LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-01252024

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-BP012924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019475.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	324	333	339	rBV	38902	63847	2.01%	0.154%
2	5.505	403	411	425	rBV	1417679	2093520	65.86%	5.066%
3	7.099	672	682	695	rBV	1418881	2362399	74.32%	5.716%
4	7.928	814	823	831	rBV	351901	564796	17.77%	1.367%
5	9.099	1014	1022	1030	rBV	907530	1529155	48.11%	3.700%
6	10.734	1288	1300	1304	rBV	443762	807678	25.41%	1.954%
7	10.781	1304	1308	1315	rVB	195288	324706	10.21%	0.786%
8	12.387	1572	1581	1589	rVB	224009	381862	12.01%	0.924%
9	12.604	1608	1618	1629	rVV	153084	273399	8.60%	0.662%
10	13.193	1711	1718	1727	rVB	2126608	3178777	100.00%	7.691%
11	13.398	1747	1753	1759	rVB2	82846	125285	3.94%	0.303%
12	13.593	1781	1786	1800	rVB	45009	97431	3.07%	0.236%
13	13.728	1800	1809	1810	rBV	92470	135619	4.27%	0.328%
14	13.887	1829	1836	1841	rBV	134109	252941	7.96%	0.612%
15	13.940	1841	1845	1855	rVB	92049	150761	4.74%	0.365%
16	14.122	1868	1876	1879	rBV2	59724	110822	3.49%	0.268%
17	14.287	1896	1904	1910	rVB	50358	80303	2.53%	0.194%
18	14.469	1929	1935	1940	rBV	31597	46398	1.46%	0.112%
19	14.563	1940	1951	1956	rVV	652704	1073936	33.78%	2.599%
20	14.628	1956	1962	1970	rVB	592925	912629	28.71%	2.208%
21	14.769	1981	1986	1996	rVB3	33577	84177	2.65%	0.204%
22	14.869	1996	2003	2008	rBV2	40803	76221	2.40%	0.184%
23	14.963	2008	2019	2026	rVB	469999	732630	23.05%	1.773%
24	15.040	2026	2032	2036	rBV	51910	72709	2.29%	0.176%
25	15.181	2049	2056	2061	rBV3	41009	83069	2.61%	0.201%
26	15.234	2061	2065	2069	rVB2	35374	54175	1.70%	0.131%
27	15.351	2077	2085	2088	rBV	35165	67553	2.13%	0.163%
28	15.428	2094	2098	2105	rVB2	32826	49315	1.55%	0.119%
29	15.540	2114	2117	2124	rVB3	20152	42162	1.33%	0.102%
30	15.610	2124	2129	2135	rBV	686421	1003208	31.56%	2.427%
31	15.704	2141	2145	2147	rBV	39248	53084	1.67%	0.128%
32	15.734	2147	2150	2153	rVV3	60619	96241	3.03%	0.233%
33	15.775	2153	2157	2161	rVV3	113002	176156	5.54%	0.426%
34	15.822	2161	2165	2168	rVV3	43753	70911	2.23%	0.172%
35	15.863	2168	2172	2175	rVV3	53701	87941	2.77%	0.213%
36	15.904	2175	2179	2188	rVB	154506	256355	8.06%	0.620%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

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-BP012924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.057	2197	2205	2213	rBV	1544051	2433201	76.55%	5.887%
38	16.145	2213	2220	2228	rVB3	37484	88902	2.80%	0.215%
39	16.281	2237	2243	2254	rVB3	139052	282580	8.89%	0.684%
40	16.410	2259	2265	2270	rVB5	38382	72978	2.30%	0.177%
41	16.522	2280	2284	2290	rVB5	21750	34477	1.08%	0.083%
42	16.622	2290	2301	2305	rBV2	113312	254463	8.01%	0.616%
43	16.669	2305	2309	2313	rVV3	43805	54497	1.71%	0.132%
44	16.769	2321	2326	2331	rVB3	46626	82064	2.58%	0.199%
45	16.851	2336	2340	2343	rVV	36172	58500	1.84%	0.142%
46	16.887	2343	2346	2350	rVB3	55739	82595	2.60%	0.200%
47	16.969	2357	2360	2367	rVB5	33307	60440	1.90%	0.146%
48	17.051	2367	2374	2378	rBV3	61476	149182	4.69%	0.361%
49	17.134	2384	2388	2398	rVB	153020	247329	7.78%	0.598%
50	17.322	2414	2420	2423	rBV	633901	999325	31.44%	2.418%
51	17.363	2423	2427	2433	rVV	1876200	2617402	82.34%	6.333%
52	17.451	2437	2442	2447	rVB	200954	292686	9.21%	0.708%
53	17.510	2447	2452	2458	rBV4	55711	105378	3.32%	0.255%
54	17.728	2484	2489	2492	rBV	75021	115666	3.64%	0.280%
55	17.839	2504	2508	2513	rBV3	54657	78346	2.46%	0.190%
56	18.010	2532	2537	2546	rVB	341450	465623	14.65%	1.127%
57	18.186	2562	2567	2570	rBV	168988	244053	7.68%	0.591%
58	18.228	2570	2574	2581	rVV2	359934	617490	19.43%	1.494%
59	18.310	2583	2588	2593	rVV	87876	142933	4.50%	0.346%
60	18.375	2593	2599	2603	rVV2	314699	543613	17.10%	1.315%
61	18.410	2603	2605	2612	rVB	94142	112590	3.54%	0.272%
62	18.510	2619	2622	2627	rVB3	23888	36650	1.15%	0.089%
63	18.675	2646	2650	2654	rBV	102053	123947	3.90%	0.300%
64	18.910	2686	2690	2694	rVB2	63611	76098	2.39%	0.184%
65	18.957	2694	2698	2701	rVV	36056	48197	1.52%	0.117%
66	18.992	2701	2704	2708	rVB2	31826	39032	1.23%	0.094%
67	19.075	2713	2718	2720	rBV2	77115	127789	4.02%	0.309%
68	19.116	2720	2725	2728	rVV	1456058	1946559	61.24%	4.710%
69	19.145	2728	2730	2738	rVV3	856134	1037269	32.63%	2.510%
70	19.210	2738	2741	2748	rVV5	34535	77285	2.43%	0.187%
71	19.275	2748	2752	2756	rVB	150259	167057	5.26%	0.404%
72	19.328	2756	2761	2768	rBV	1192636	1623935	51.09%	3.929%
73	19.392	2769	2772	2776	rVV2	40255	60519	1.90%	0.146%
74	19.457	2780	2783	2789	rVB5	59981	97724	3.07%	0.236%
75	19.563	2798	2801	2804	rBV	29579	35313	1.11%	0.085%
76	19.651	2811	2816	2817	rBV	201077	233930	7.36%	0.566%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

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-BP012924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.680	2817	2821	2830	rVV	804414	1197788	37.68%	2.898%
78	19.751	2830	2833	2839	rVB2	49698	80195	2.52%	0.194%
79	19.886	2848	2856	2866	rVB	2280749	3005312	94.54%	7.272%
80	19.998	2870	2875	2881	rBV3	68269	165665	5.21%	0.401%
81	20.169	2900	2904	2908	rVB	182827	248643	7.82%	0.602%
82	20.263	2917	2920	2924	rVB	178876	212430	6.68%	0.514%
83	20.316	2926	2929	2934	rVV2	66032	95085	2.99%	0.230%
84	21.063	3053	3056	3060	rBV2	57634	93804	2.95%	0.227%
85	21.145	3066	3070	3074	rBV3	211568	275576	8.67%	0.667%
86	21.410	3109	3115	3120	rBV2	695596	1285004	40.42%	3.109%
87	21.451	3120	3122	3132	rVB	238276	304153	9.57%	0.736%
88	23.851	3524	3530	3537	rVB	407281	825396	25.97%	1.997%

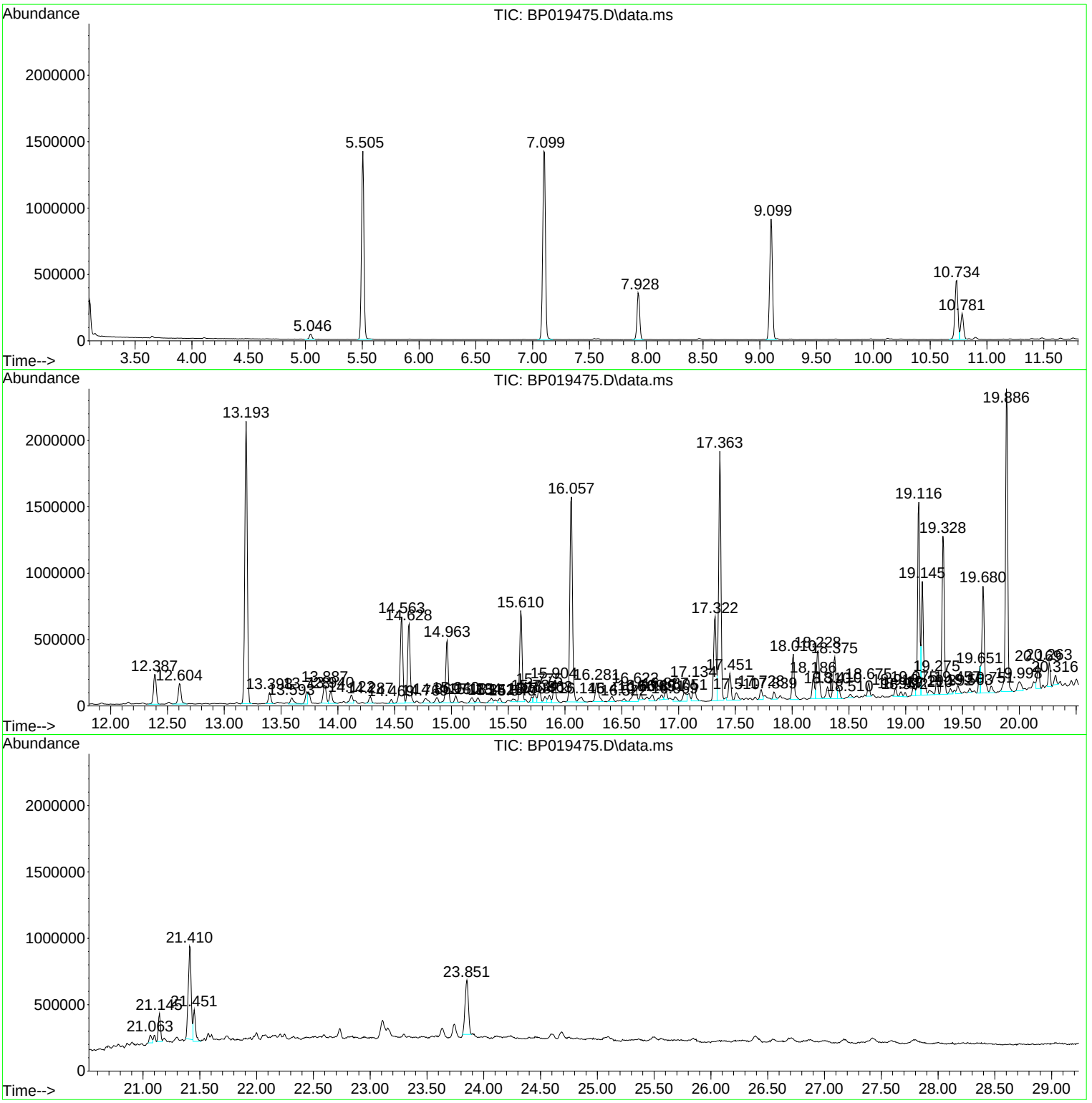
Sum of corrected areas: 41328839

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.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\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

