LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019622.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	401	407	414	rBV	249994	396115	6.85%	0.605%
2	5.910	474	480	489	rVB3	38350	72262	1.25%	0.110%
3	7.081	671	679	686	rBV	241855	405893	7.02%	0.620%
4	7.910	807	820	828	rBV	327683	535187	9.25%	0.818%
5	8.446	904	911	924	rBV	43067	87675	1.52%	0.134%
6	9.075	1012	1018	1024	rBV	149177	262782	4.54%	0.402%
7	10.134	1188	1198	1205	rBV5	24015	82414	1.42%	0.126%
8	10.710	1286	1296	1300	rBV	418762	742384	12.84%	1.134%
9	10.757	1300	1304	1312	rVB	333791	570760	9.87%	0.872%
10	12.369	1569	1578	1585	rVB	409856	660709	11.42%	1.010%
11	12.586	1606	1615	1625	rVB	424554	713714	12.34%	1.091%
12	13.169	1708	1714	1721	rVB	437063	634670	10.97%	0.970%
13	13.375	1736	1749	1755	rBV2	75789	161934	2.80%	0.247%
14	13.445	1755	1761	1770	rVV	103366	183574	3.17%	0.281%
15	13.575	1779	1783	1797	rVB	71116	171768	2.97%	0.262%
16	13.716	1799	1807	1815	rBV4	187023	508269	8.79%	0.777%
17	13.863	1826	1832	1837	rBV	345191	616350	10.66%	0.942%
18	13.922	1837	1842	1851	rVV	222186	379571	6.56%	0.580%
19	13.998	1851	1855	1864	rVV2	80738	150714	2.61%	0.230%
20	14.098	1865	1872	1876	rVV	168198	287337	4.97%	0.439%
21	14.133	1876	1878	1884	rVB	66662	82070	1.42%	0.125%
22	14.269	1892	1901	1913	rBV	470291	793277	13.72%	1.212%
23	14.451	1926	1932	1937	rBV	43366	69226	1.20%	0.106%
24	14.545	1938	1948	1953	rVV	616959	1044583	18.06%	1.596%
25	14.604	1953	1958	1966	rVV	373428	615947	10.65%	0.941%
26	14.757	1977	1984	1992	rBV4	66300	166814	2.88%	0.255%
27	14.839	1992	1998	2005	rBV6	39033	100225	1.73%	0.153%
28	14.945	2008	2016	2023	rVB	374520	633066	10.95%	0.967%
29	15.022	2023	2029	2033	rVB	142419	209270	3.62%	0.320%
30	15.075	2034	2038	2045	rVB6	36916	70430	1.22%	0.108%
31	15.157	2045	2052	2057	rBV3	145973	309262	5.35%	0.473%
32	15.216	2058	2062	2066	rVB	96530	127719	2.21%	0.195%
33	15.333	2074	2082	2085	rBV3	82838	202606	3.50%	0.310%
34	15.363	2085	2087	2091	rVB	53984	60115	1.04%	0.092%
35	15.410	2091	2095	2102	rVB2	85235	152149	2.63%	0.232%
36	15.504	2103	2111	2112	rBV4	50354	99537	1.72%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.592	2120	2126	2138	rVB	778523	1260605	21.80%	1.926%
38	15.686	2138	2142	2144	rBV	47069	69137	1.20%	0.106%
39	15.716	2144	2147	2150	rVV3	79491	108145	1.87%	0.165%
40	15.751	2150	2153	2158	rVB4	72302	101975	1.76%	0.156%
41	15.804	2158	2162	2167	rBV3	91232	154534	2.67%	0.236%
42	15.886	2172	2176	2186	rVB3	139449	270834	4.68%	0.414%
43	16.033	2193	2201	2210	rVV4	451016	872443	15.09%	1.333%
44	16.116	2210	2215	2225	rVB3	46202	124773	2.16%	0.191%
45	16.275	2236	2242	2252	rVB3	159255	287873	4.98%	0.440%
46	16.604	2290	2298	2302	rBV2	204471	415102	7.18%	0.634%
47	16.651	2302	2306	2311	rVV2	138106	197195	3.41%	0.301%
48	16.751	2318	2323	2328	rVB	127145	193454	3.34%	0.296%
49	16.874	2340	2344	2347	rVB3	77756	111076	1.92%	0.170%
50	16.957	2354	2358	2365	rVB3	72891	129805	2.24%	0.198%
51	17.027	2366	2370	2375	rBV3	77274	152708	2.64%	0.233%
52	17.116	2380	2385	2394	rVB	320186	525364	9.08%	0.803%
53	17.298	2411	2416	2419	rBV	716505	1048952	18.14%	1.603%
54	17.345	2419	2424	2430	rVV	3206573	4647124	80.35%	7.101%
55	17.433	2434	2439	2444	rVB	1101324	1491743	25.79%	2.280%
56	17.492	2444	2449	2455	rBV3	151919	297783	5.15%	0.455%
57	17.710	2481	2486	2496	rVV	264692	470359	8.13%	0.719%
58	17.821	2501	2505	2509	rVV2	107496	180432	3.12%	0.276%
59	17.880	2511	2515	2522	rVB2	157452	251546	4.35%	0.384%
60	18.021	2534	2539	2547	rVB	127466	239995	4.15%	0.367%
61	18.169	2559	2564	2568	rBV	616288	928707	16.06%	1.419%
62	18.216	2568	2572	2579	rVB	841425	1194567	20.65%	1.825%
63	18.292	2580	2585	2590	rBV	373397	557541	9.64%	0.852%
64	18.357	2590	2596	2600	rVV2	1075086	1975706	34.16%	3.019%
65	18.392	2600	2602	2607	rVB	462608	515018	8.91%	0.787%
66	18.551	2625	2629	2633	rVB3	100912	144927	2.51%	0.221%
67	18.651	2642	2646	2650	rBV	301738	386957	6.69%	0.591%
68	18.774	2664	2667	2669	rBV	43220	58082	1.00%	0.089%
69	18.857	2678	2681	2683	rBV2	76602	92449	1.60%	0.141%
70	18.886	2684	2686	2690	rVV	144201	200448	3.47%	0.306%
71	18.939	2691	2695	2698	rVV	238761	336455	5.82%	0.514%
72	18.974	2698	2701	2705	rVB2	181559	237090	4.10%	0.362%
73	19.057	2710	2715	2719	rBV	499516	839398	14.51%	1.283%
74	19.116	2719	2725	2728	rBV4	269368	475351	8.22%	0.726%
75	19.186	2734	2737	2745	rBV2	173065	430756	7.45%	0.658%
76	19.310	2753	2758	2764	rBV	3523673	4910987	84.91%	7.504%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.380	2766	2770	2772	rVV2	123627	178045	3.08%	0.272%
78	19.410	2772	2775	2778	rVV3	132531	177812	3.07%	0.272%
79	19.457	2779	2783	2787	rVB	246209	325155	5.62%	0.497%
80	19.545	2794	2798	2801	rBV	178346	243980	4.22%	0.373%
81	19.663	2808	2818	2826	rBV	3495903	5783463	100.00%	8.838%
82	19.733	2826	2830	2837	rVB2	250124	408715	7.07%	0.625%
83	19.863	2849	2852	2856	rVB	594463	665332	11.50%	1.017%
84	19.974	2867	2871	2878	rBV4	287413	702637	12.15%	1.074%
85	20.145	2890	2900	2904	rVB	805787	1574682	27.23%	2.406%
86	20.245	2913	2917	2921	rBV	746886	912526	15.78%	1.394%
87	20.304	2922	2927	2930	rVB2	438974	635629	10.99%	0.971%
88	20.439	2946	2950	2953	rBV	298160	392825	6.79%	0.600%
89	20.480	2954	2957	2961	rVV	327076	404336	6.99%	0.618%
90	21.039	3050	3052	3056	rVB	251368	269920	4.67%	0.412%
91	21.080	3056	3059	3062	rVB	254125	268795	4.65%	0.411%
92	21.121	3062	3066	3072	rBV2	233945	420889	7.28%	0.643%
93	21.380	3105	3110	3115	rBV2	2009917	3733682	64.56%	5.705%
94	21.433	3115	3119	3127	rVB	1403627	2092184	36.18%	3.197%
95	21.551	3136	3139	3145	rBV	242123	438809	7.59%	0.671%
96	23.080	3393	3399	3405	rBV	969125	2489388	43.04%	3.804%
97	23.604	3484	3488	3498	rVB	602258	1208705	20.90%	1.847%
98	23.709	3501	3506	3515	rVB	1037725	2064960	35.70%	3.155%
99	23.815	3520	3524	3530	rVB	435940	800991	13.85%	1.224%

