LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.316	389	396	404	rBV	1562255	2580091	7.11%	0.489%
2	5.399	404	410	415	rVV	428833	783637	2.16%	0.148%
3	7.440	751	757	767	rVB	559265	1012249	2.79%	0.192%
4	7.787	809	816	830	rBV	1278401	2547041	7.02%	0.483%
5	8.163	873	880	888	rVB	1607502	2735377	7.54%	0.518%
6	8.322	904	907	916	rVV	670515	1212174	3.34%	0.230%
7	8.434	920	926	940	rVB	499458	949156	2.62%	0.180%
8	8.893	993	1004	1009	rBV	602385	1109471	3.06%	0.210%
9	8.969	1009	1017	1028	rVB2	374200	1046721	2.88%	0.198%
10	9.834	1159	1164	1176	rVB	620754	1226608	3.38%	0.232%
11	9.993	1184	1191	1200	rBV4	584261	1643681	4.53%	0.311%
12	10.081	1200	1206	1218	rVB3	298912	862946	2.38%	0.164%
13	10.581	1280	1291	1295	rBV	1675074	3558672	9.81%	0.674%
14	10.634	1295	1300	1308	rVB	9213820	17177841	47.34%	3.255%
15	11.781	1491	1495	1508	rVB3	347011	834366	2.30%	0.158%
16	12.145	1552	1557	1566	rVB2	374639	762692	2.10%	0.145%
17	12.251	1567	1575	1584	rVB	1886776	3319586	9.15%	0.629%
18	12.469	1601	1612	1623	rBV	8242786	15470720	42.63%	2.932%
19	13.051	1706	1711	1718	rVB	668748	1098194	3.03%	0.208%
20	13.269	1742	1748	1755	rVB2	551537	930057	2.56%	0.176%
21	13.463	1775	1781	1793	rVB	2680009	6050192	16.67%	1.146%
22	13.610	1796	1806	1813	rBV3	3167314	8325068	22.94%	1.578%
23	13.757	1824	1831	1836	rVV	4710025	8871659	24.45%	1.681%
24	13.810	1836	1840	1850	rVV	2596307	4597639	12.67%	0.871%
25	13.992	1864	1871	1875	rBV	2267908	3848378	10.61%	0.729%
26	14.157	1889	1899	1914	rVB	2406790	4210254	11.60%	0.798%
27	14.434	1936	1946	1951	rBV2	2309787	5197353	14.32%	0.985%
28	14.498	1951	1957	1966	rVV	9384524	16574851	45.68%	3.141%
29	14.651	1976	1983	1992	rBV	1664690	4014255	11.06%	0.761%
30	14.734	1992	1997	2004	rBV3	479280	923566	2.55%	0.175%
31	14.839	2004	2015	2022	rVB2	1897182	4189410	11.54%	0.794%
32	14.916	2022	2028	2034	rVB	1368231	1999949	5.51%	0.379%
33	15.057	2044	2052	2057	rBV2	1062824	2117859	5.84%	0.401%
34	15.110	2057	2061	2065	rVB	767970	1051693	2.90%	0.199%
35	15.228	2073	2081	2084	rBV	800136	1838149	5.07%	0.348%
36	15.263	2084	2087	2092	rVB2	517301	764179	2.11%	0.145%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.410	2102	2112	2114	rBV5	424495	1255088	3.46%	0.238%
38	15.486	2120	2125	2137	rVV	4646744	7615584	20.99%	1.443%
39	15.586	2137	2142	2144	rVV2	1388074	2149548	5.92%	0.407%
40	15.616	2144	2147	2150	rVV2	1506636	2261752	6.23%	0.429%
41	15.651	2150	2153	2157	rVV3	1081561	1710471	4.71%	0.324%
42	15.704	2157	2162	2165	rVV3	1407565	2496353	6.88%	0.473%
43	15.739	2165	2168	2172	rVV	897660	1406127	3.87%	0.266%
44	15.786	2172	2176	2187	rVV3	891369	2220280	6.12%	0.421%
45	15.904	2191	2196	2198	rVV	896637	1340302	3.69%	0.254%
46	15.934	2198	2201	2209	rVV2	1092591	2156655	5.94%	0.409%
47	16.175	2237	2242	2251	rVB3	558572	1202457	3.31%	0.228%
48	16.498	2290	2297	2302	rBV2	1217401	2687429	7.41%	0.509%
49	16.551	2302	2306	2312	rVB2	900589	1326632	3.66%	0.251%
50	16.651	2318	2323	2329	rVB2	791994	1302568	3.59%	0.247%
51	16.857	2355	2358	2365	rVB2	625120	1021642	2.82%	0.194%
52	16.933	2367	2371	2378	rVV4	387832	840306	2.32%	0.159%
53	17.016	2379	2385	2395	rVB	2979598	4924686	13.57%	0.933%
54	17.198	2410	2416	2419	rBV	2395667	4062996	11.20%	0.770%
55	17.245	2419	2424	2431	rVV	17737122	28395890	78.25%	5.381%
56	17.333	2433	2439	2445	rVV	6513344	9426724	25.98%	1.786%
57	17.398	2445	2450	2455	rVV2	551126	1070635	2.95%	0.203%
58	17.722	2501	2505	2510	rBV	711370	979169	2.70%	0.186%
59	17.786	2511	2516	2525	rVB2	1284521	2098753	5.78%	0.398%
60	17.928	2534	2540	2547	rVB	1008477	1976372	5.45%	0.375%
61	18.075	2559	2565	2569	rVV	4028285	6271505	17.28%	1.188%
62	18.122	2569	2573	2581	rVB	4388146	6432045	17.72%	1.219%
63	18.198	2581	2586	2591	rBV	2146100	3294237	9.08%	0.624%
64	18.263	2591	2597	2601	rVV2	5390233	10236608	28.21%	1.940%
65	18.298	2601	2603	2611	rVB	2554526	3307844	9.12%	0.627%
66	18.563	2643	2648	2652	rBV	2446760	3315924	9.14%	0.628%
67	18.804	2685	2689	2693	rVV2	892632	1398990	3.86%	0.265%
68	18.851	2693	2697	2700	rVV	910603	1292778	3.56%	0.245%
69	18.886	2700	2703	2707	rVB2	713441	972112	2.68%	0.184%
70	18.969	2712	2717	2721	rBV	2219515	3728996	10.28%	0.707%
71	19.027	2722	2727	2731	rBV3	997499	1799538	4.96%	0.341%
72	19.104	2736	2740	2742	rBV	597605	889367	2.45%	0.169%
73	19.227	2755	2761	2766	rBV	18503993	26786803	73.82%	5.076%
74	19.286	2766	2771	2775	rVV2	2301354	3344549	9.22%	0.634%
75	19.369	2781	2785	2790	rVV	1966393	2868264	7.90%	0.544%
76	19.463	2796	2801	2804	rBV	1098545	1821139	5.02%	0.345%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.586	2811	2822	2829	rBV	17554990	36288169	100.00%	6.876%
78	19.657	2829	2834	2840	rVB3	1383207	3015616	8.31%	0.571%
79	19.904	2870	2876	2883	rBV3	1443564	3229329	8.90%	0.612%
80	20.033	2893	2898	2899	rBV2	1214761	1733136	4.78%	0.328%
81	20.063	2899	2903	2909	rVB2	4084946	6381654	17.59%	1.209%
82	20.163	2916	2920	2924	rBV	3970359	5210105	14.36%	0.987%
83	20.222	2925	2930	2934	rVV2	2128368	3097587	8.54%	0.587%
84	20.357	2949	2953	2957	rBV	1349179	1755762	4.84%	0.333%
85	20.404	2957	2961	2965	rVB2	1573841	2210501	6.09%	0.419%
86	20.963	3053	3056	3059	rBV	1399381	1856216	5.12%	0.352%
87	21.004	3059	3063	3066	rBV	1715850	2206848	6.08%	0.418%
88	21.086	3066	3077	3081	rBV4	5944899	22121032	60.96%	4.192%
89	21.157	3081	3089	3091	rBV	9826796	20318041	55.99%	3.850%
90	21.304	3109	3114	3119	rBV2	12559492	22571440	62.20%	4.277%
91	21.357	3119	3123	3132	rVB	9999514	15037414	41.44%	2.850%
92	21.474	3139	3143	3150	rBV	2719224	3933207	10.84%	0.745%
93	21.892	3211	3214	3219	rVB	1685120	2442203	6.73%	0.463%
94	22.998	3395	3402	3407	rBV	7310433	19118248	52.68%	3.623%
95	23.180	3428	3433	3440	rVB	2129291	3921954	10.81%	0.743%
96	23.515	3484	3490	3500	rVB	4729306	10969787	30.23%	2.079%
97	23.627	3501	3509	3516	rBV	8546035	17835830	49.15%	3.380%
98	23.727	3521	3526	3530	rVV2	2383311	5160914	14.22%	0.978%
99	23.780	3531	3535	3544	rVB2	2343477	4996071	13.77%	0.947%
100	26.239	3944	3953	3965	rVB2	3905410	13179448	36.32%	2.497%