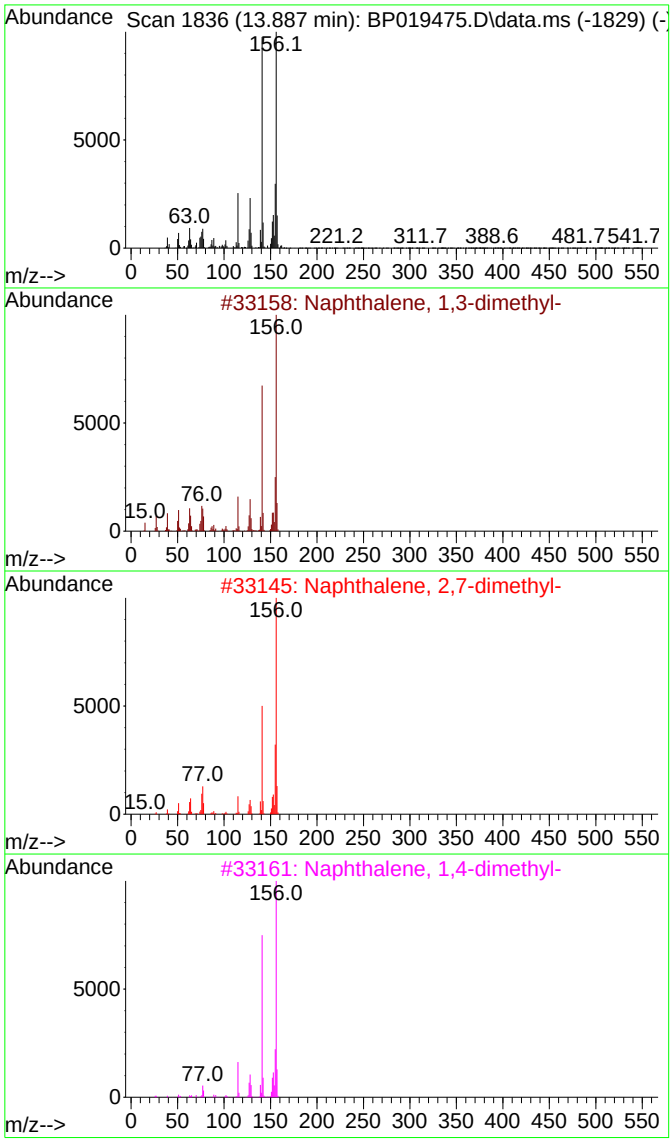
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

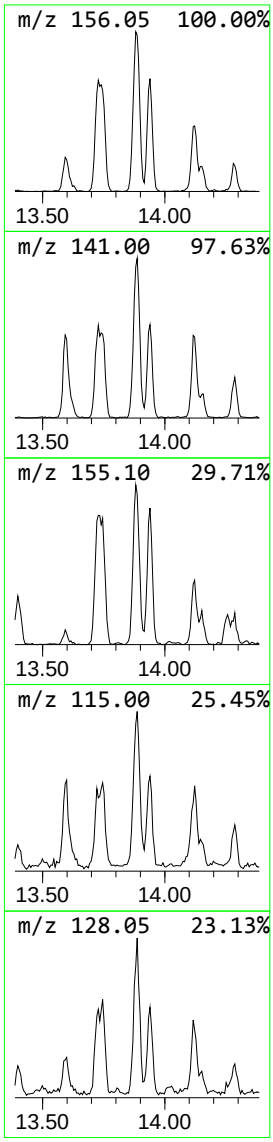
****

Peak Number 1 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.887	4.71 ng	252941	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

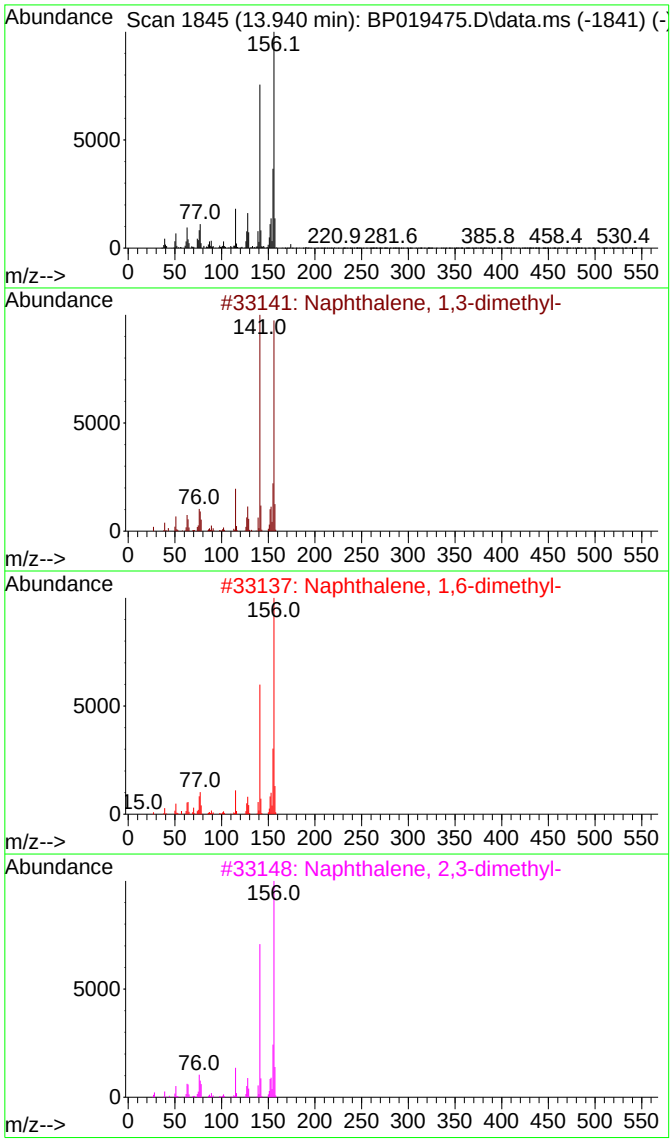
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

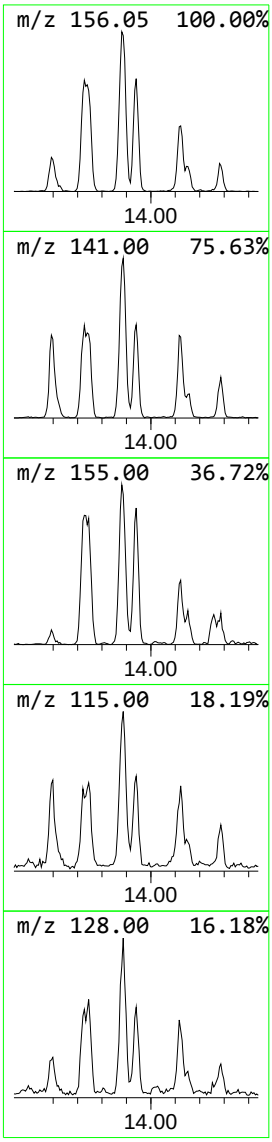
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	2.81 ng	150761	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

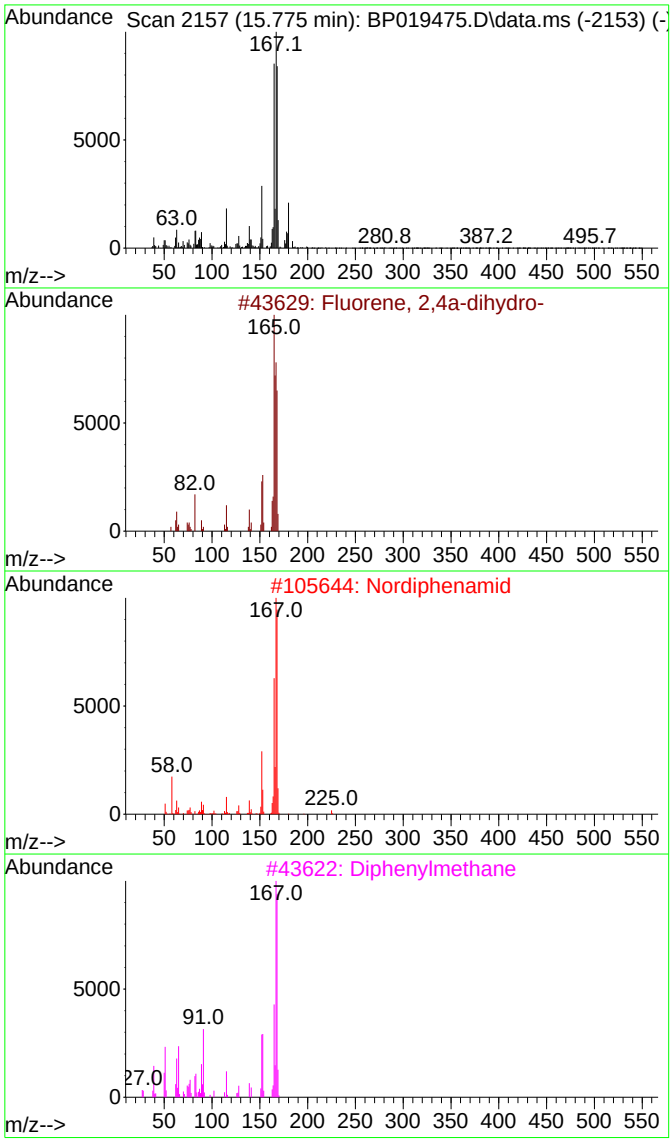
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