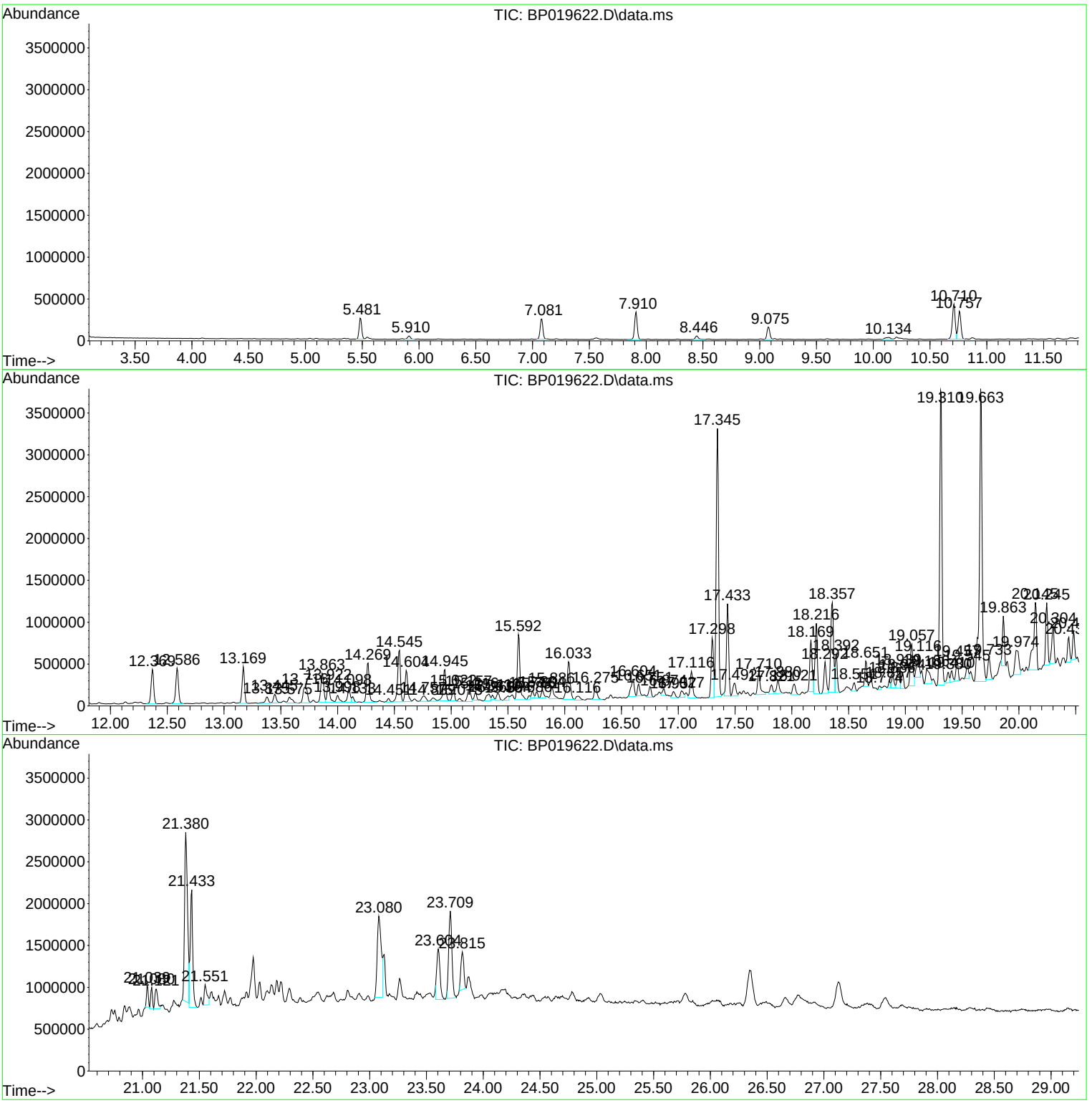
Sum of corrected areas: 65441234

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
HD-01-020724

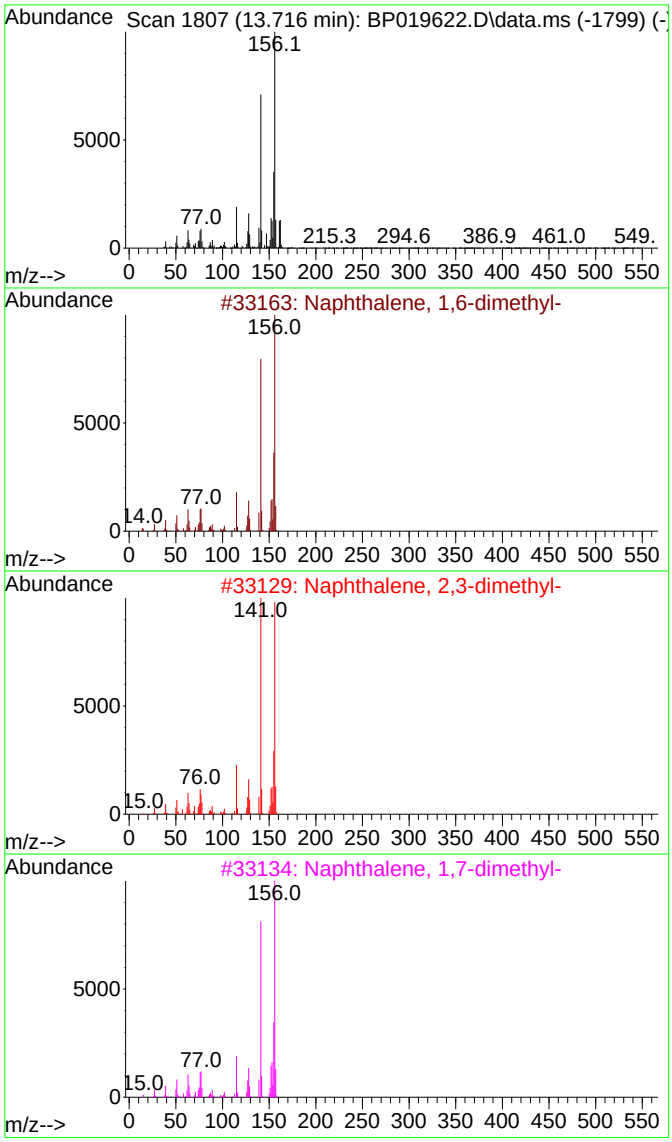
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

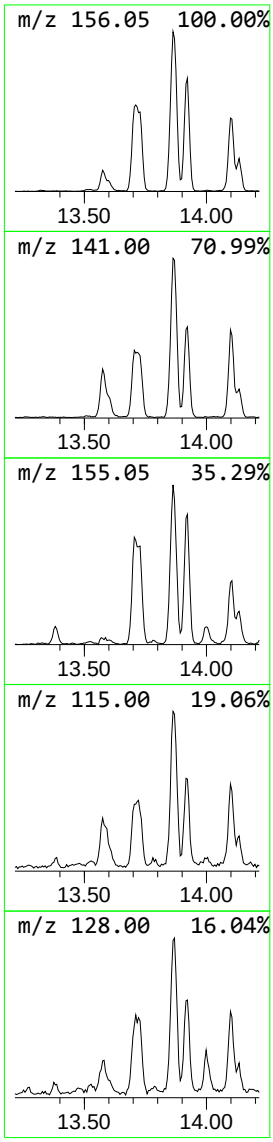
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	9.73 ng	508269	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