Sum of corrected areas: 527715364

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
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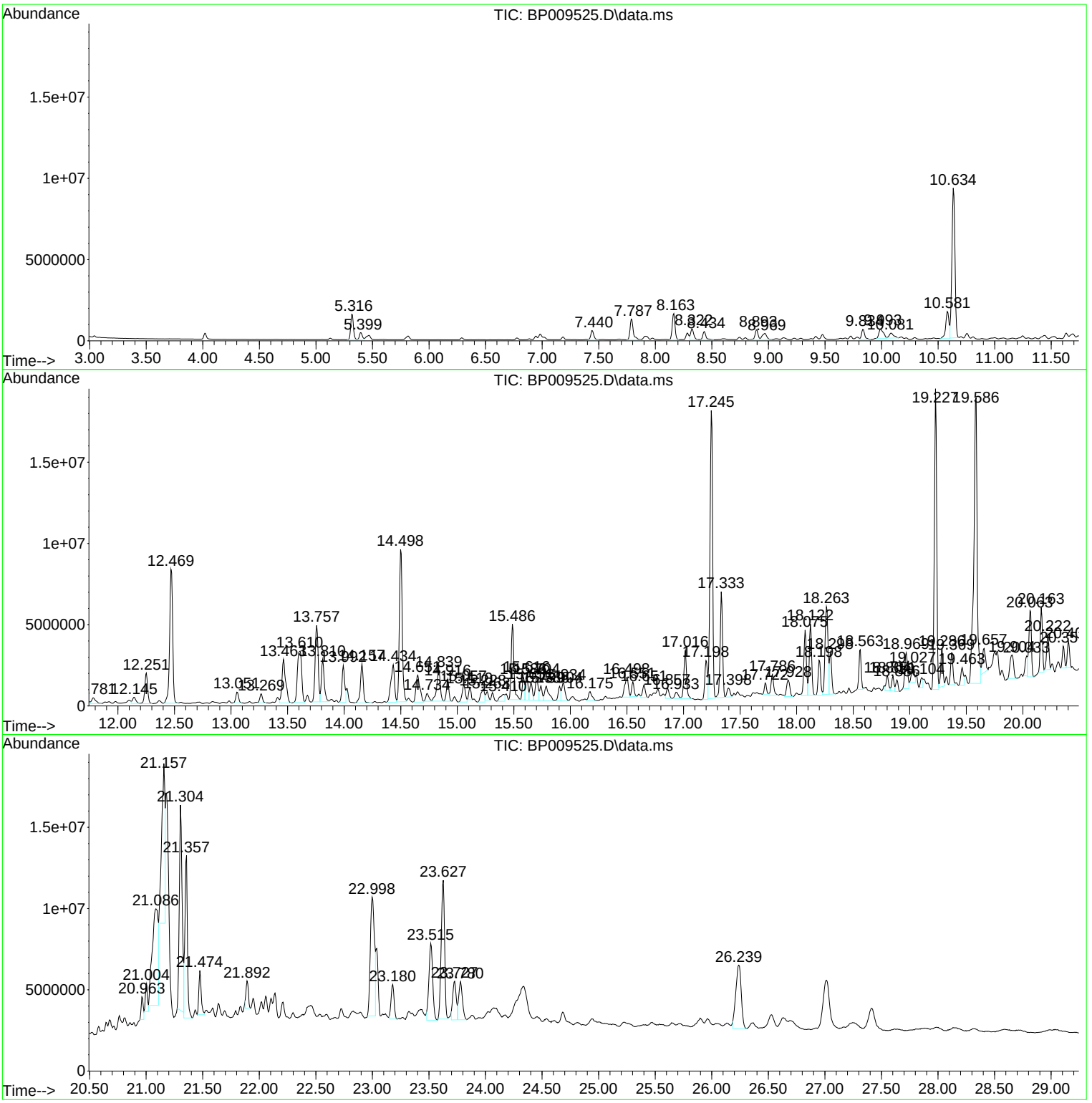
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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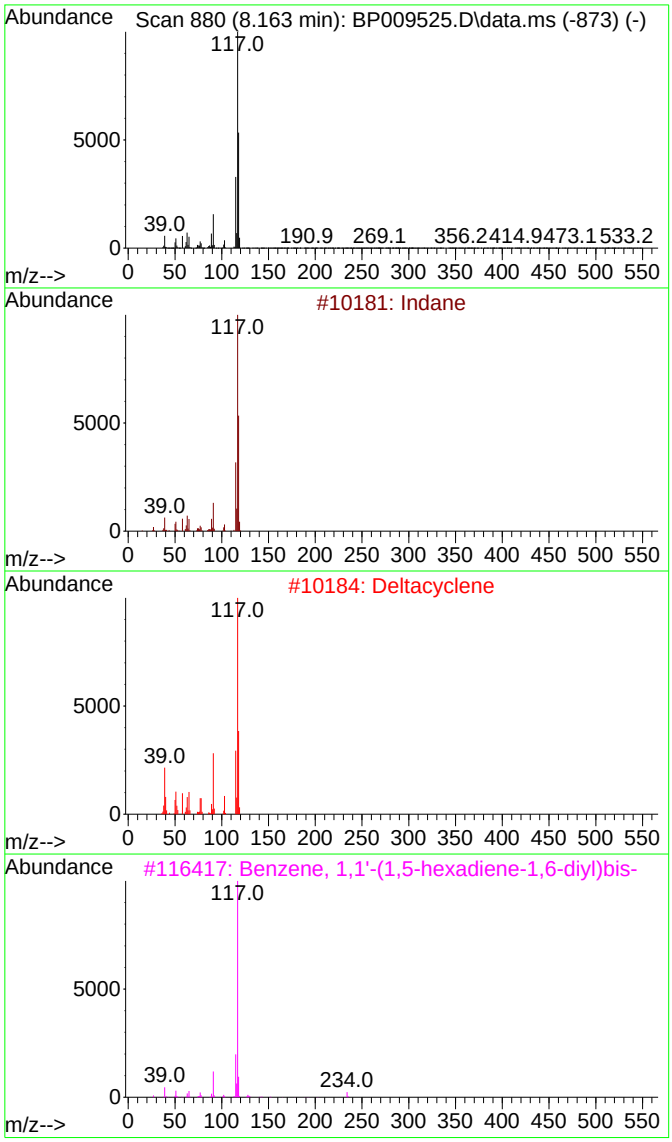
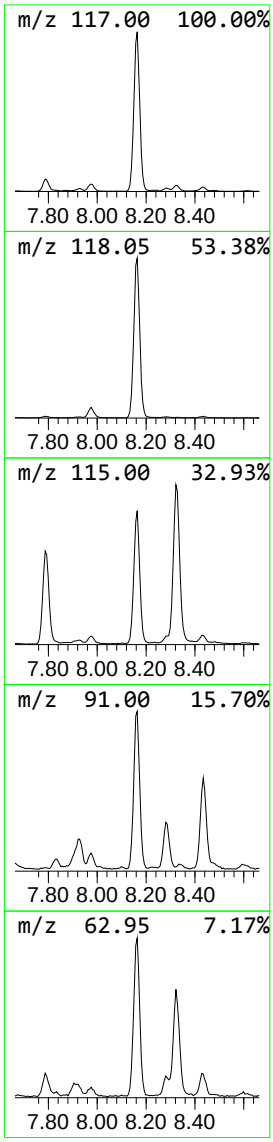
Peak Number 2 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	21.48 ng	2735380	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Deltacyclene	118	C9H10	007785-10-6	74
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
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Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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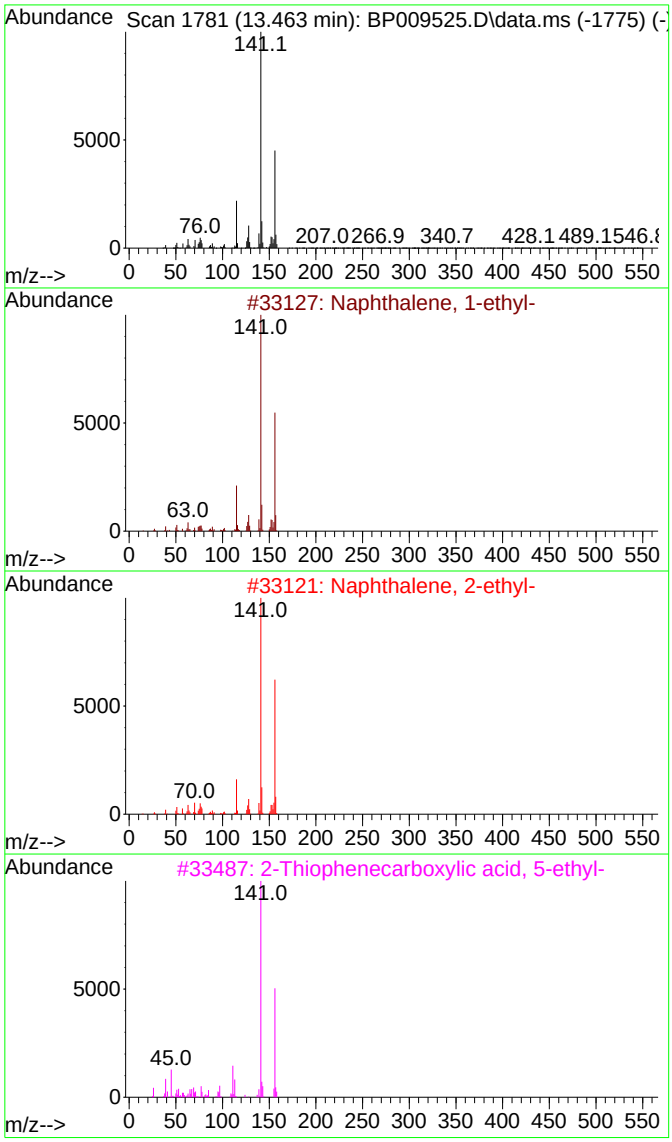
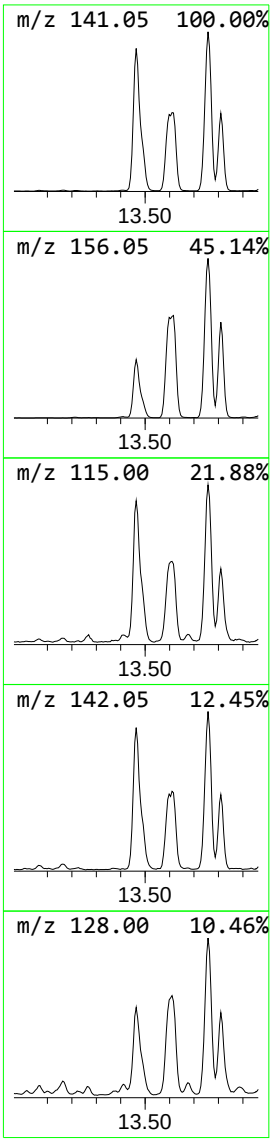
Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	23.28 ng	6050190	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
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Acq On : 24 Mar 2022 01:56
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Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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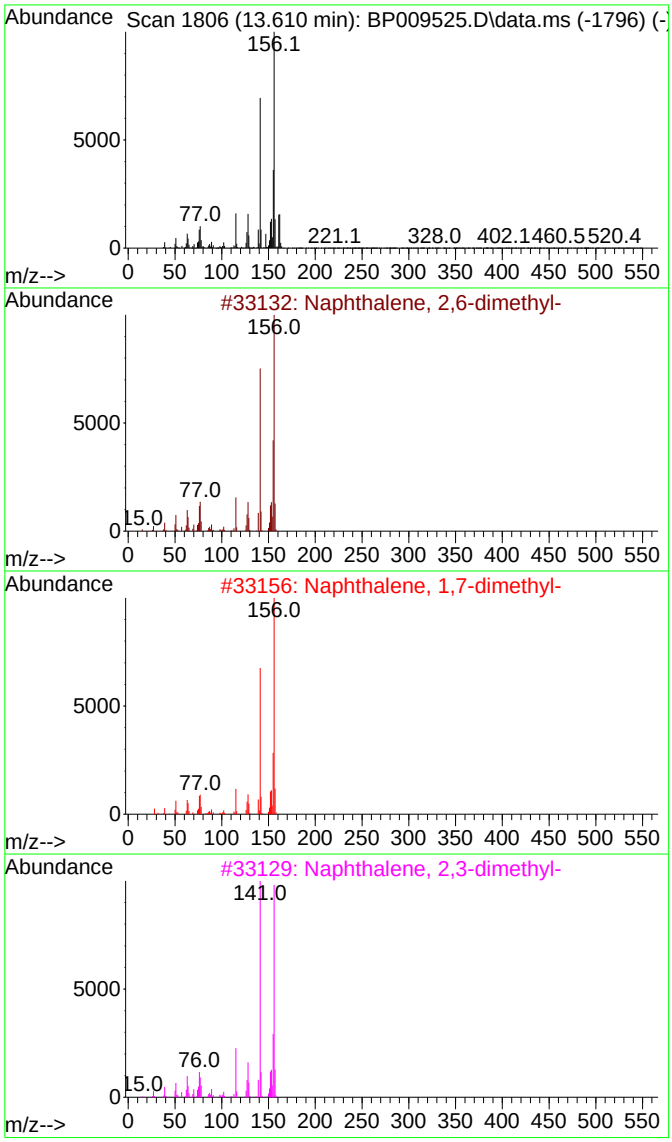
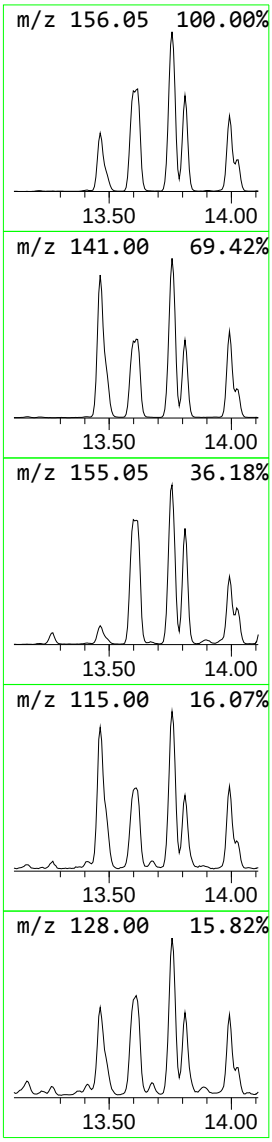
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	32.04 ng	8325070	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