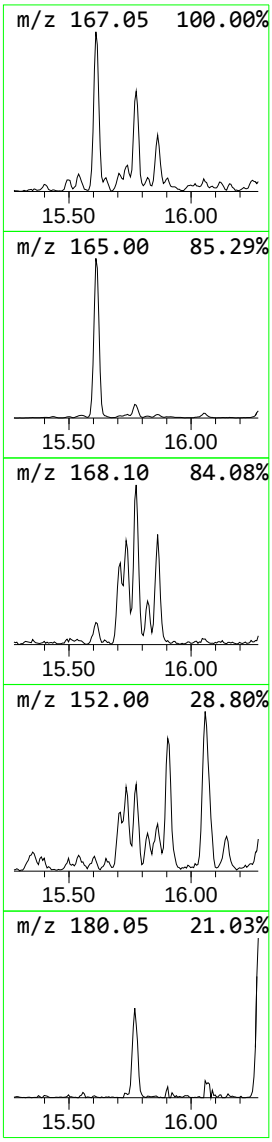
****

Peak Number 3 Fluorene, 2,4a-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.775	3.28 ng	176156	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
2	Nordiphenamid	225	C15H15NO	000954-21-2	74
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

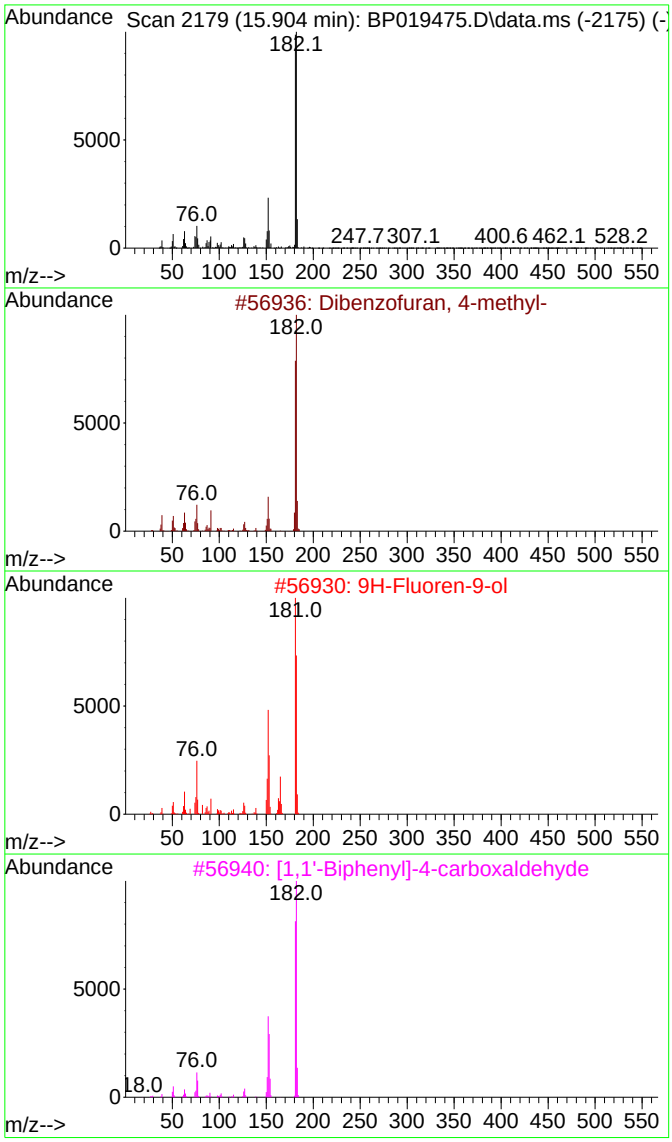
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

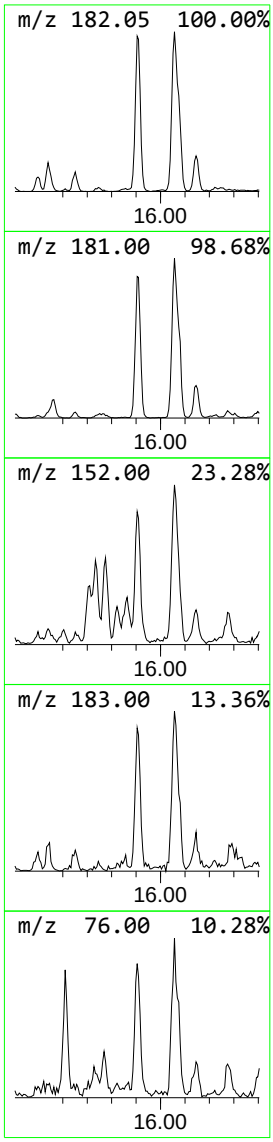
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	4.77 ng	256355	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
5	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

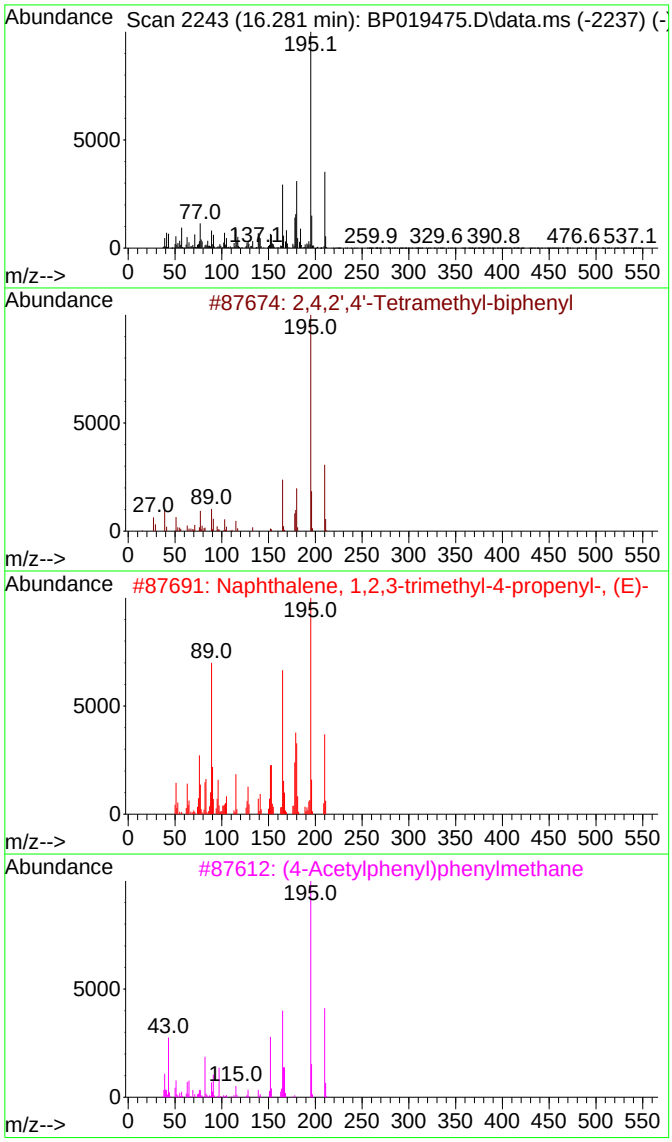
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

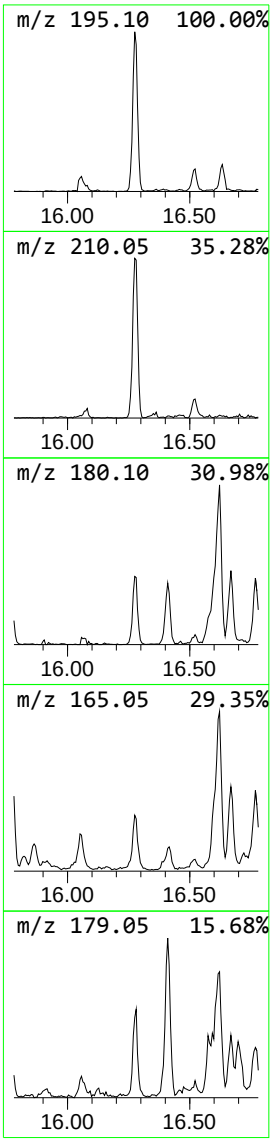
****

Peak Number 5 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	5.66 ng	282580	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	81
2	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	60
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
4	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	58
5	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

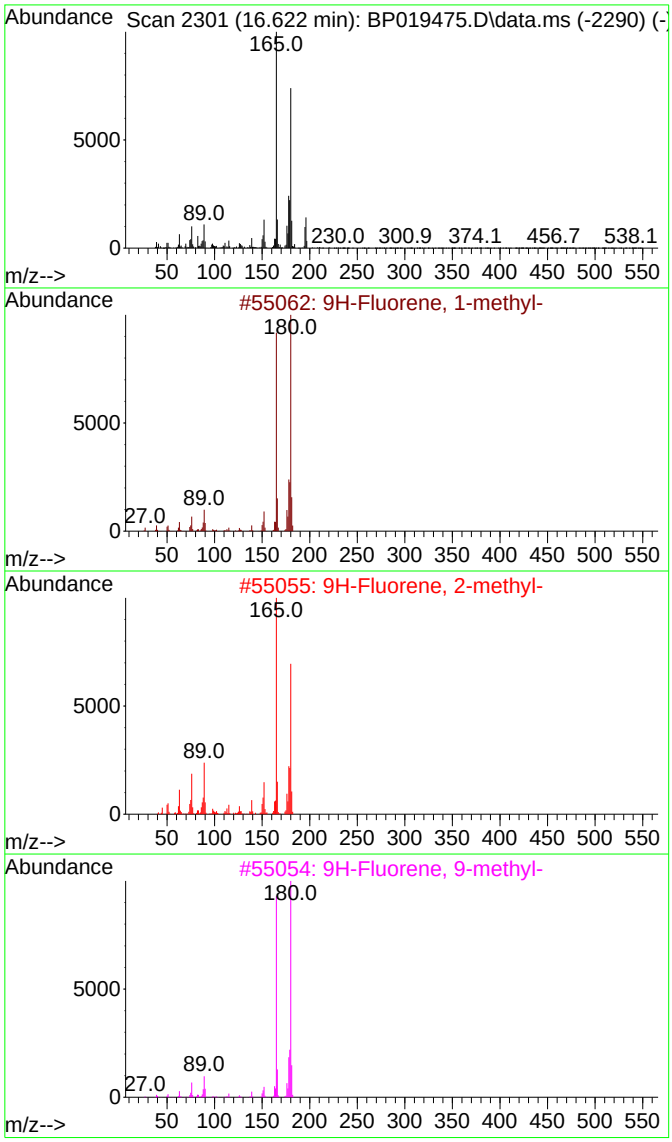
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