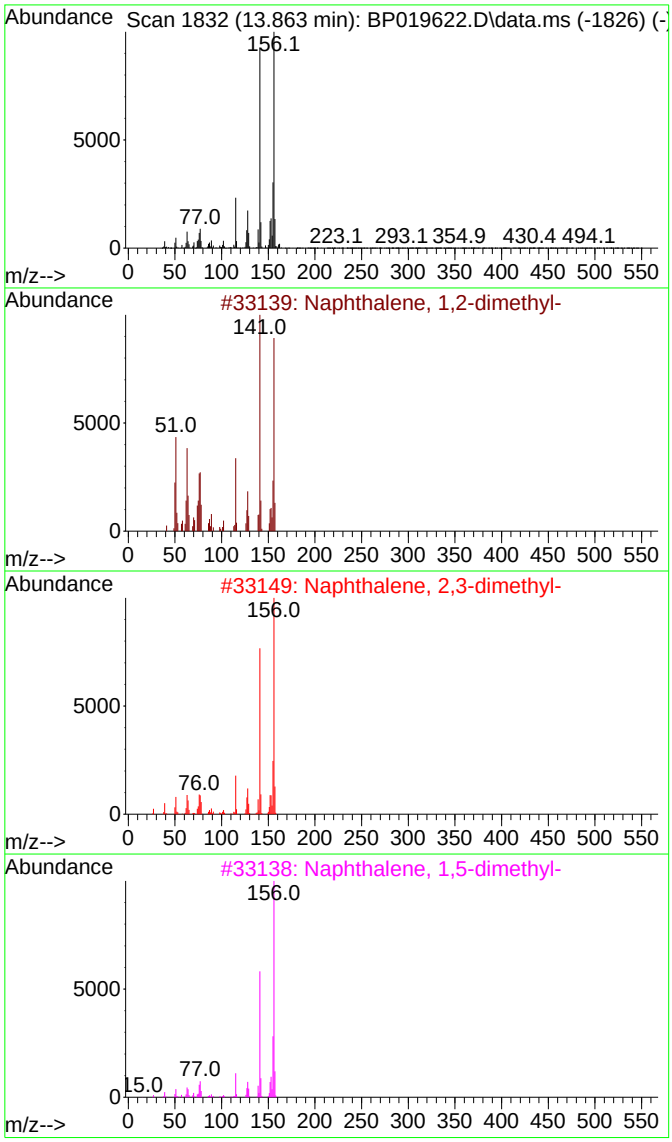
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

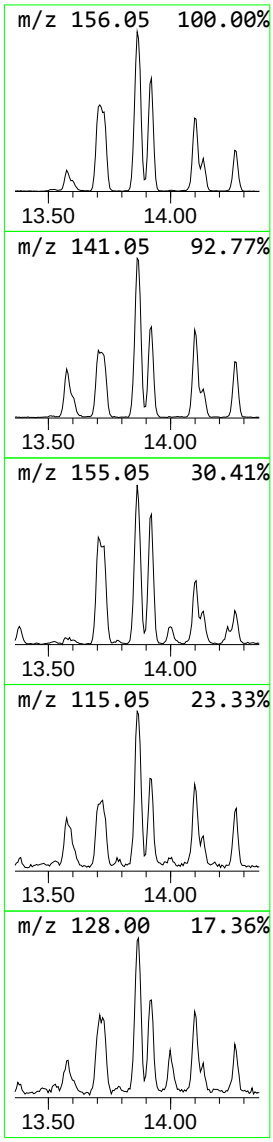
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	11.80 ng	616350	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

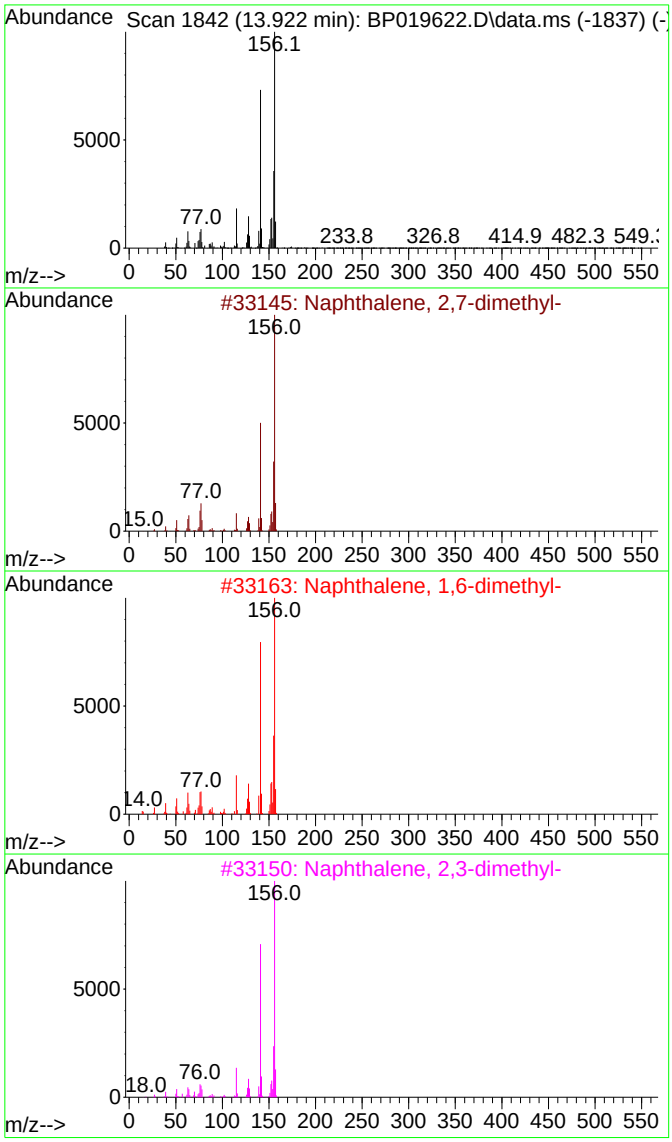
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

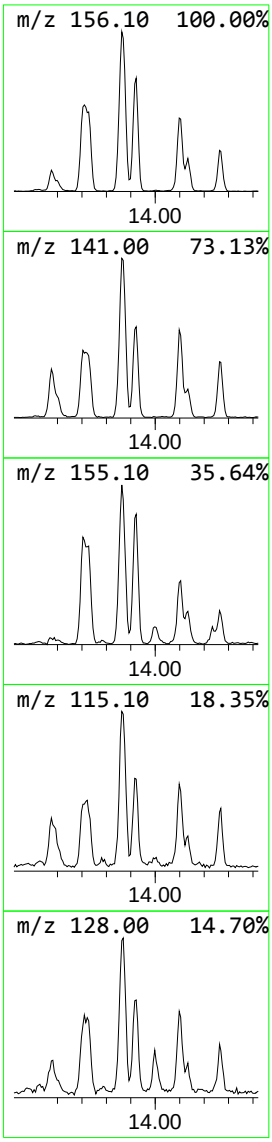
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	7.27 ng	379571	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

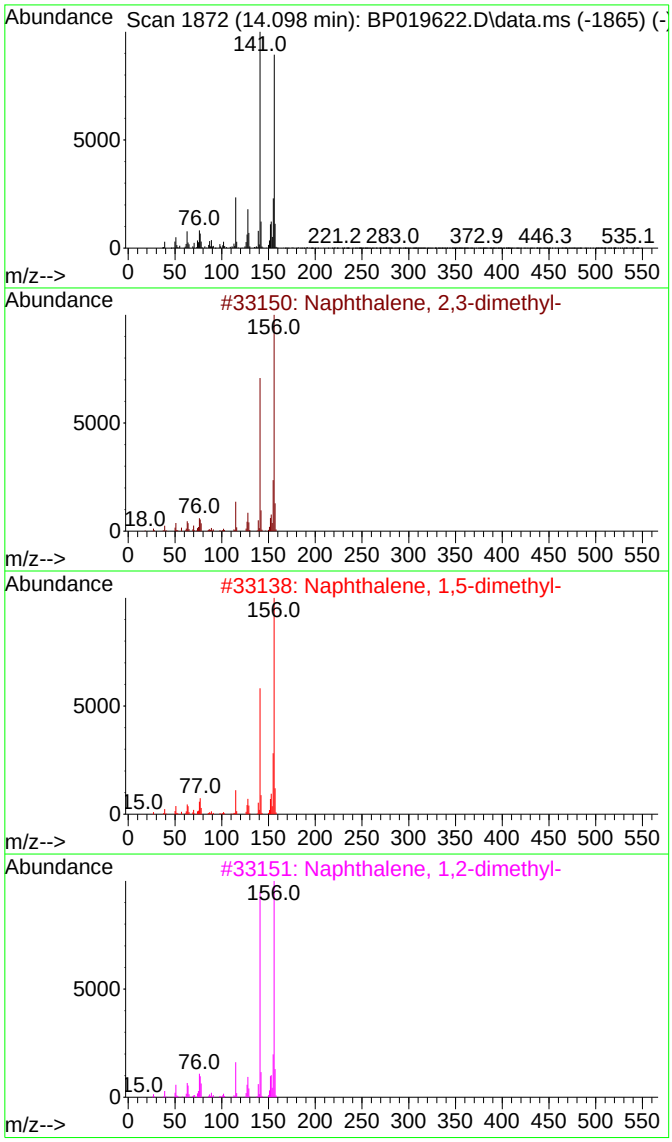
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