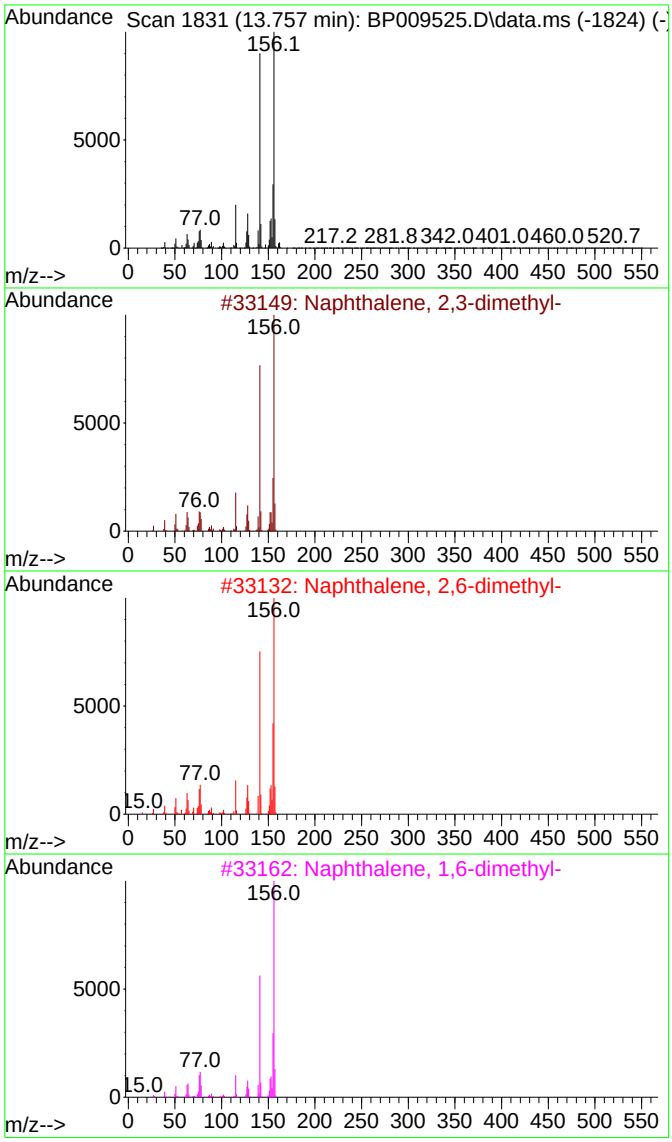
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

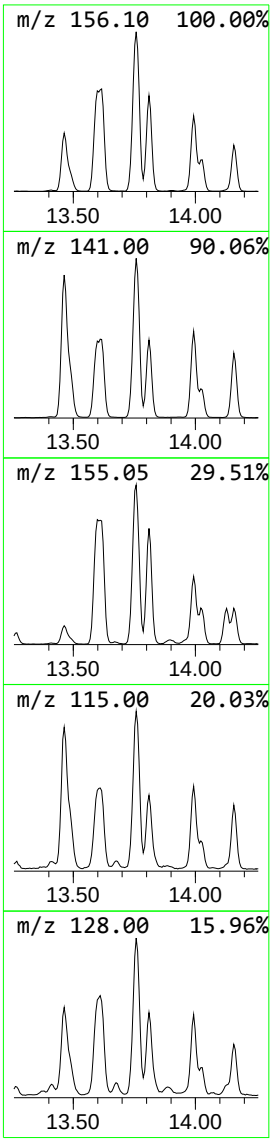
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	34.14 ng	8871660	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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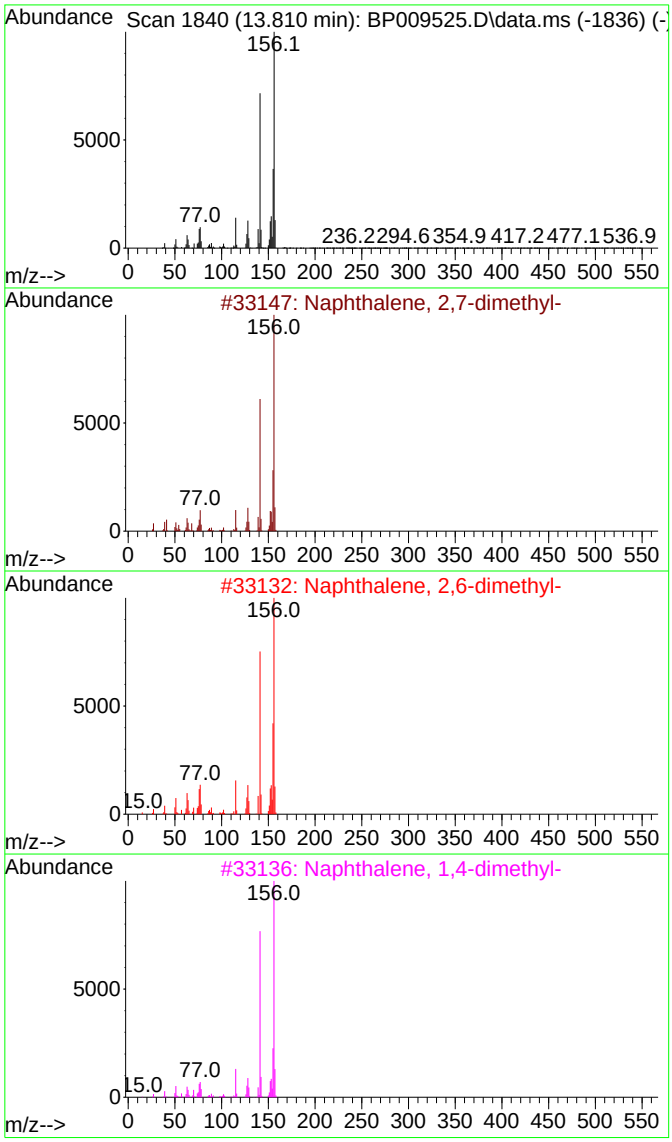
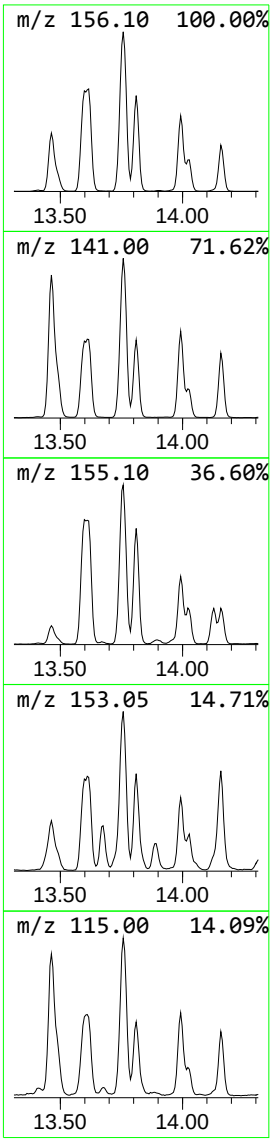
Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	17.69 ng	4597640	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12-20220315-16.0-17.0-A