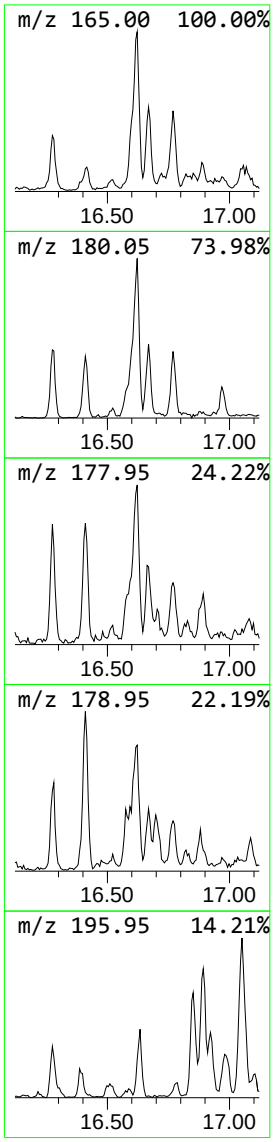
****

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.622	5.09 ng	254463	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





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Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.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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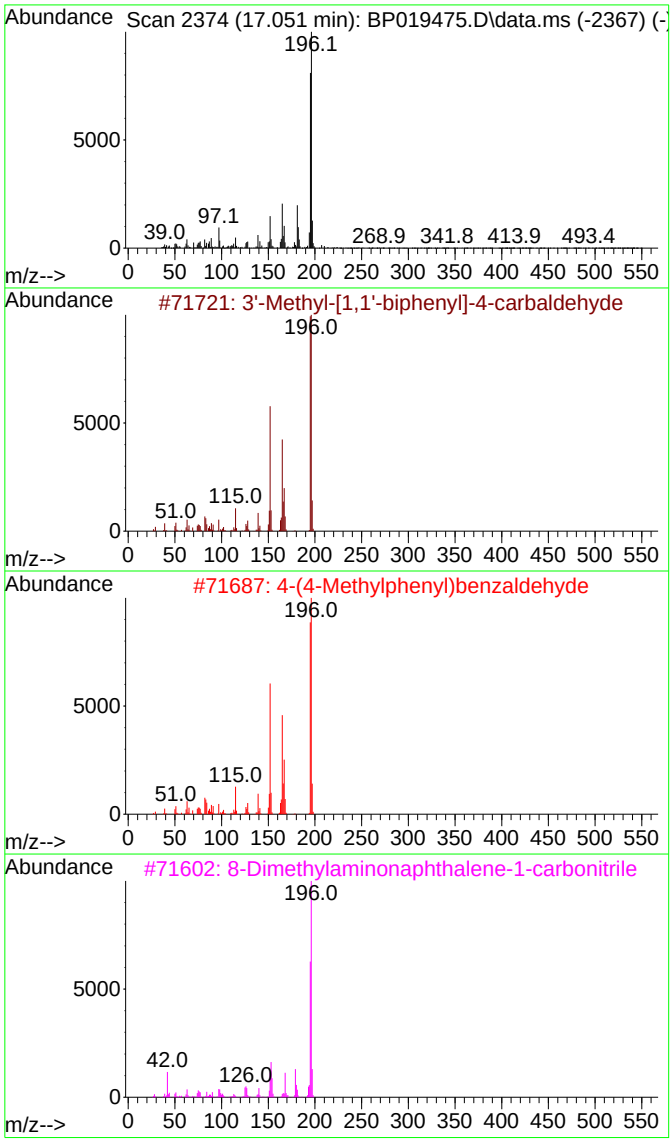
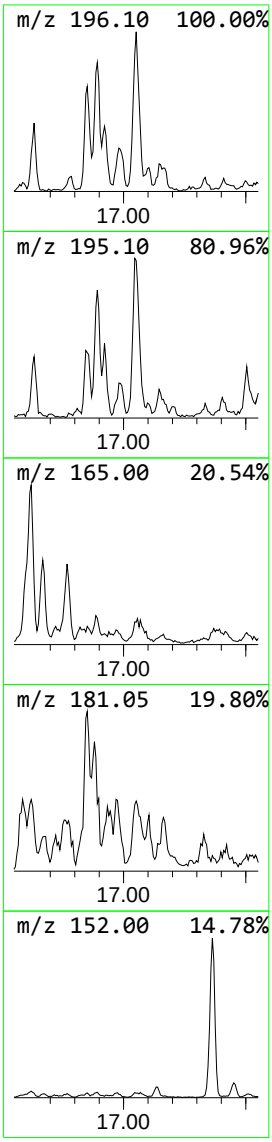
Peak Number 7 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	2.99 ng	149182	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	93
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	64
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64





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Misc :
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ClientSampleId :
SU-03-01252024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

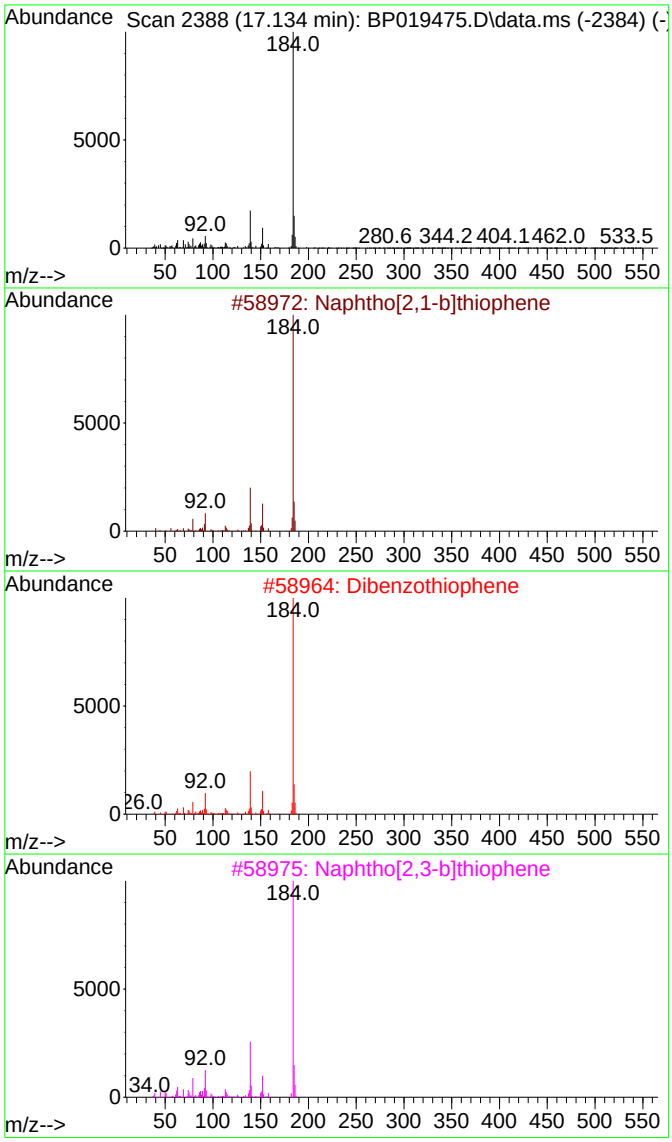
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

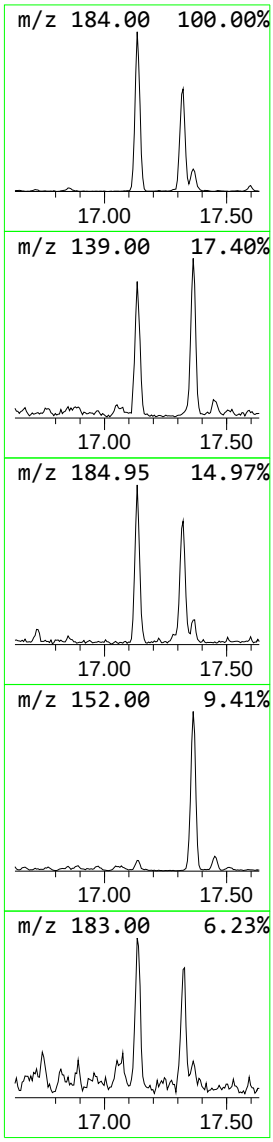
****

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.134	4.95 ng	247329	Phenanthrene-d10	17.322

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





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ALS Vial : 16 Sample Multiplier: 1

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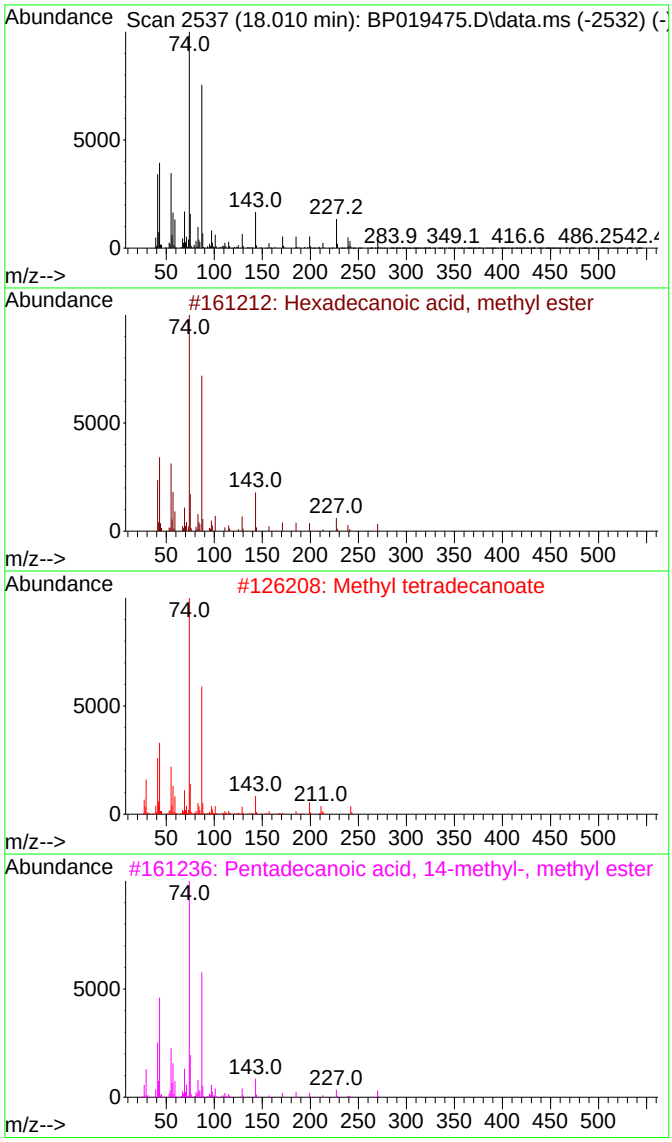
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