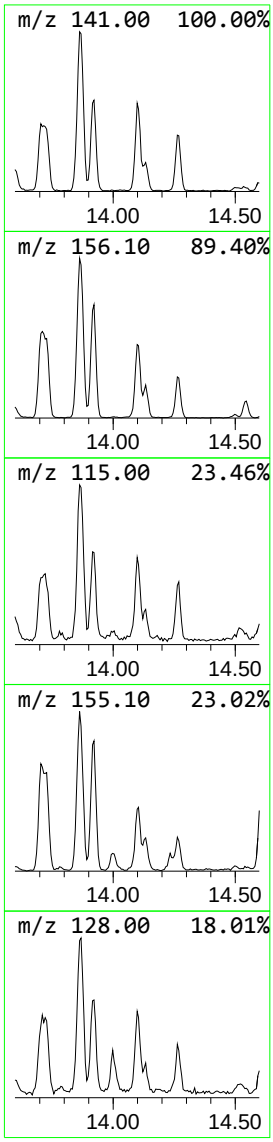
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	5.50 ng	287337	Acenaphthene-d10	14.545

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	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

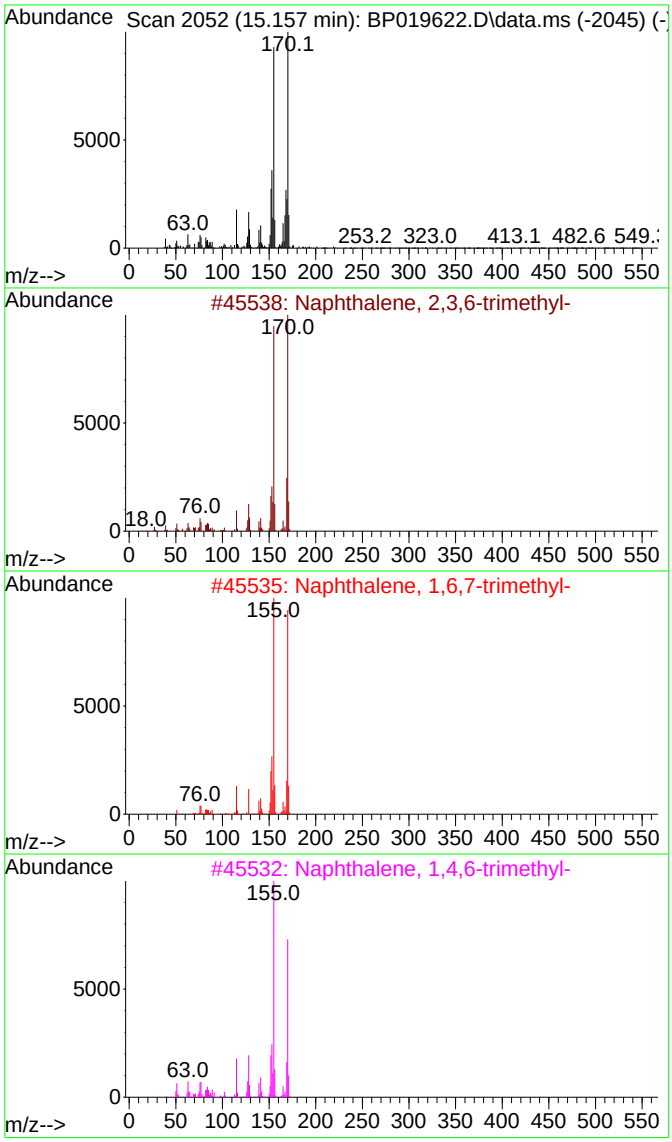
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

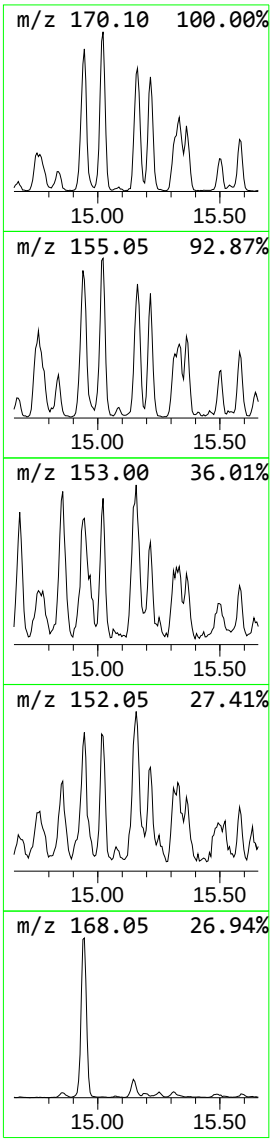
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	5.92 ng	309262	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Acq On : 08 Feb 2024 22:50
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Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-020724

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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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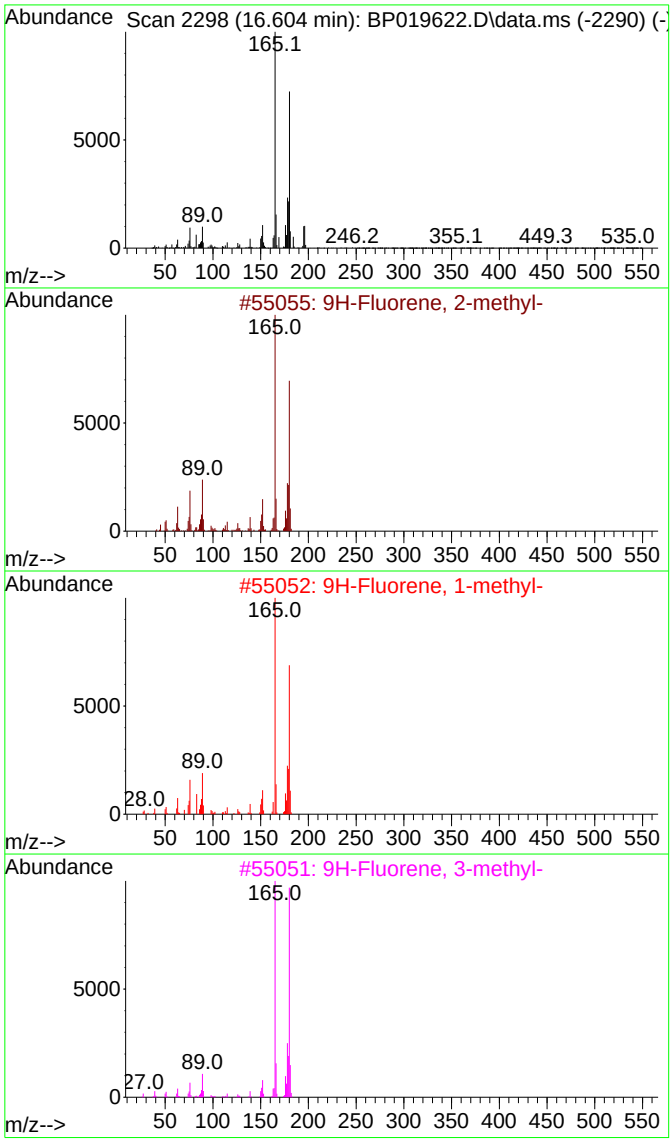
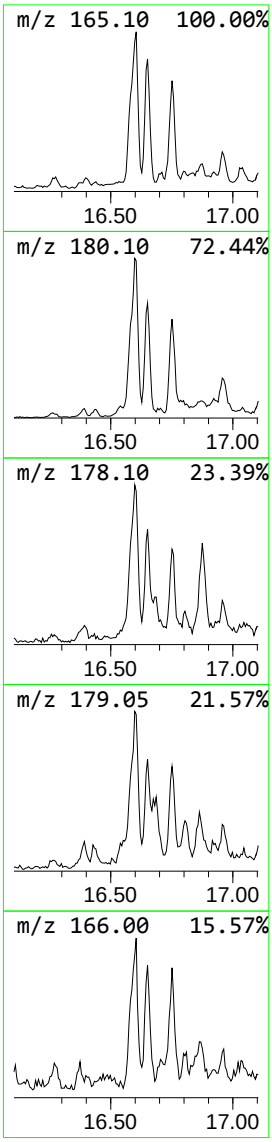
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	7.91 ng	415102	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	53





