2173960	20.0
Phenanthrene, 2...	18.457	62.4	ng	6784970	4	17.551	2173960	20.0
Phenanthrene, 4...	18.534	14.1	ng	1532200	4	17.551	2173960	20.0
Naphtho[2,3-b]n...	18.592	57.9	ng	6288010	4	17.551	2173960	20.0
1H-Cyclopropa[l...	18.634	30.2	ng	3279700	4	17.551	2173960	20.0
Naphthalene, 2-...	18.881	16.9	ng	1836430	4	17.551	2173960	20.0
9,10-Anthracene...	18.928	24.6	ng	2669540	4	17.551	2173960	20.0
Phenanthrene, 2...	19.122	20.0	ng	2178580	4	17.551	2173960	20.0
Phenanthrene, 3...	19.169	19.6	ng	2125860	4	17.551	2173960	20.0
di-p-Tolylacety...	19.210	14.6	ng	1590320	4	17.551	2173960	20.0
Phenanthrene, 2...	19.287	69.8	ng	7586240	4	17.551	2173960	20.0
9,10-Dimethylan...	19.422	31.0	ng	3366180	4	17.551	2173960	20.0
Benzo[e]pyrene	24.010	12.6	ng	3342470	6	24.239	5313080	20.0