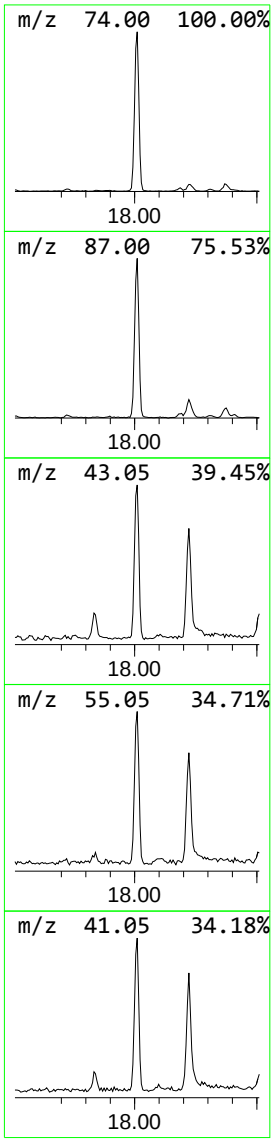
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	9.32 ng	465623	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
SU-03-01252024

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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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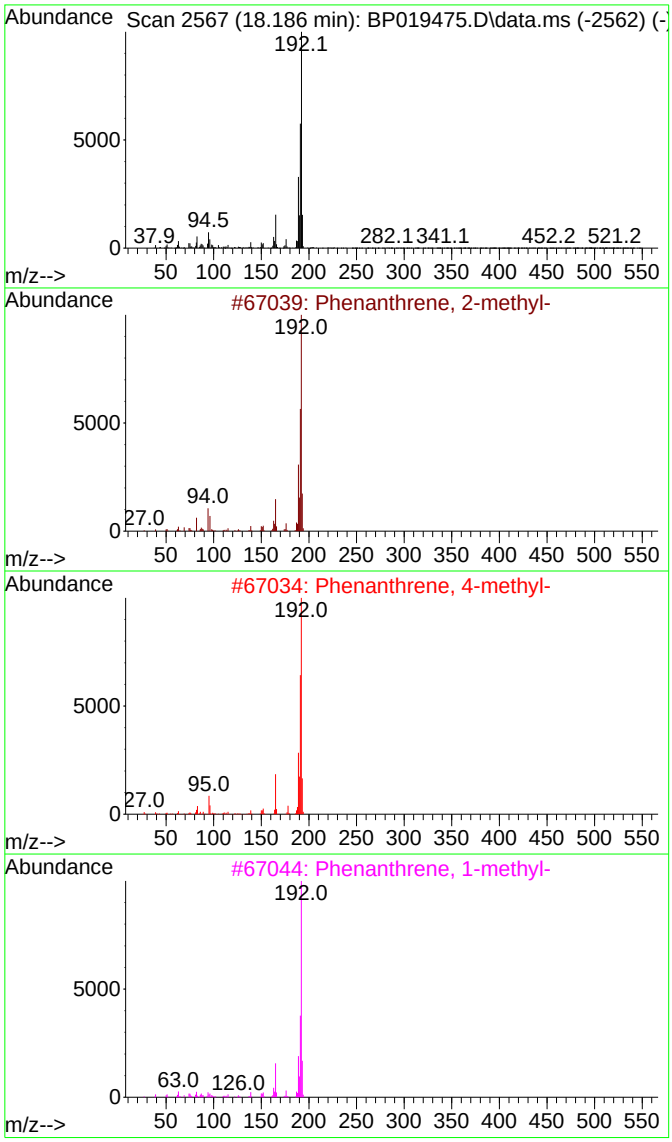
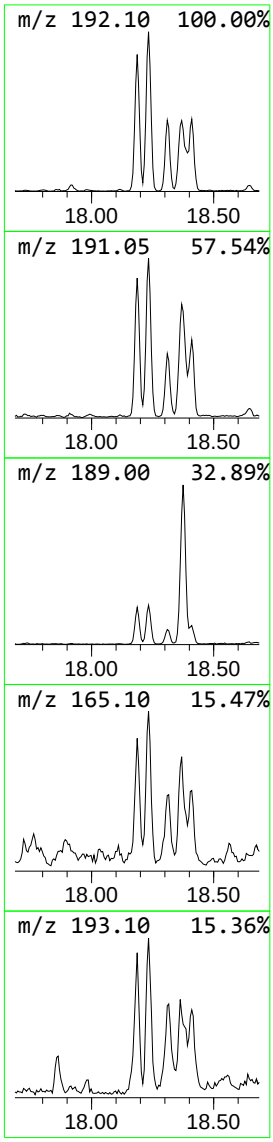
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	4.88 ng	244053	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
SU-03-01252024

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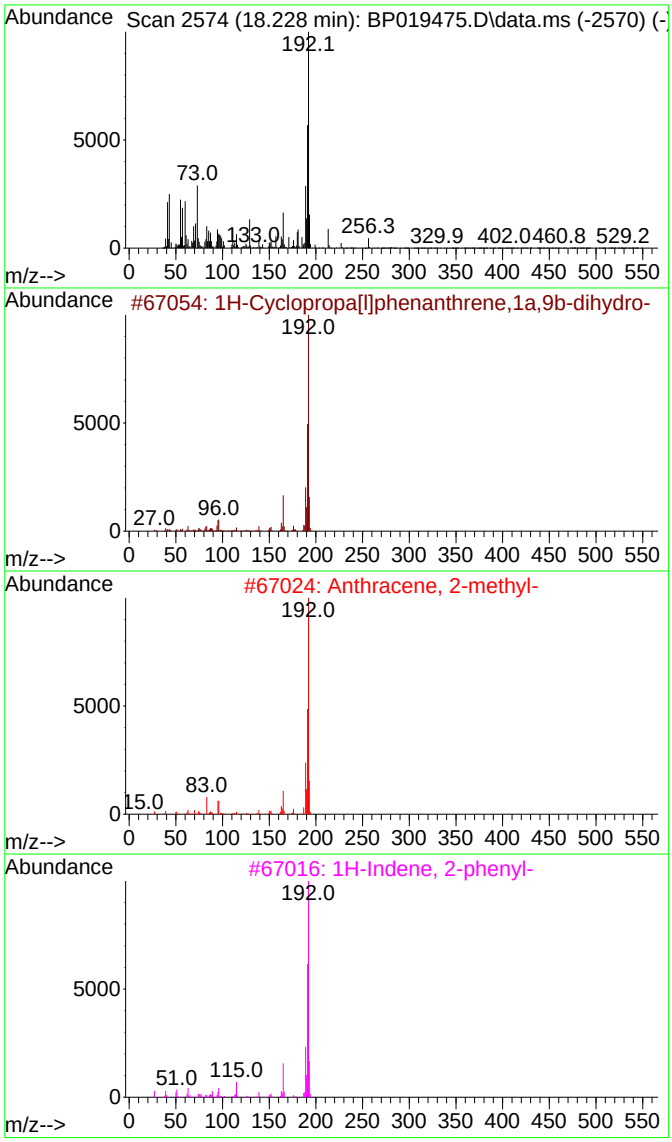
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

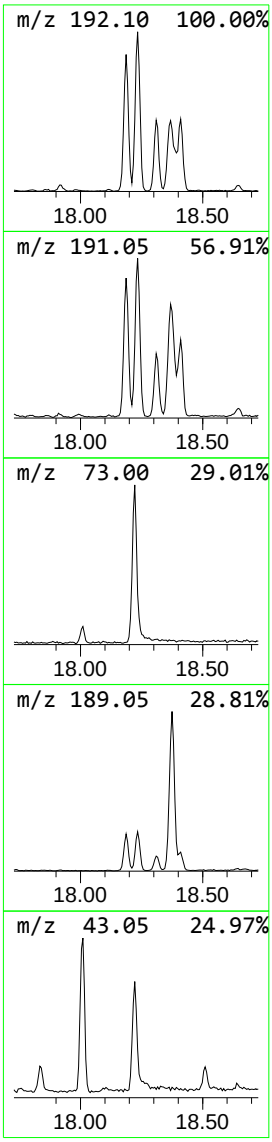
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	12.36 ng	617490	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





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Misc :
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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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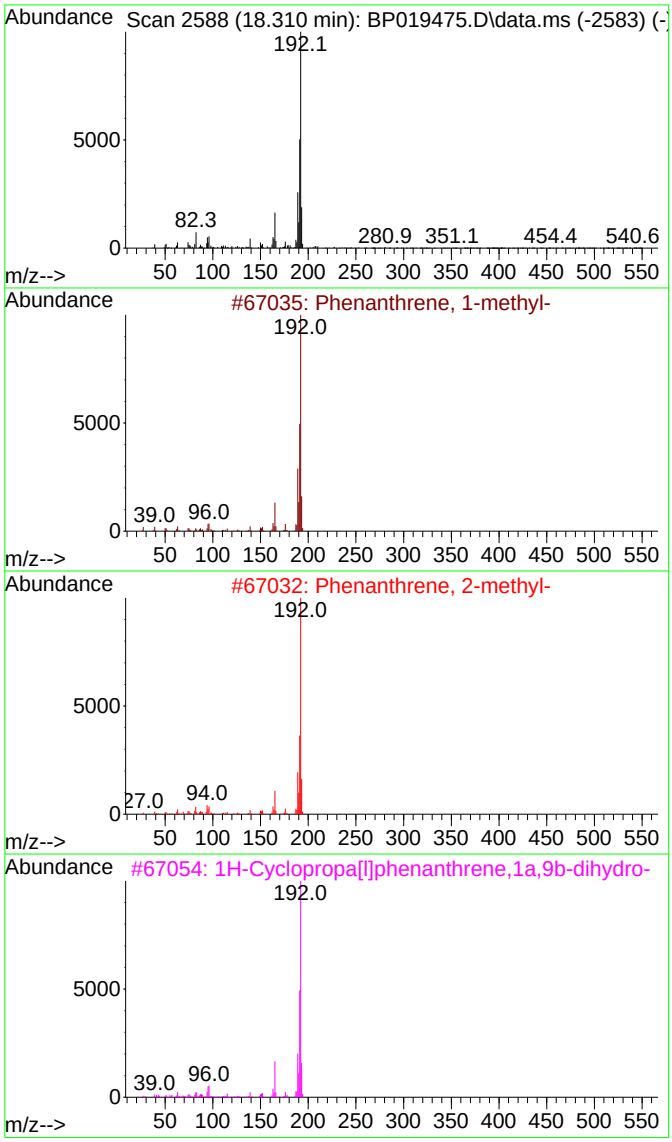
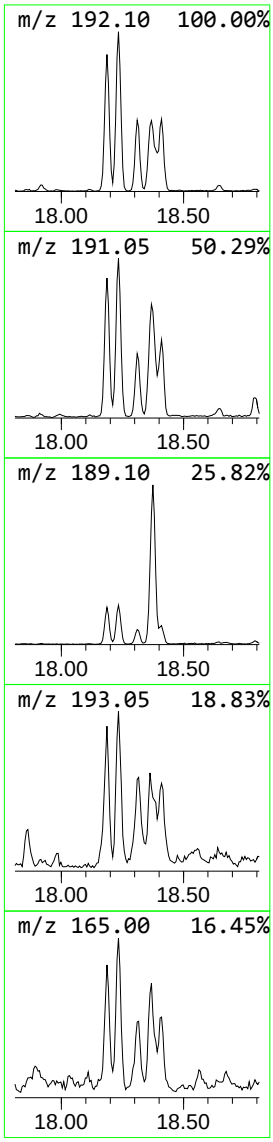
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	2.86 ng	142933	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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