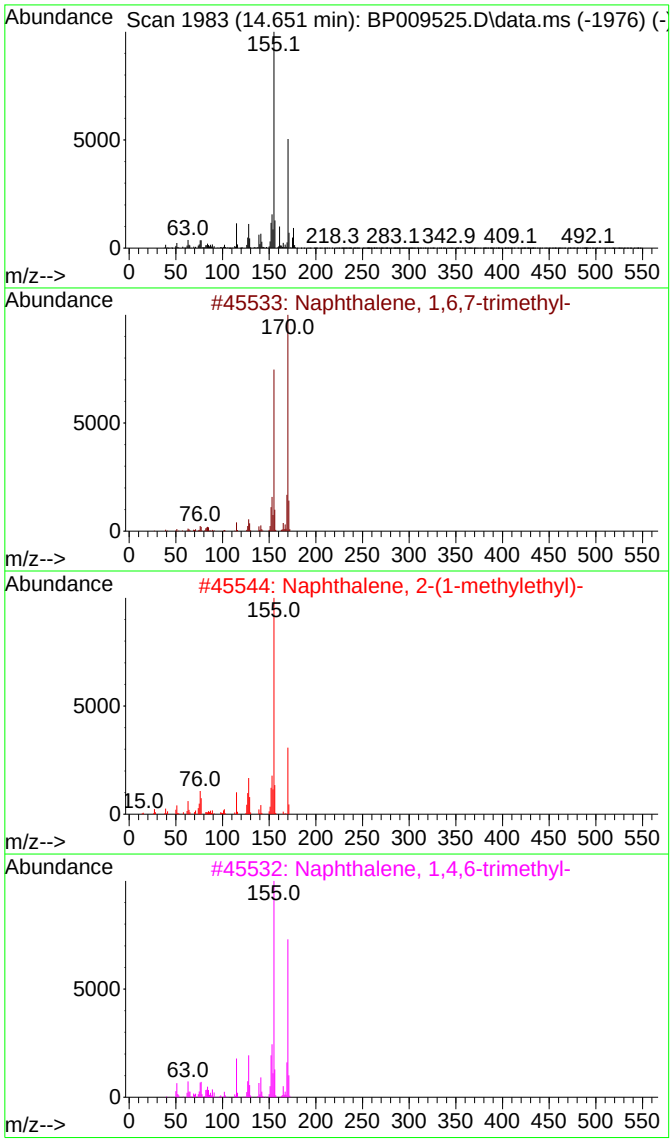
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

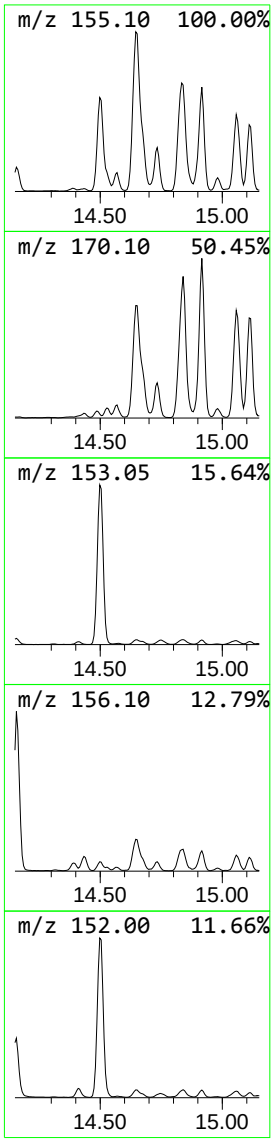
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	15.45 ng	4014260	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64





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Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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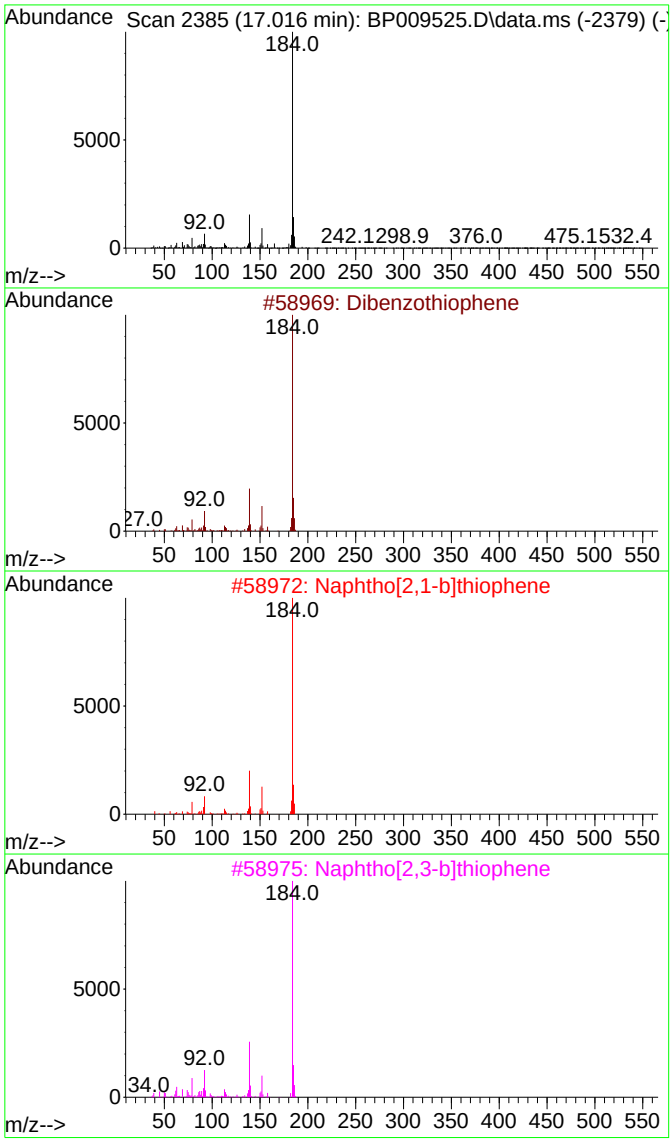
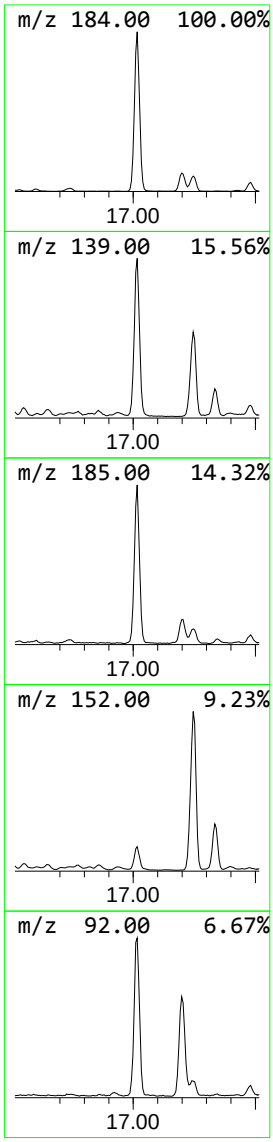
Peak Number 8 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.016	24.24 ng	4924690	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	96
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





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

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

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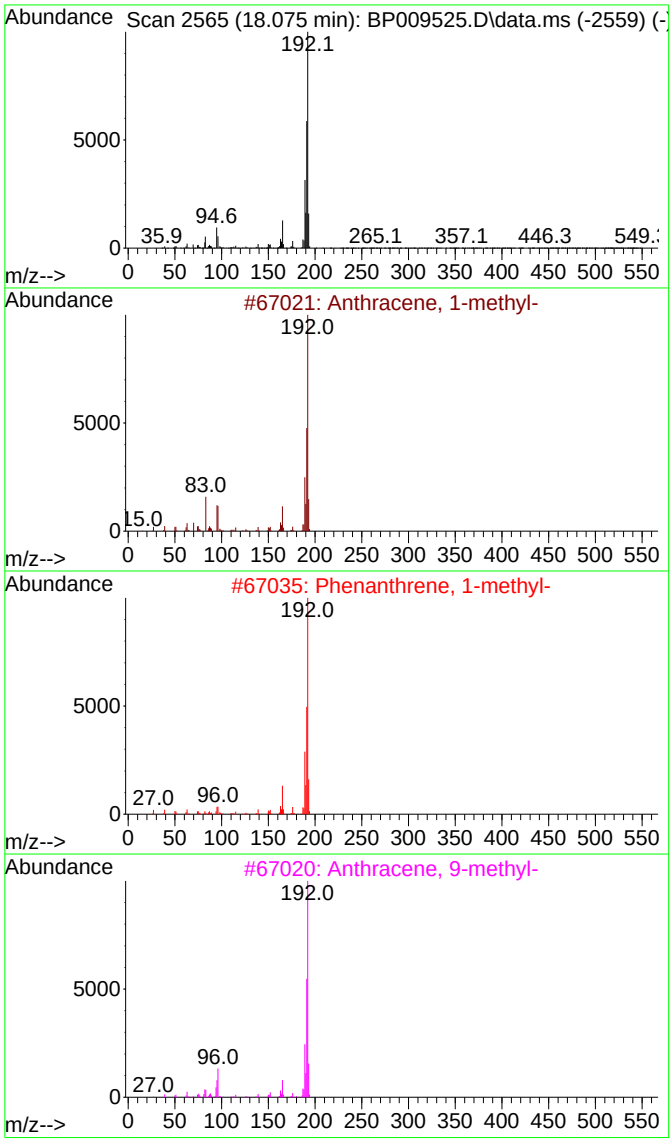
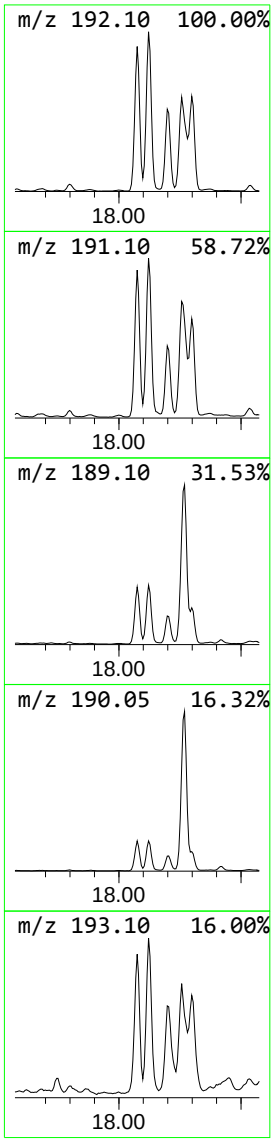
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	30.87 ng	6271510	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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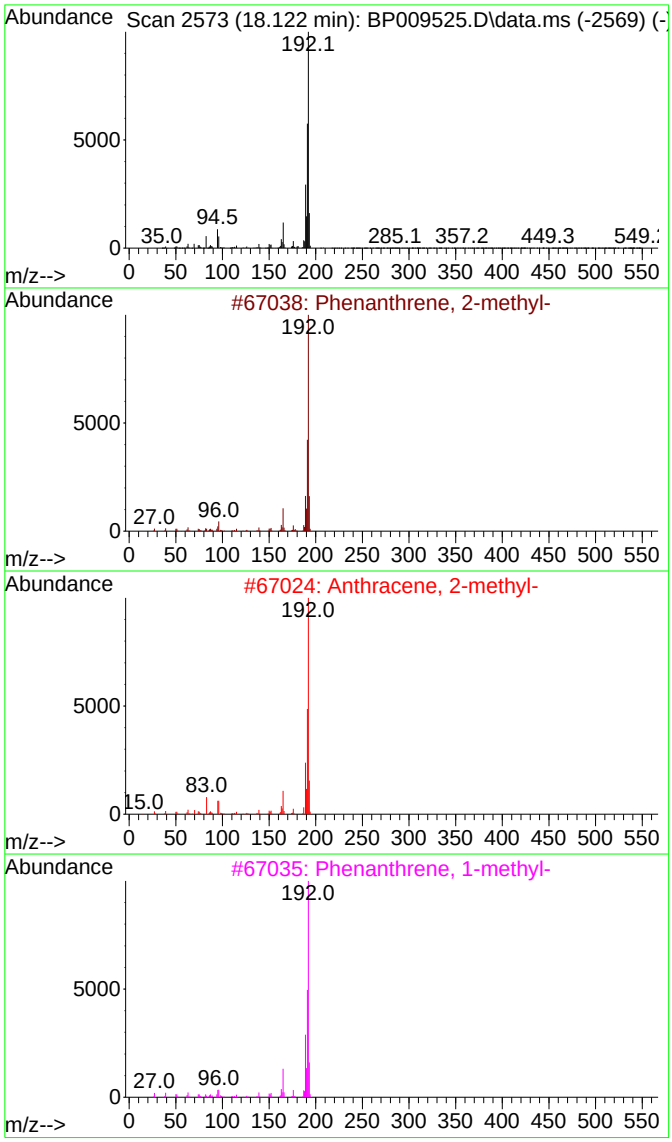
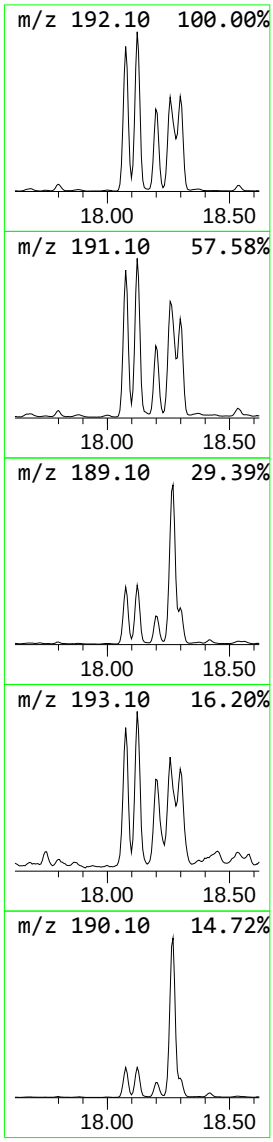
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	31.66 ng	6432050	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12-20220315-16.0-17.0-A