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Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

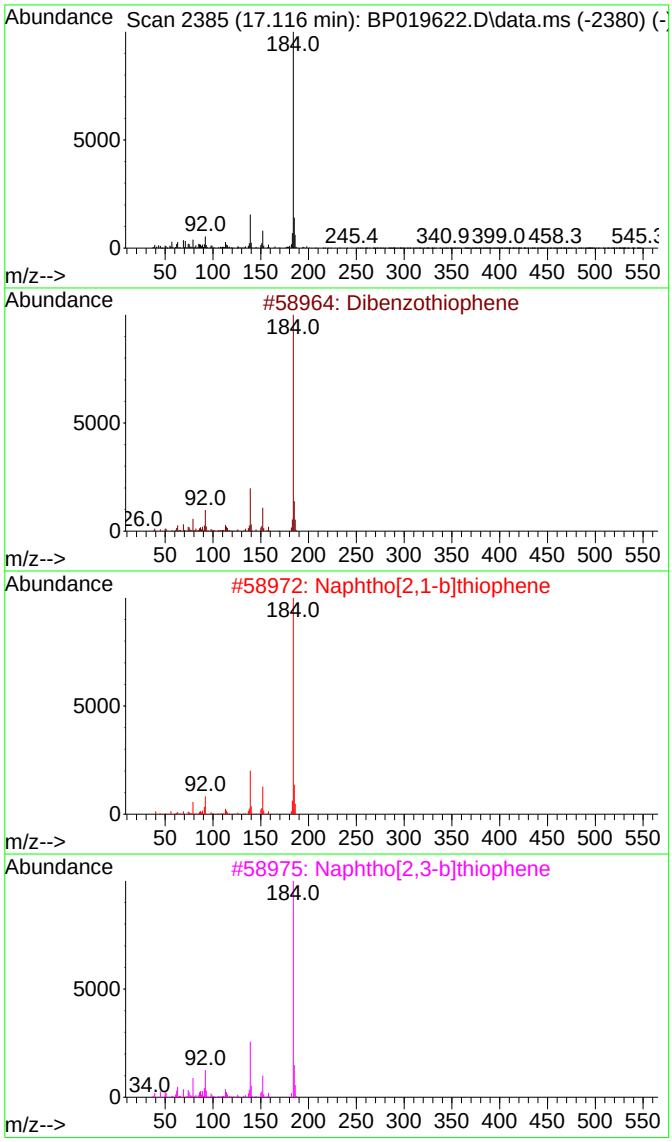
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

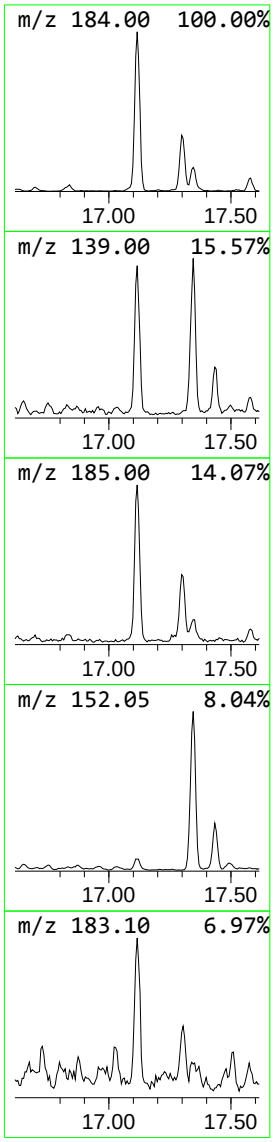
****

Peak Number 7 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	10.02 ng	525364	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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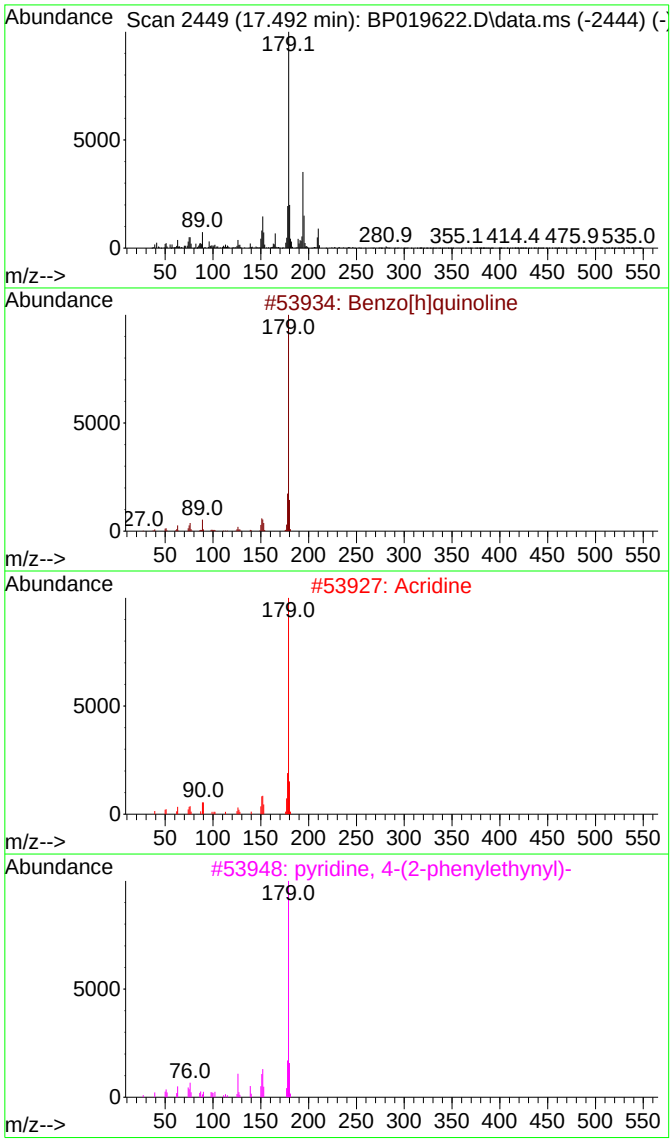
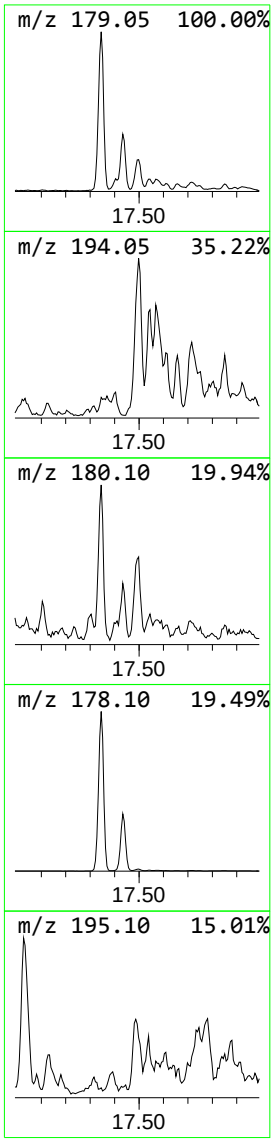
Peak Number 8 Benzo[h]quinoline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	5.68 ng	297783	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
2	Acridine	179	C13H9N	000260-94-6	70
3	pyridine, 4-(2-phenylethynyl)-	179	C13H9N	1000404-81-1	62
4	Phenanthridine	179	C13H9N	000229-87-8	58
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	58