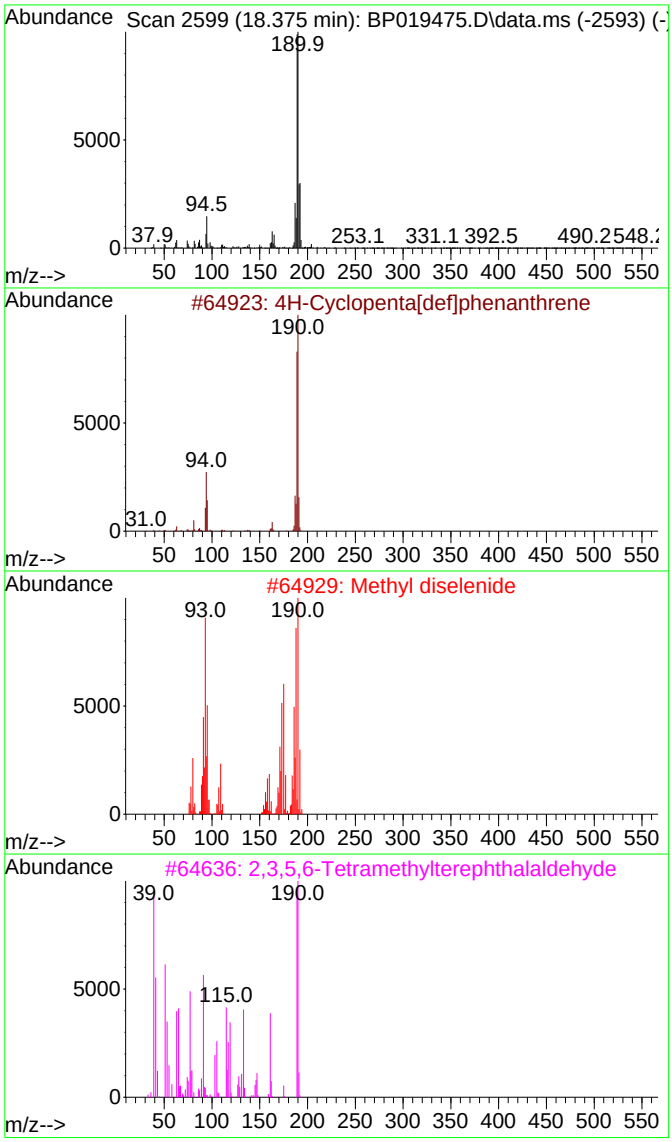
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

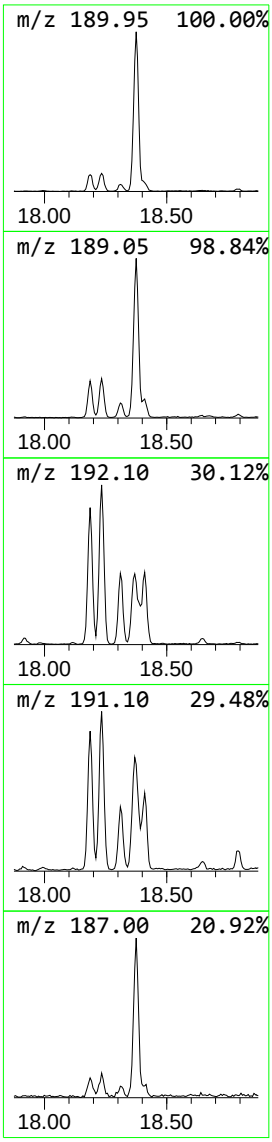
****

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	10.88 ng	543613	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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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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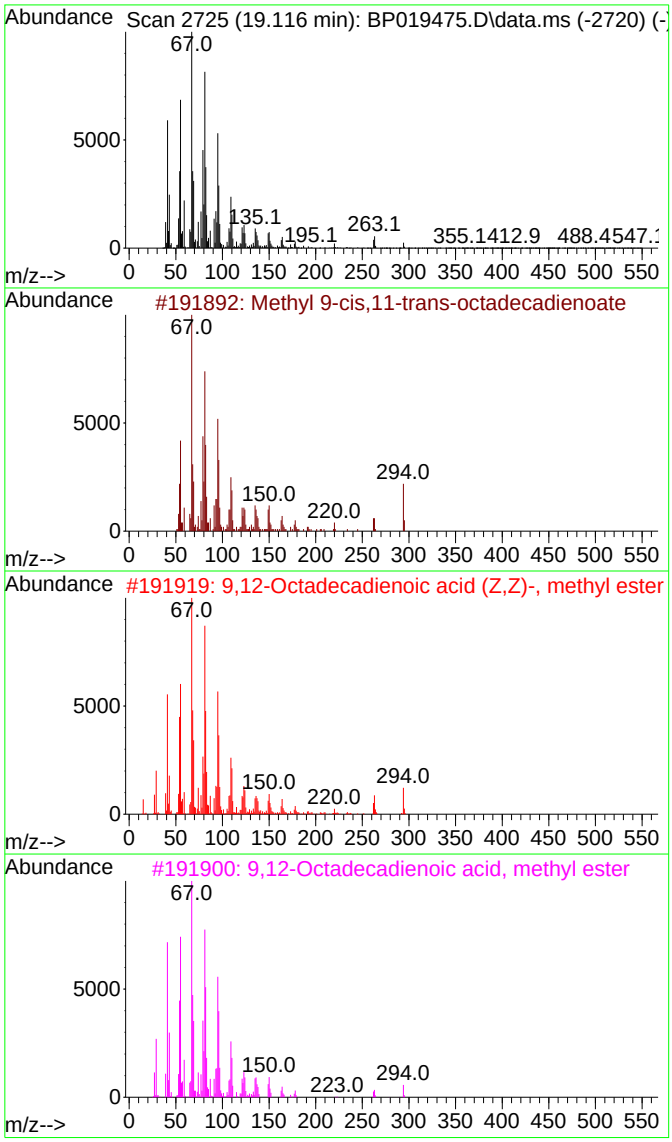
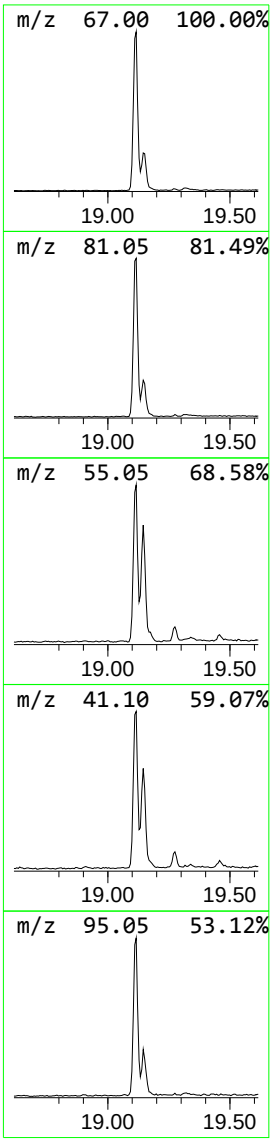
Peak Number 14 Methyl 9-cis,11-trans-octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	38.96 ng	1946560	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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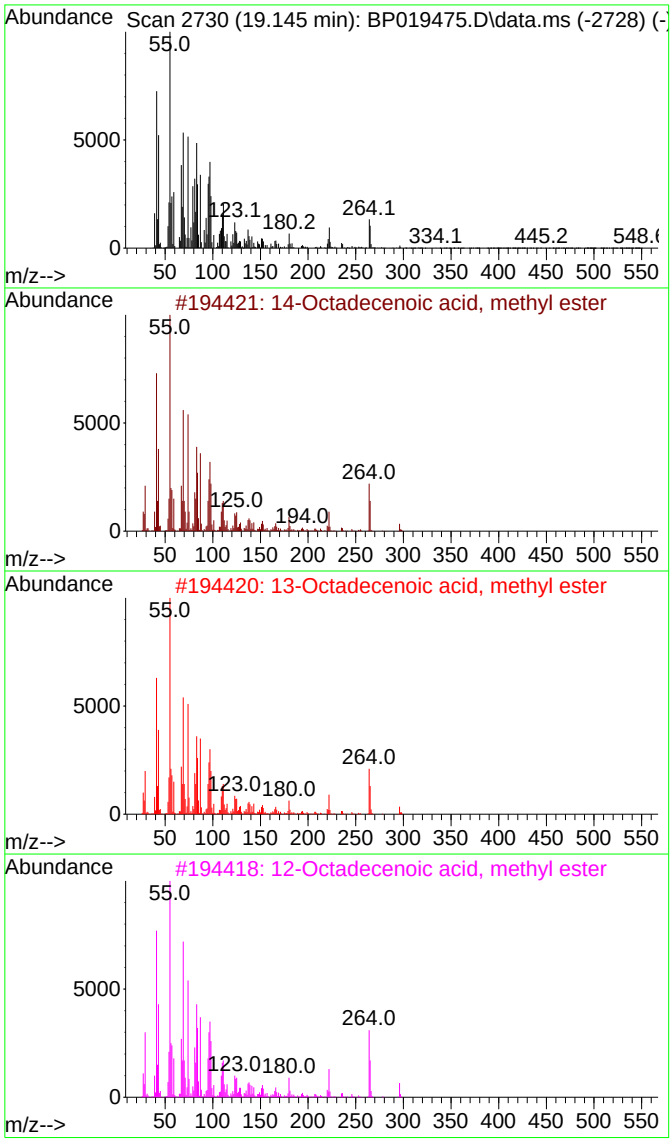
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