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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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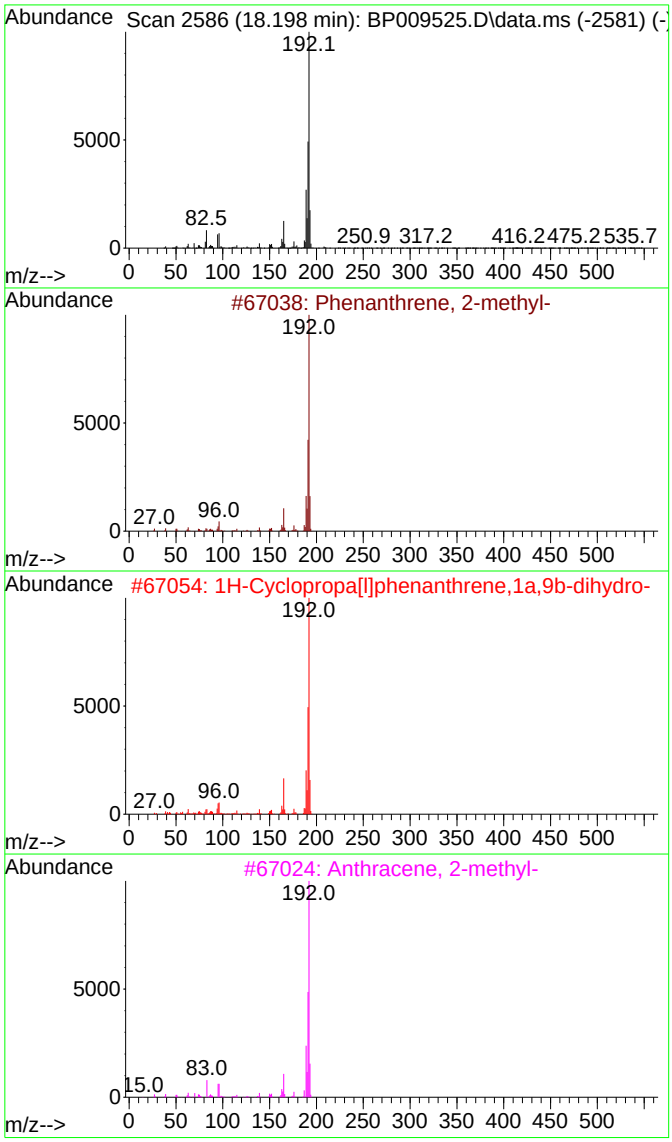
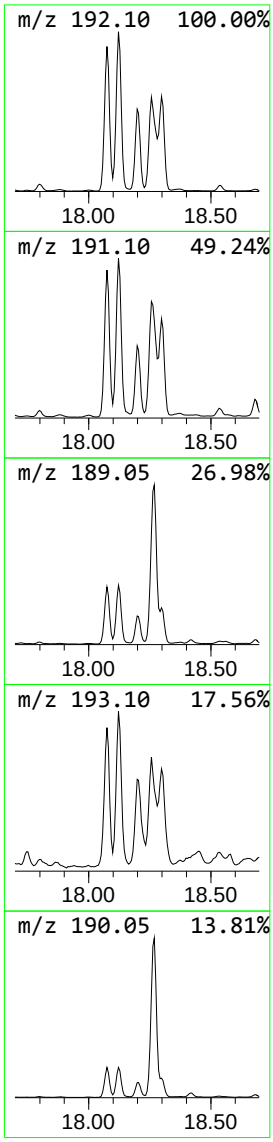
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	16.22 ng	3294240	Phenanthrene-d10	17.198