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Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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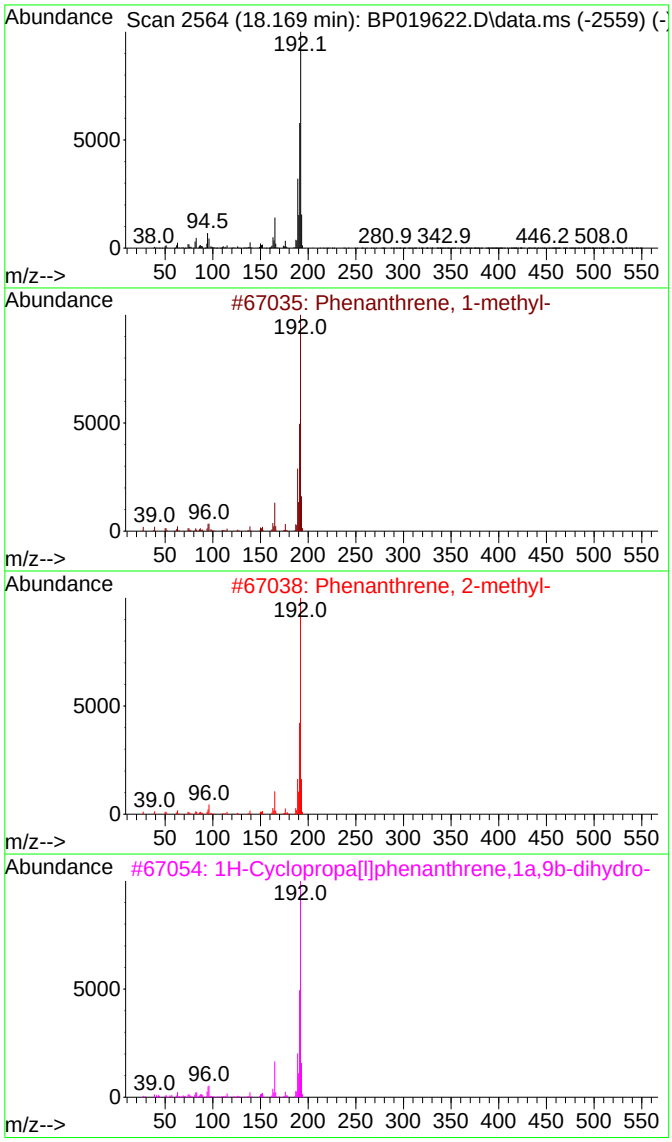
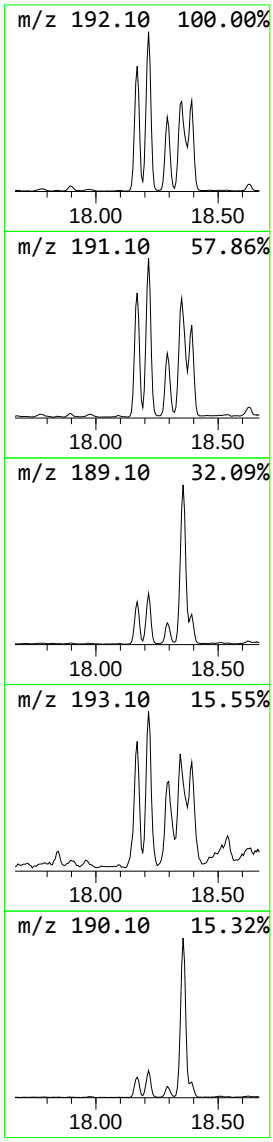
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	17.71 ng	928707	Phenanthrene-d10	17.298

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 08 Feb 2024 22:50
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Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

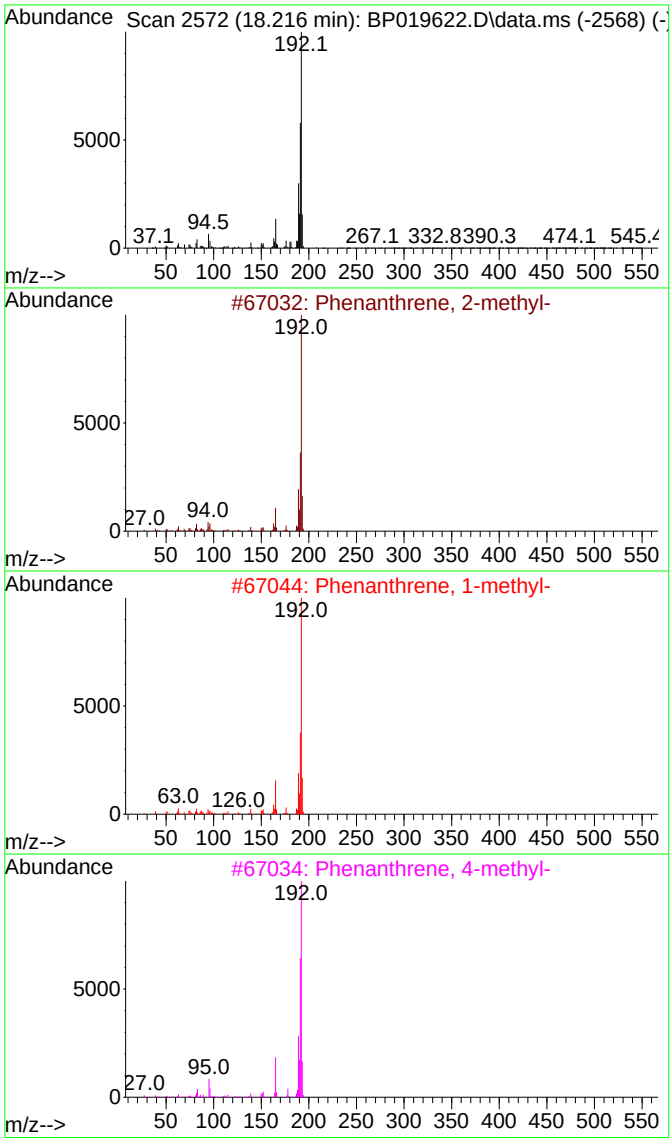
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

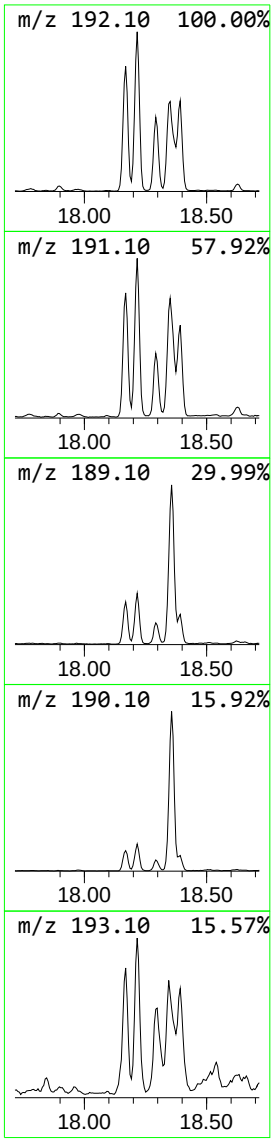
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	22.78 ng	1194570	Phenanthrene-d10	17.298

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	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	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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Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