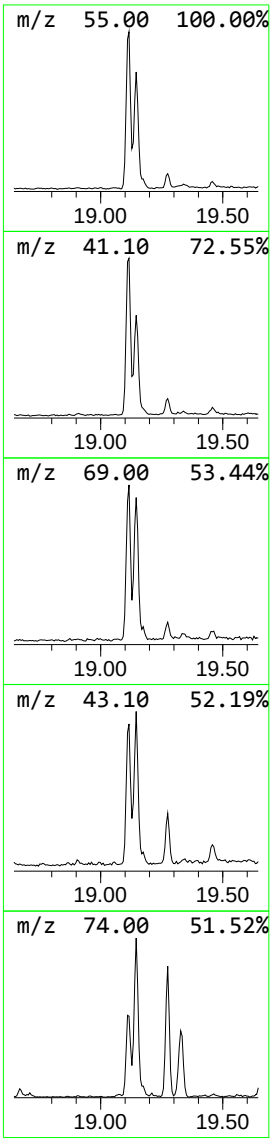
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 14-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	20.76 ng	1037270	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	97





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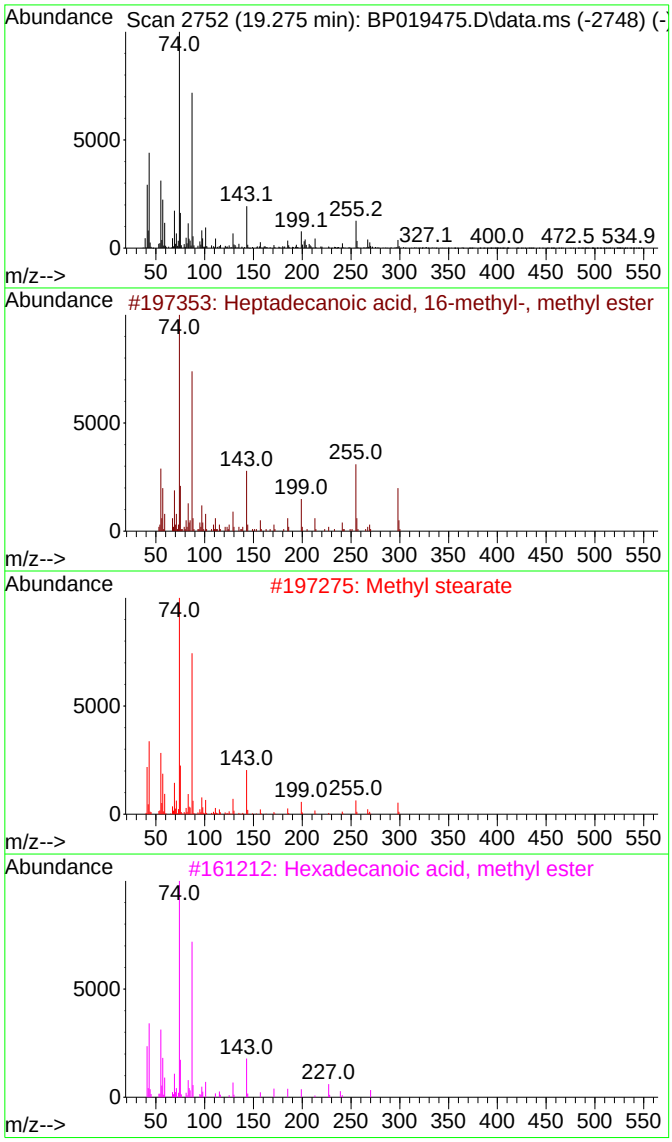
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

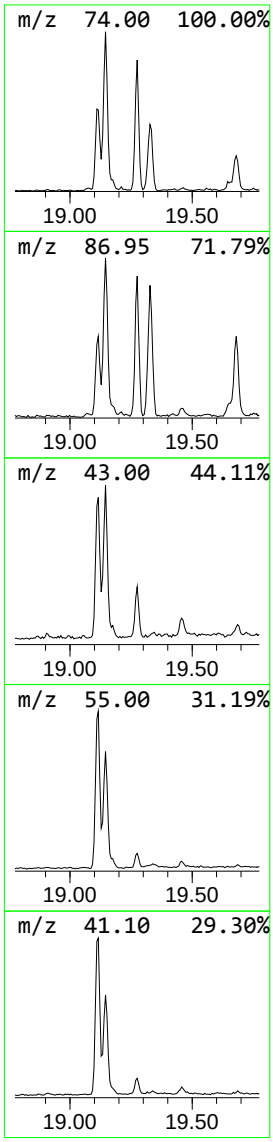
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptadecanoic acid, 16-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	3.34 ng	167057	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	98
2	Methyl stearate	298	C19H38O2	000112-61-8	96
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	83