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





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

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

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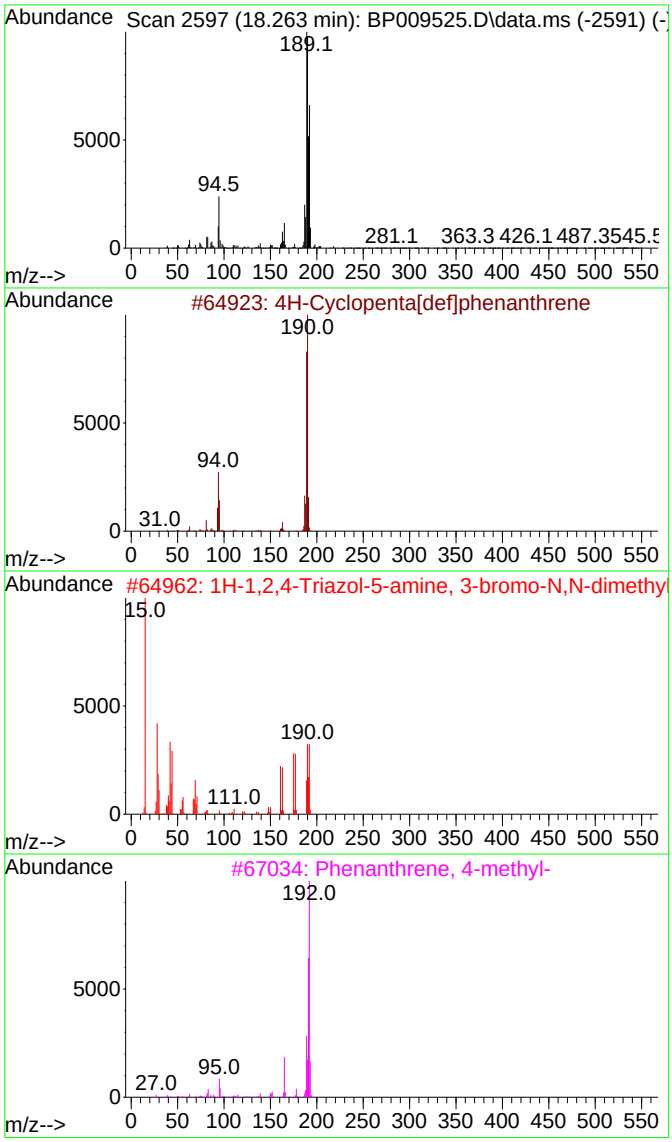
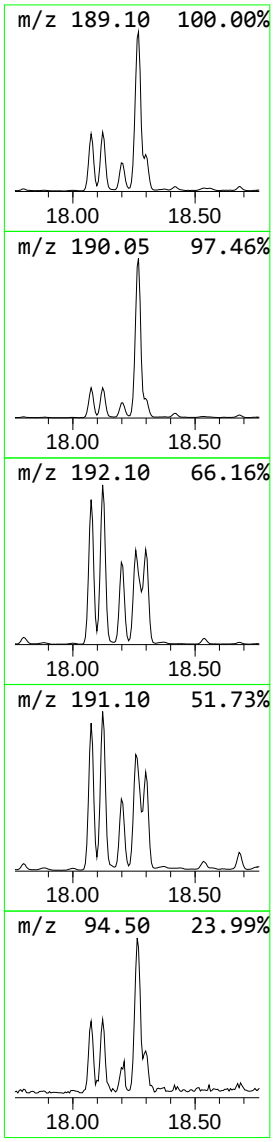
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	50.39 ng	10236600	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	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	47
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Sample : N1977-04 10X
Misc :
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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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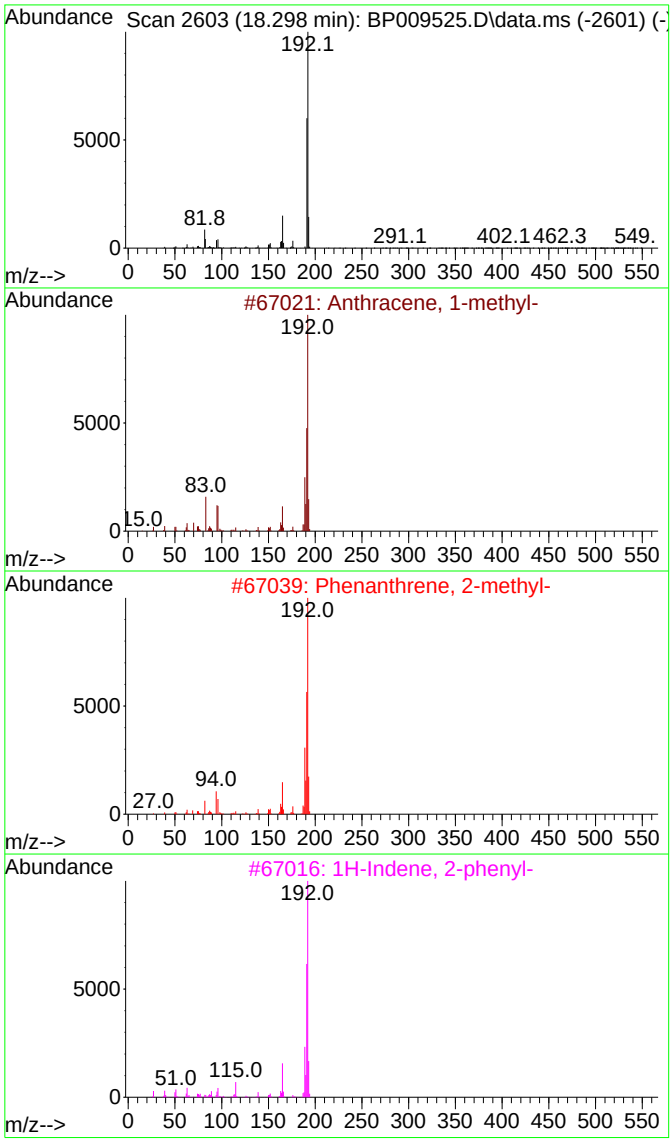
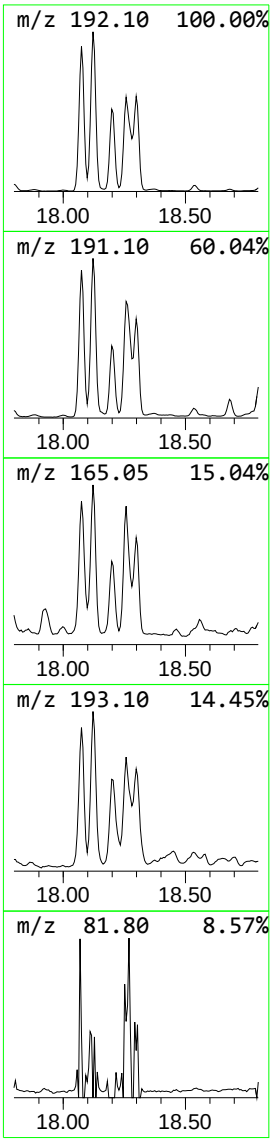
Peak Number 13 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	16.28 ng	3307840	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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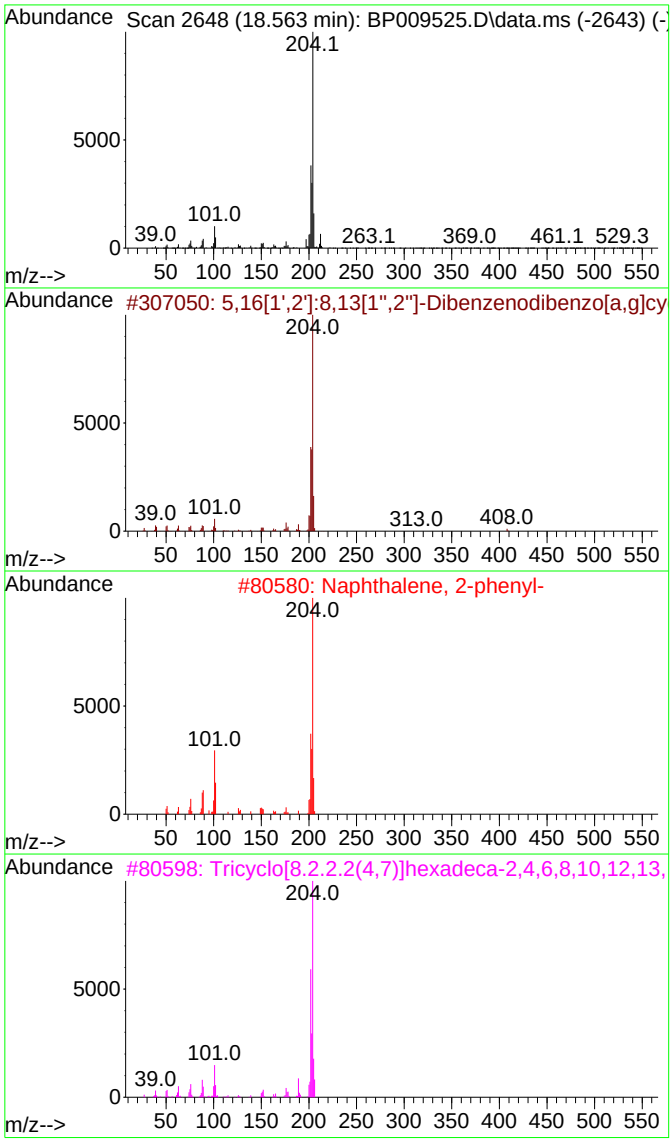
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

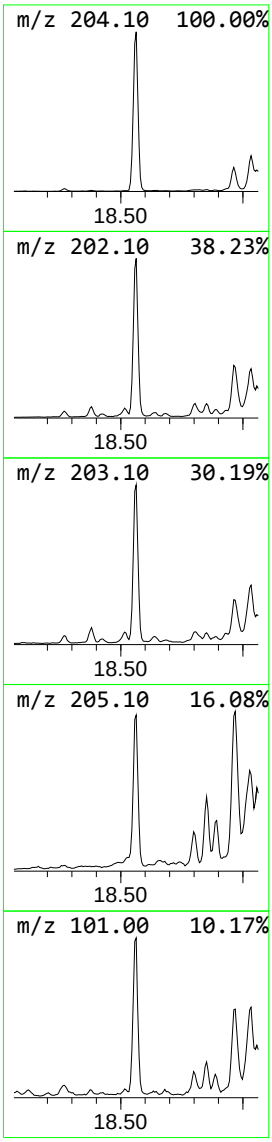
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	16.32 ng	3315920	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	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47