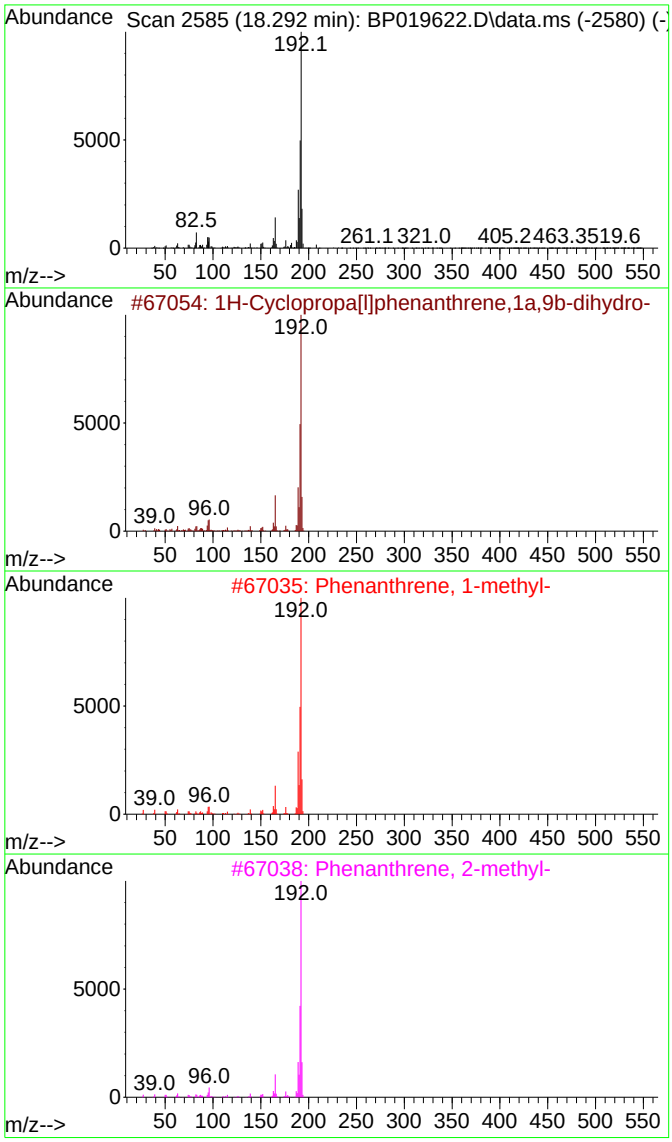
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

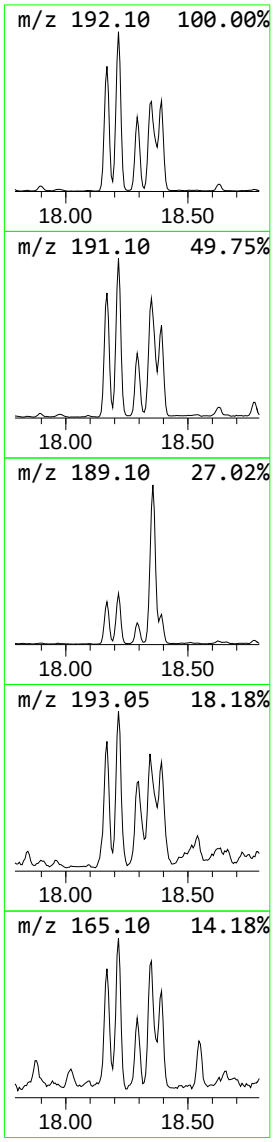
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	10.63 ng	557541	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

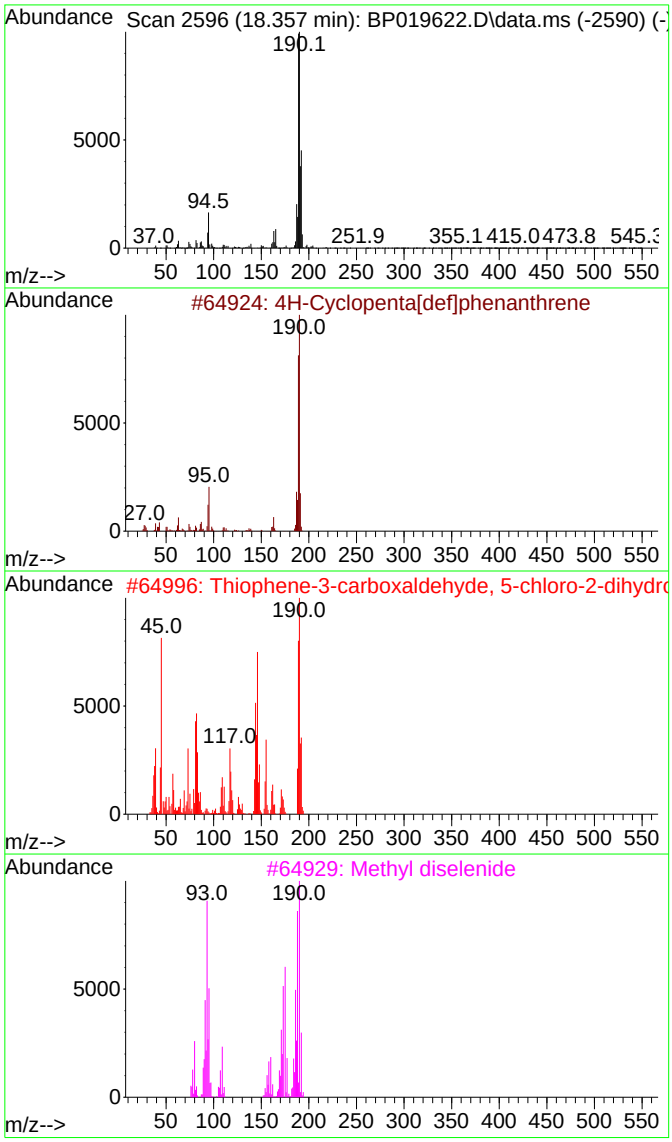
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

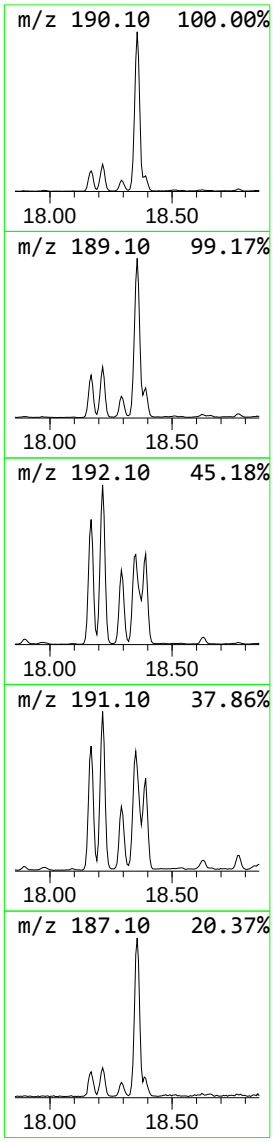
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	37.67 ng	1975710	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Sample : P1387-01 5X
Misc :
ALS Vial : 19 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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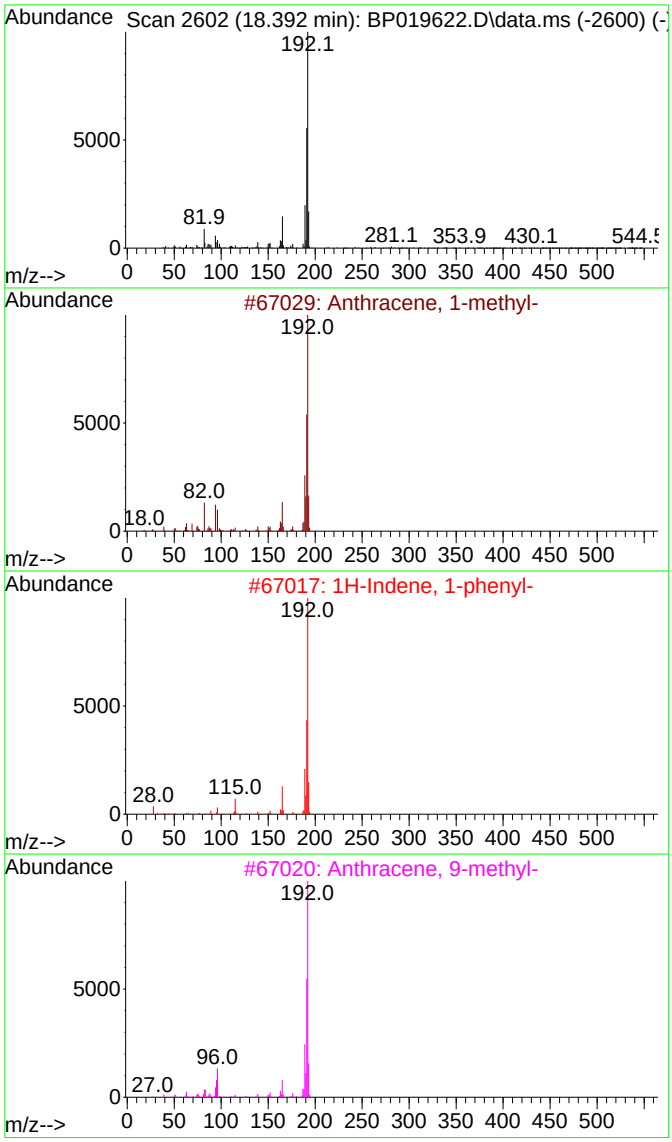
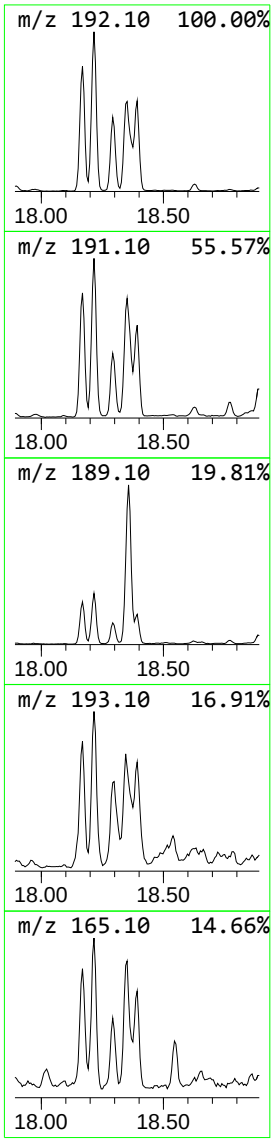
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	9.82 ng	515018	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	68