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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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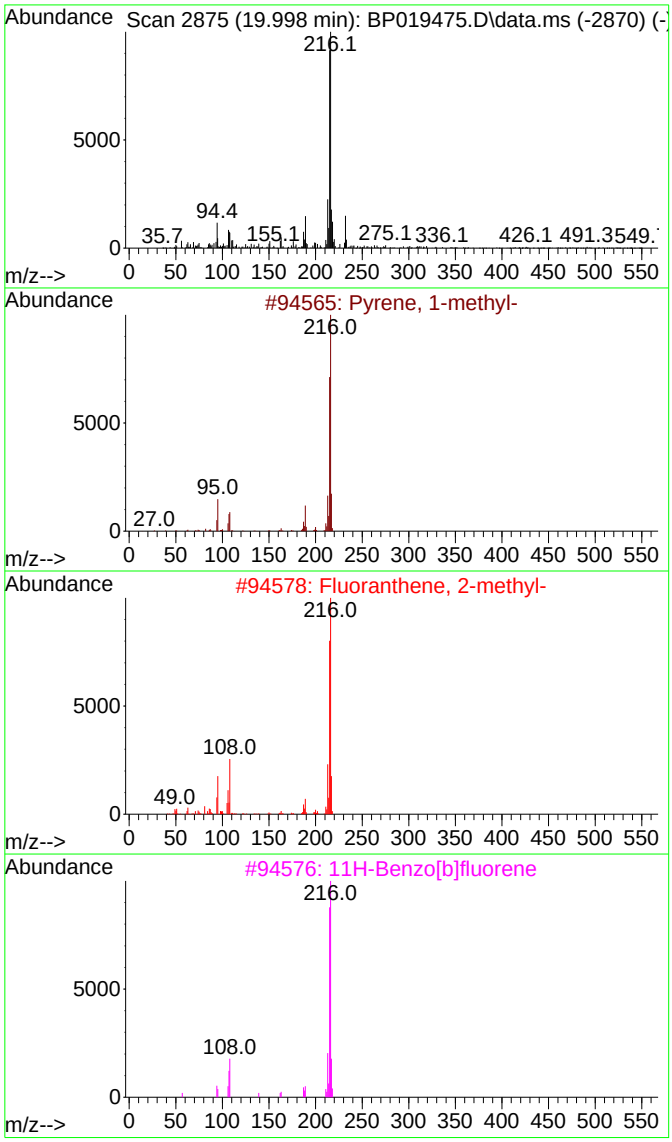
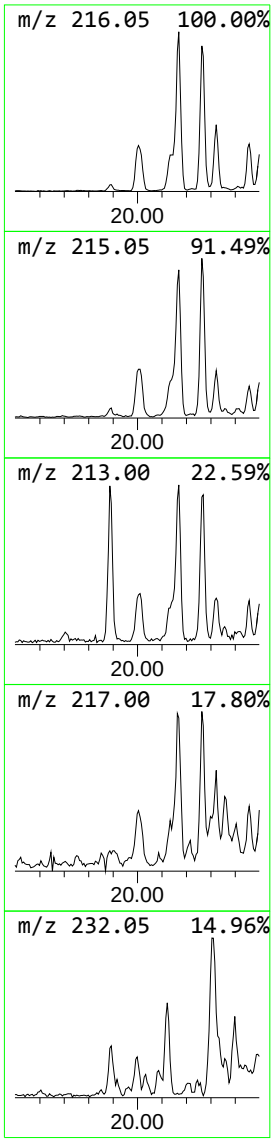
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.998	2.58 ng	165665	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.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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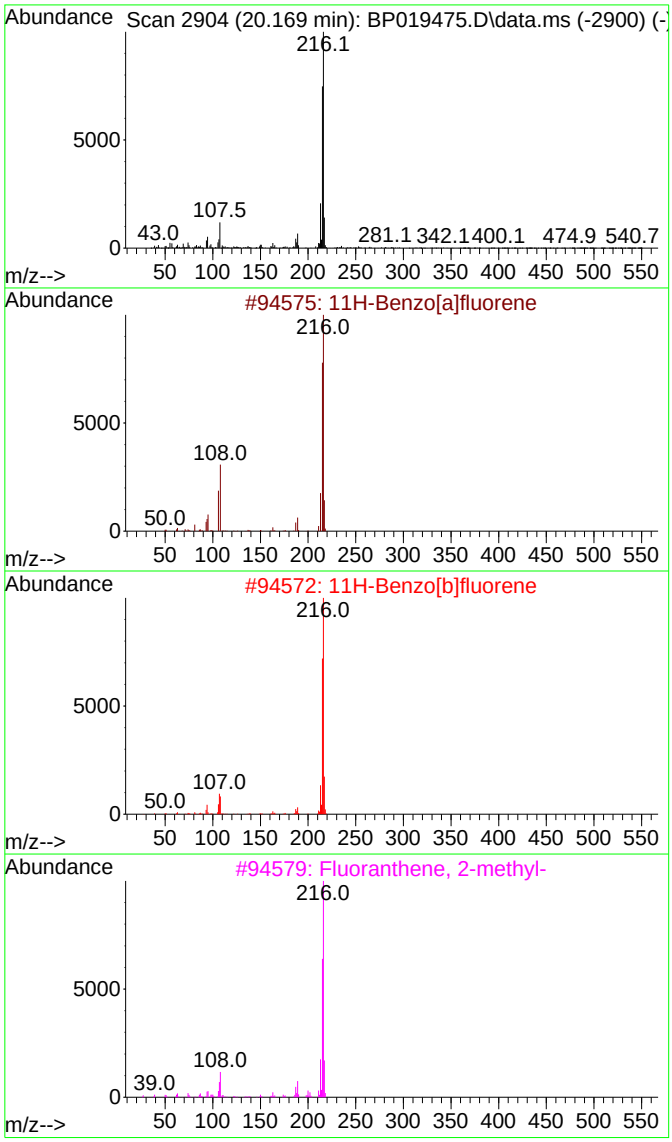
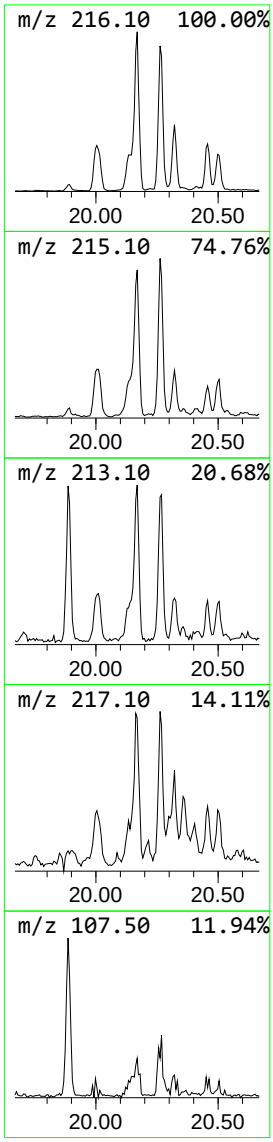
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.169	3.87 ng	248643	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.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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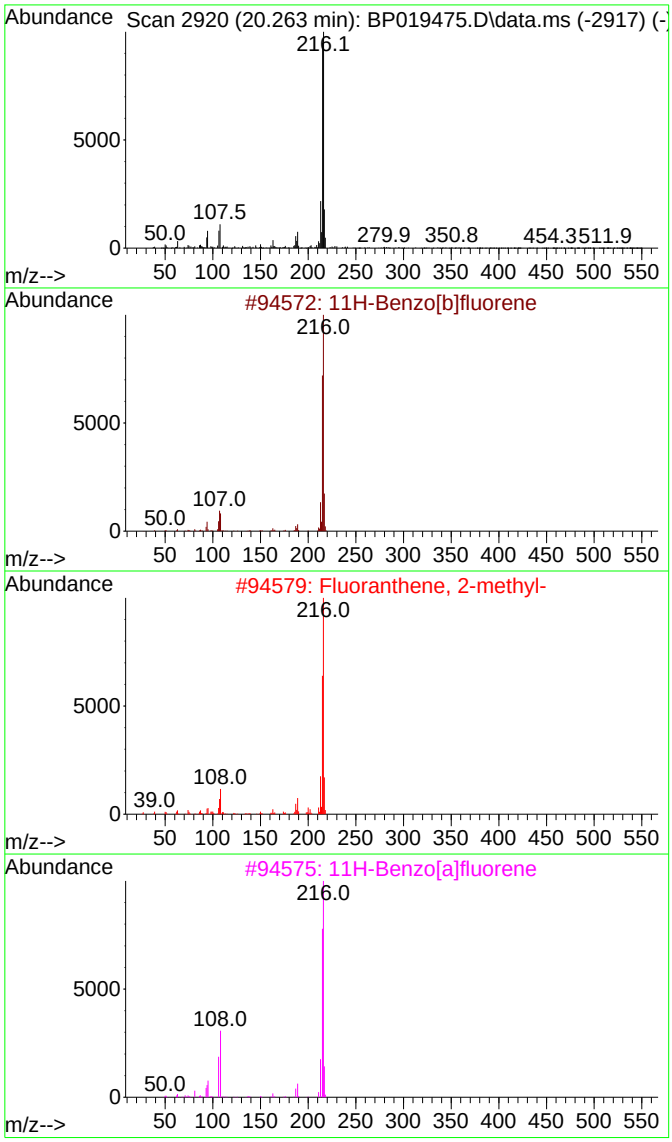
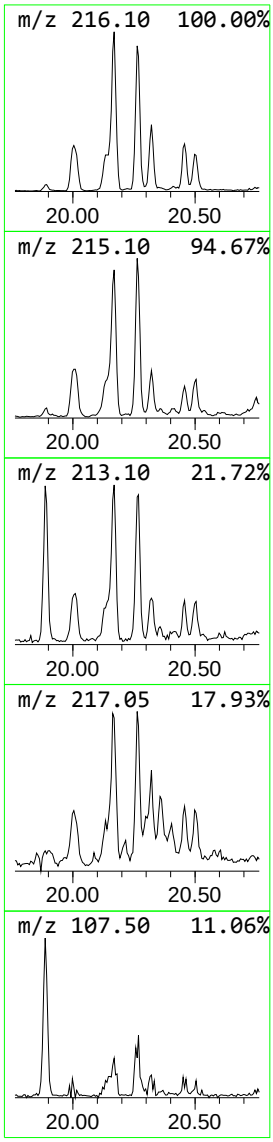
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.263	3.31 ng	212430	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.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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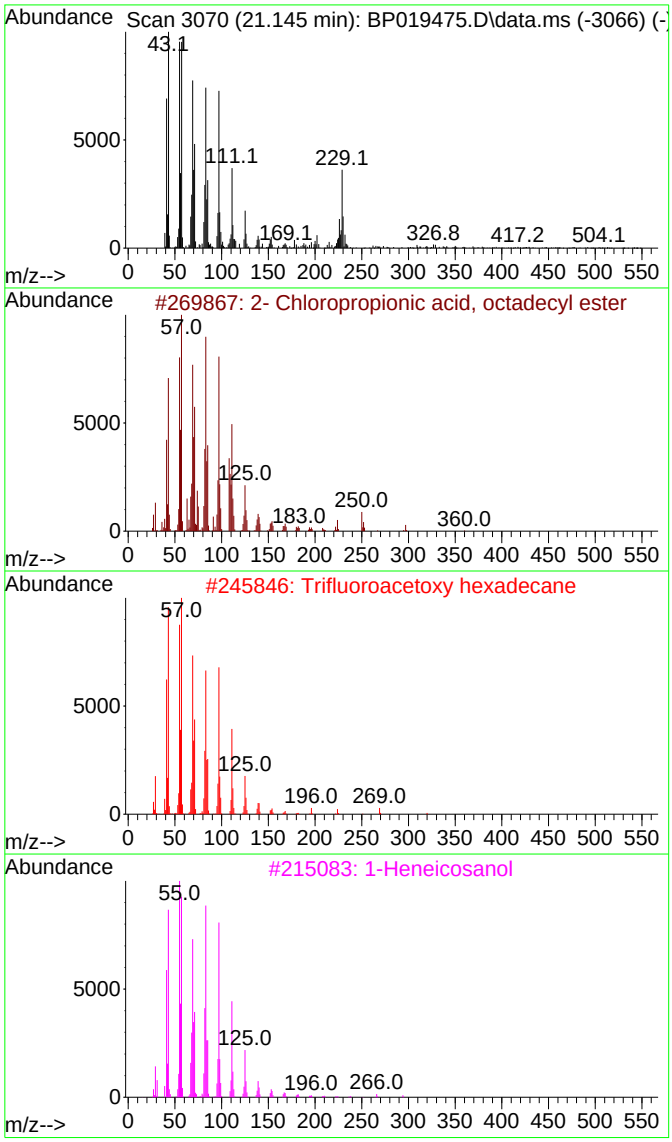
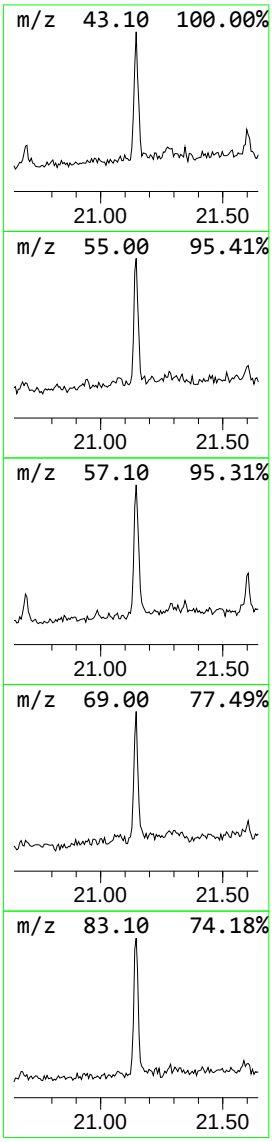
Peak Number 20 2- Chloropropionic acid, oc... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	4.29 ng	275576	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
Operator : MA/JU
Sample : P1260-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	13.887	4.7	ng	252941	3	14.563	1073940	20.0
Naphthalene, 1,...	13.940	2.8	ng	150761	3	14.563	1073940	20.0
Fluorene, 2,4a-...	15.775	3.3	ng	176156	3	14.563	1073940	20.0
Dibenzofuran, 4...	15.904	4.8	ng	256355	3	14.563	1073940	20.0
2,4,2',4'-Tetra...	16.281	5.7	ng	282580	4	17.322	999325	20.0
9H-Fluorene, 1-...	16.622	5.1	ng	254463	4	17.322	999325	20.0
3'-Methyl-[1,1'...	17.051	3.0	ng	149182	4	17.322	999325	20.0
Naphtho[2,1-b]t...	17.134	5.0	ng	247329	4	17.322	999325	20.0
Hexadecanoic ac...	18.010	9.3	ng	465623	4	17.322	999325	20.0
Phenanthrene, 2...	18.186	4.9	ng	244053	4	17.322	999325	20.0
1H-Cyclopropa[l...	18.228	12.4	ng	617490	4	17.322	999325	20.0
Phenanthrene, 1...	18.310	2.9	ng	142933	4	17.322	999325	20.0
4H-Cyclopenta[d...	18.375	10.9	ng	543613	4	17.322	999325	20.0
Methyl 9-cis,11...	19.116	39.0	ng	1946560	4	17.322	999325	20.0
14-Octadecenoic...	19.145	20.8	ng	1037270	4	17.322	999325	20.0
Heptadecanoic a...	19.275	3.3	ng	167057	4	17.322	999325	20.0
Pyrene, 1-methyl-	19.998	2.6	ng	165665	5	21.416	1285000	20.0
11H-Benzo[a]flu...	20.169	3.9	ng	248643	5	21.416	1285000	20.0
11H-Benzo[b]flu...	20.263	3.3	ng	212430	5	21.416	1285000	20.0
2- Chloropropio...	21.145	4.3	ng	275576	5	21.416	1285000	20.0