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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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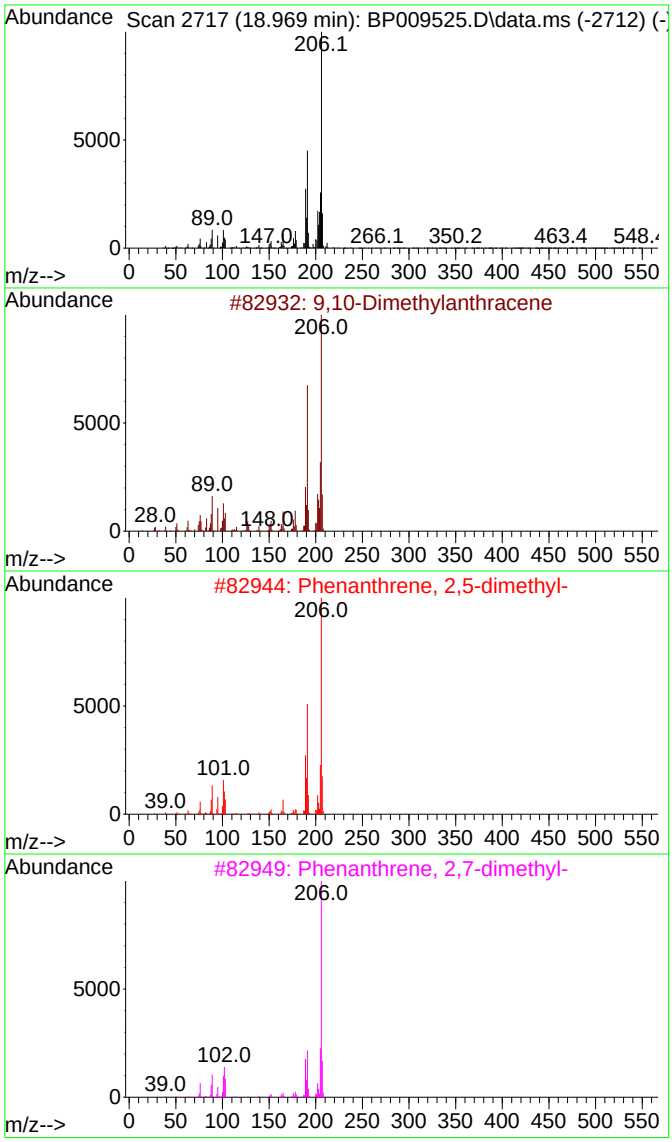
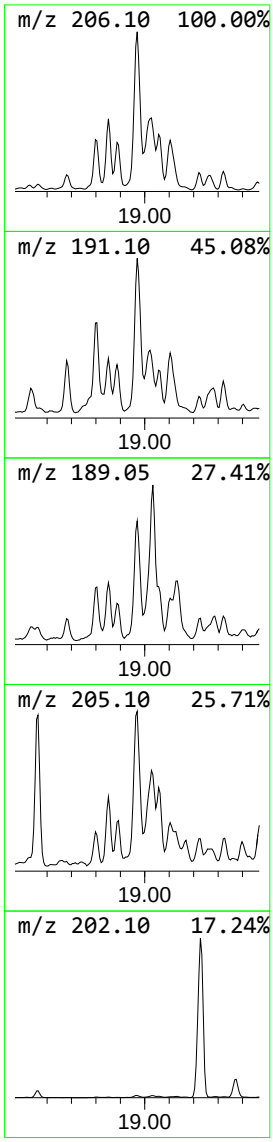
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	18.36 ng	3729000	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	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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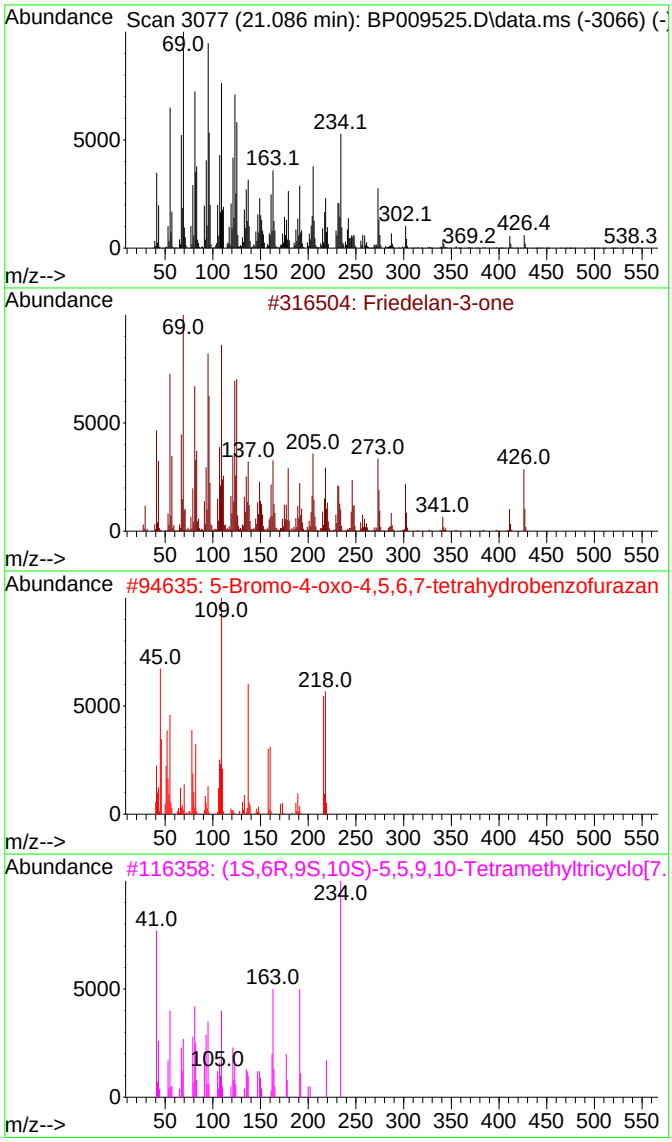
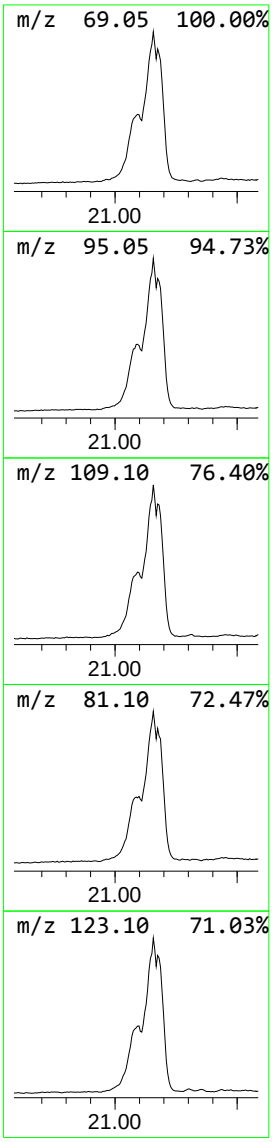
Peak Number 16 Friedelan-3-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	19.60 ng	22121000	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	97
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	68
3	(1S,6R,9S,10S)-5,5,9,10-Tetramet...	234	C16H26O	1000298-98-1	58
4	3-Ethyl-2-[2-(3-ethyl-5-oxo-2-th...	348	C16H16N2OS3	006913-28-6	53
5	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	47





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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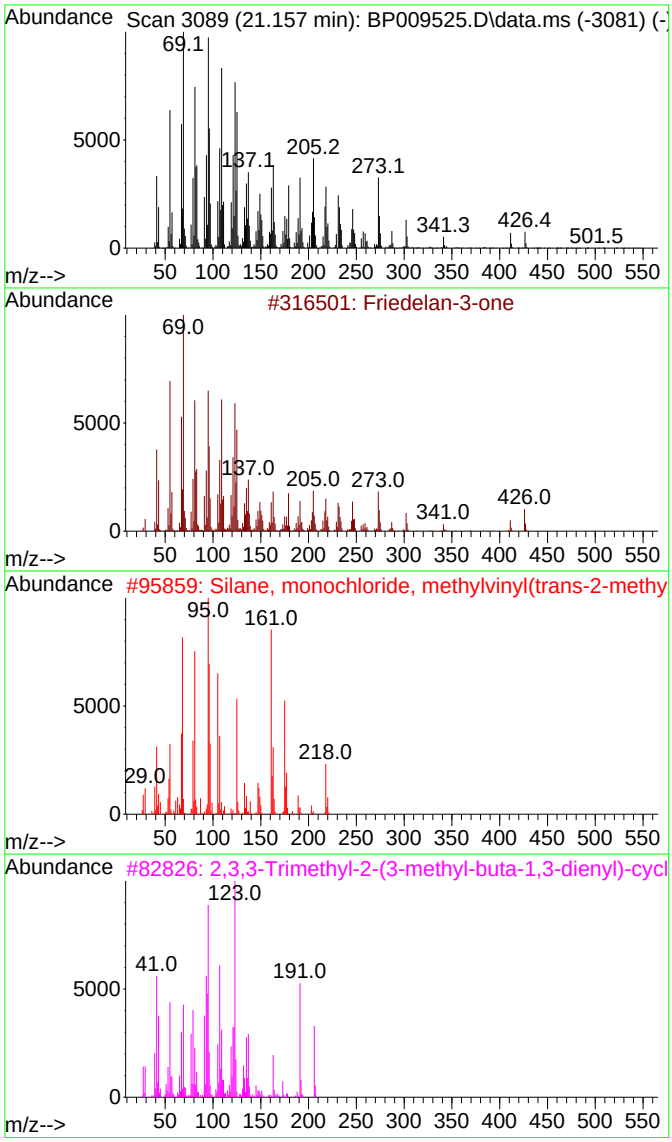
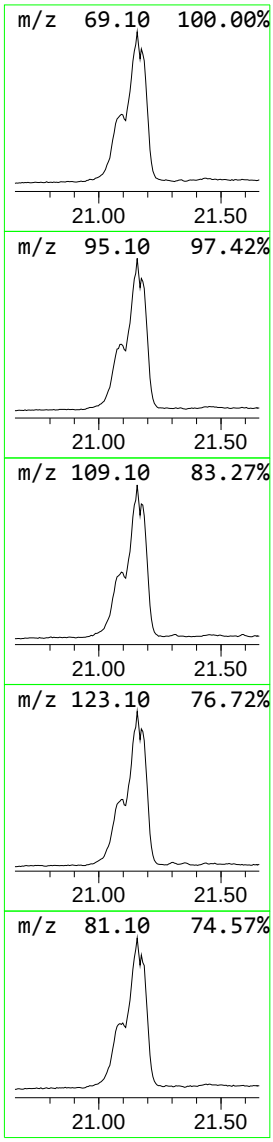
Peak Number 17 Silane, monochloride, methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	18.00 ng	20318000	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	97
2	Silane, monochloride, methylviny...	218	C10H19ClOSi	1000421-09-7	64
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	60
4	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	60
5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59





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Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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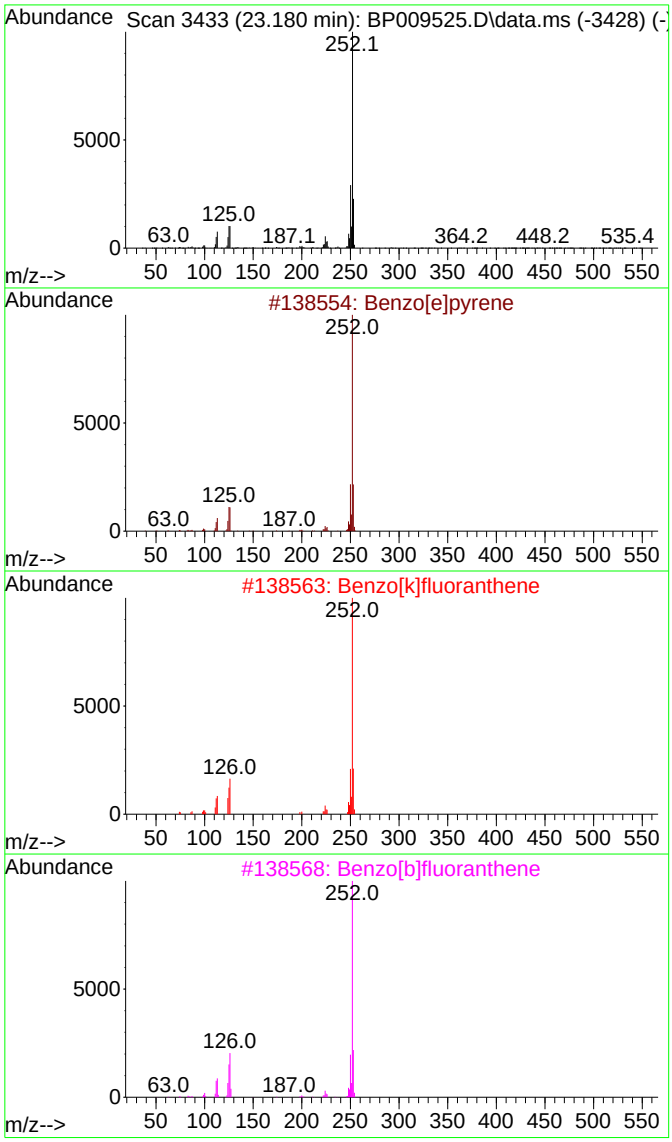
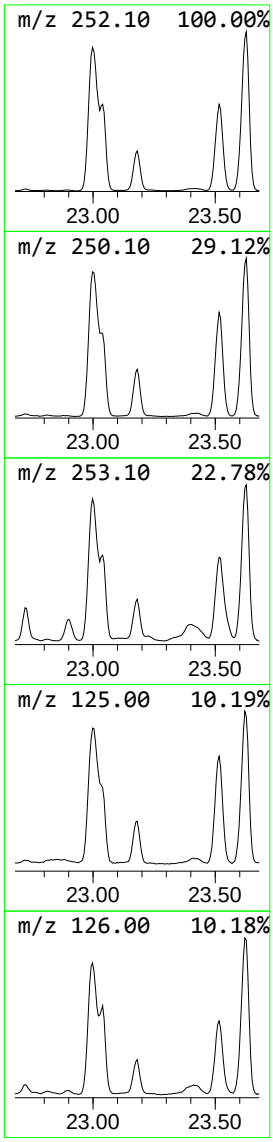
Peak Number 18 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.180	15.20 ng	3921950	Perylene-d12	23.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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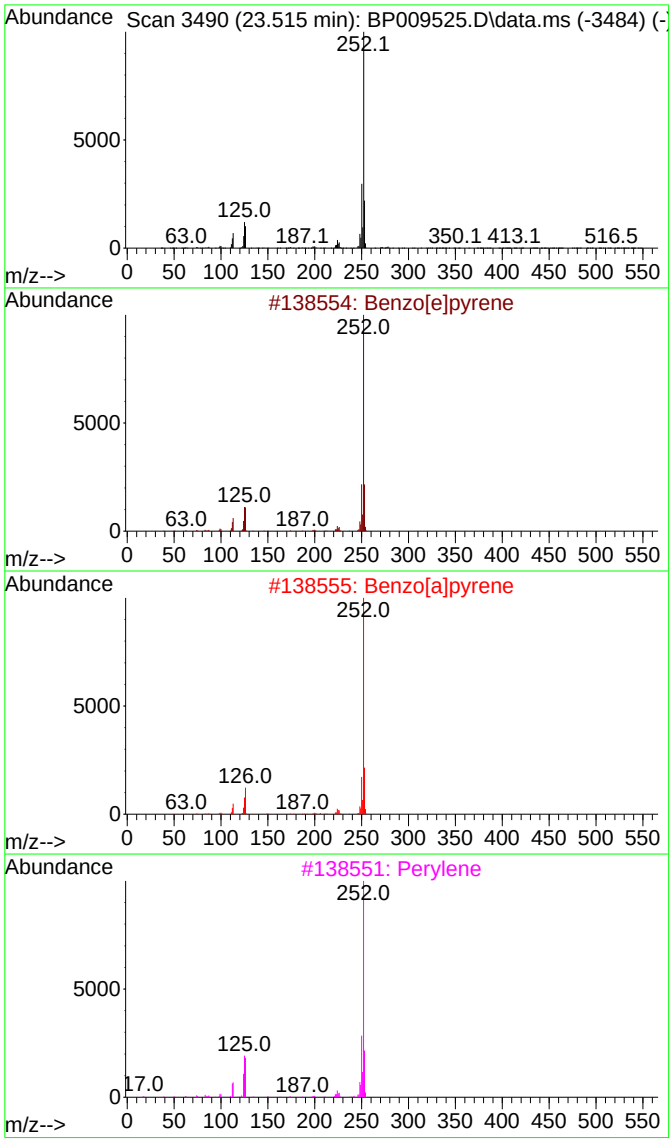
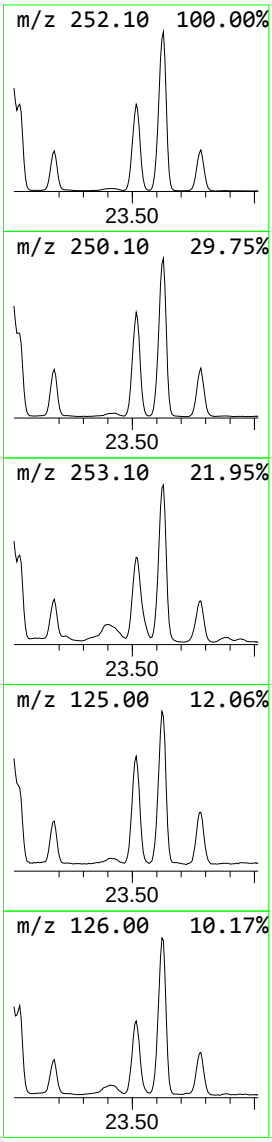
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.515	42.51 ng	10969800	Perylene-d12	23.727

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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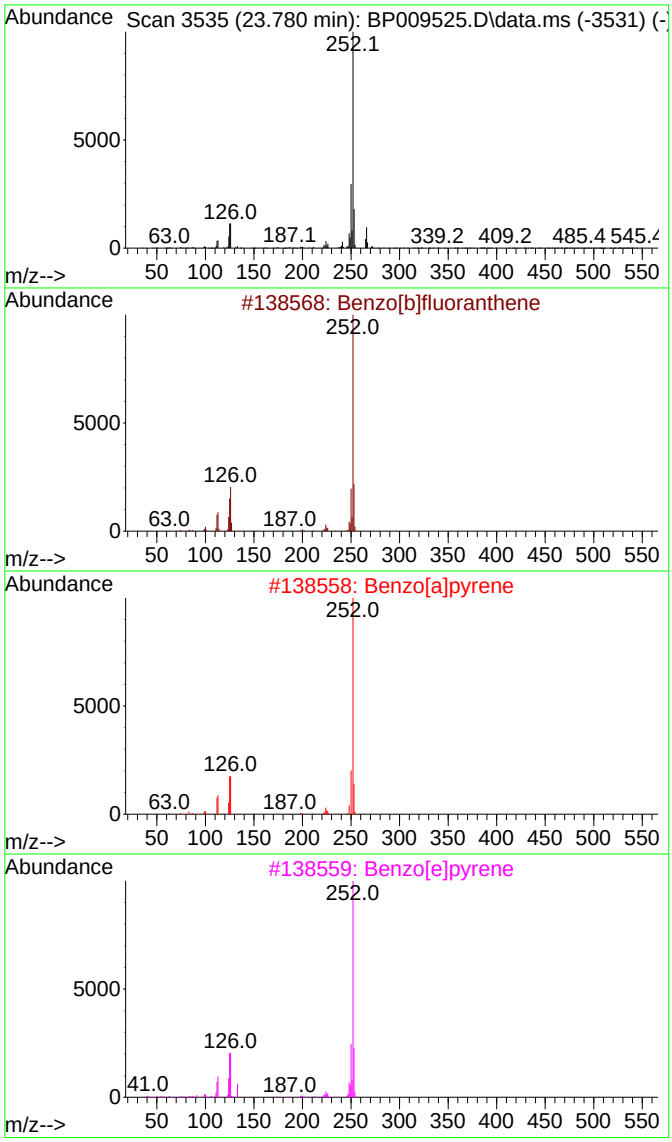
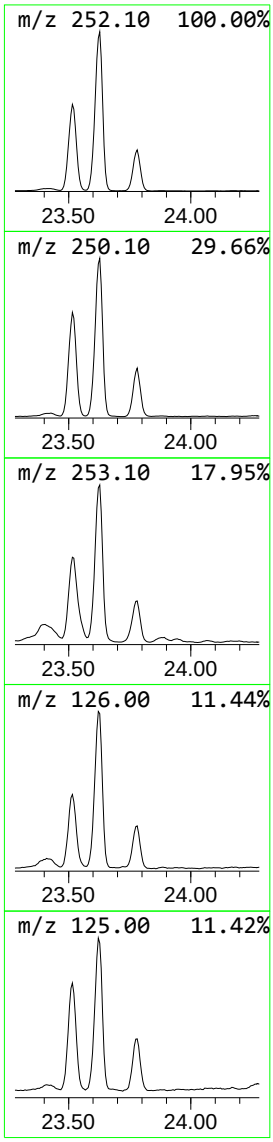
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.780	19.36 ng	4996070	Perylene-d12	23.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	92
3	Benzo[e]pyrene	252	C20H12	000192-97-2	89
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009525.D
Acq On : 24 Mar 2022 01:56
Operator : CG/JU
Sample : N1977-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
Indane	8.163	21.5	ng	2735380	1	7.787	2547040	20.0
Naphthalene, 1-...	13.463	23.3	ng	6050190	3	14.434	5197350	20.0
Naphthalene, 2,...	13.610	32.0	ng	8325070	3	14.434	5197350	20.0
Naphthalene, 2,...	13.757	34.1	ng	8871660	3	14.434	5197350	20.0
Naphthalene, 2,...	13.810	17.7	ng	4597640	3	14.434	5197350	20.0
Naphthalene, 1,...	14.651	15.4	ng	4014260	3	14.434	5197350	20.0
Dibenzothiophene	17.016	24.2	ng	4924690	4	17.198	4063000	20.0
Anthracene, 1-m...	18.075	30.9	ng	6271510	4	17.198	4063000	20.0
Phenanthrene, 2...	18.122	31.7	ng	6432050	4	17.198	4063000	20.0
1H-Cyclopropa[l...	18.198	16.2	ng	3294240	4	17.198	4063000	20.0
4H-Cyclopenta[d...	18.263	50.4	ng	10236600	4	17.198	4063000	20.0
1H-Indene, 2-ph...	18.298	16.3	ng	3307840	4	17.198	4063000	20.0
5,16[1',2']:8,1...	18.563	16.3	ng	3315920	4	17.198	4063000	20.0
9,10-Dimethylan...	18.969	18.4	ng	3729000	4	17.198	4063000	20.0
Friedelan-3-one	21.086	19.6	ng	22121000	5	21.316	22571400	20.0
Silane, monochl...	21.157	18.0	ng	20318000	5	21.316	22571400	20.0
Benzo[e]pyrene	23.180	15.2	ng	3921950	6	23.727	5160910	20.0
Perylene	23.515	42.5	ng	10969800	6	23.727	5160910	20.0
Benzo[j]fluoran...	23.780	19.4	ng	4996070	6	23.727	5160910	20.0