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Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

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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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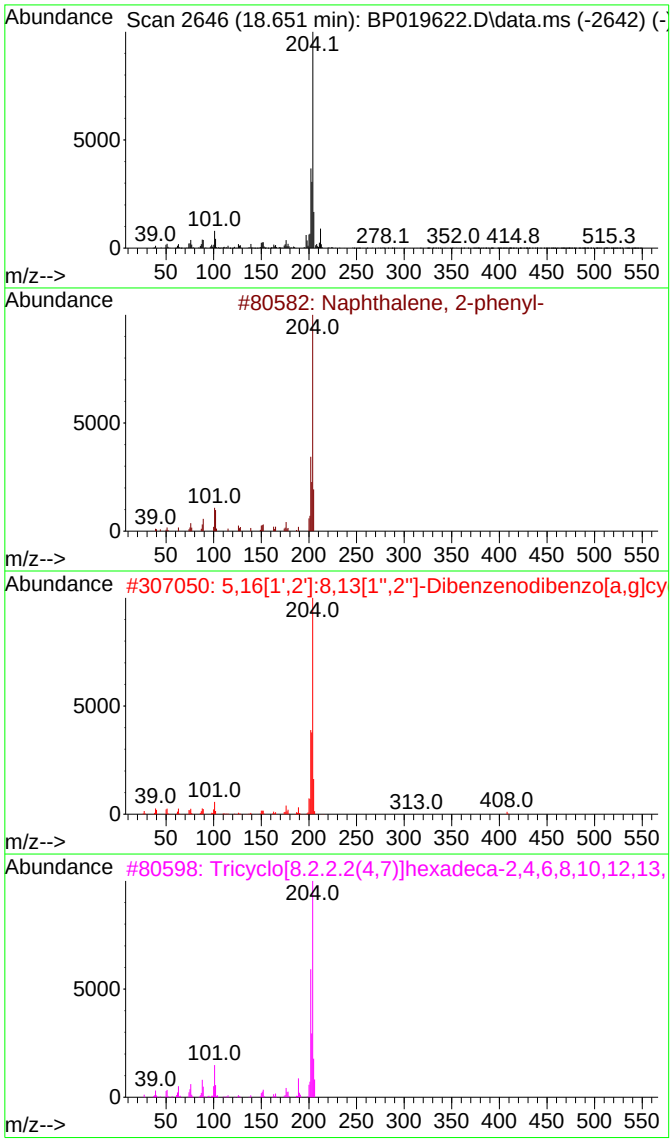
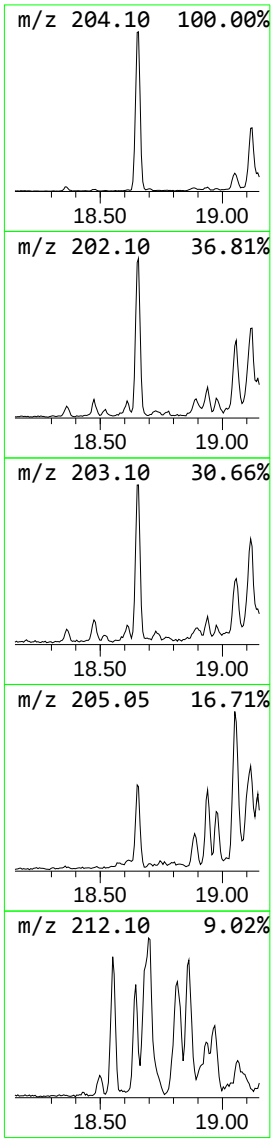
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	7.38 ng	386957	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-020724

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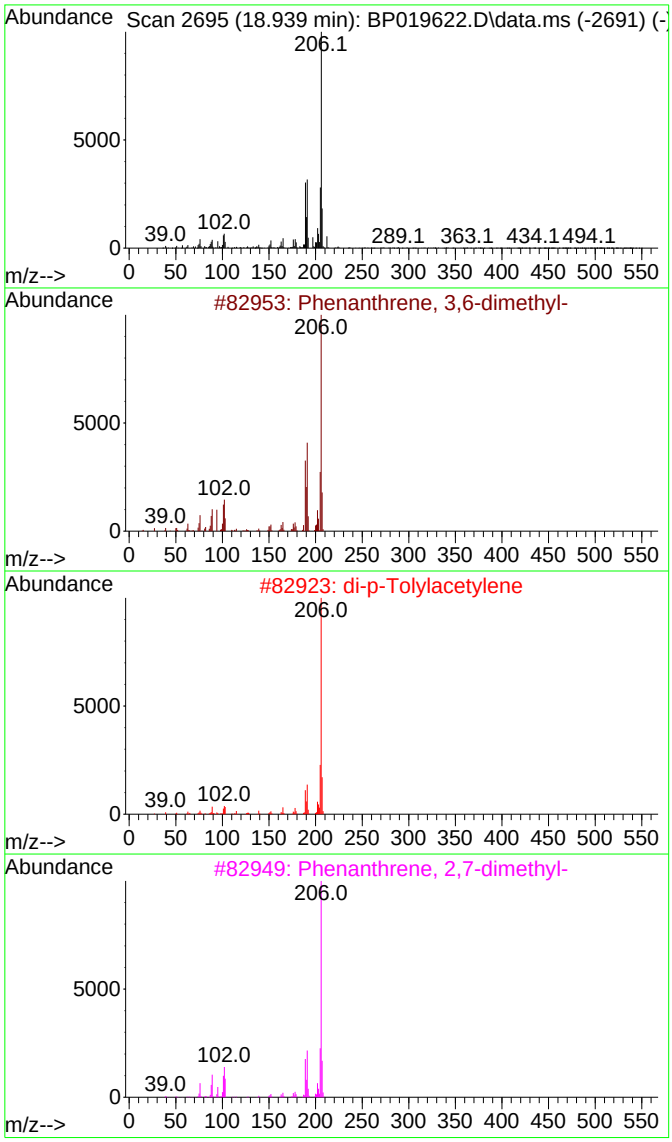
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

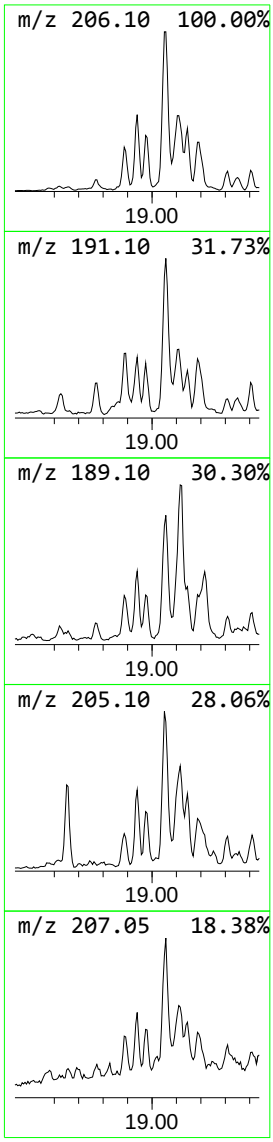
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	6.42 ng	336455	Phenanthrene-d10	17.298

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	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74





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ALS Vial : 19 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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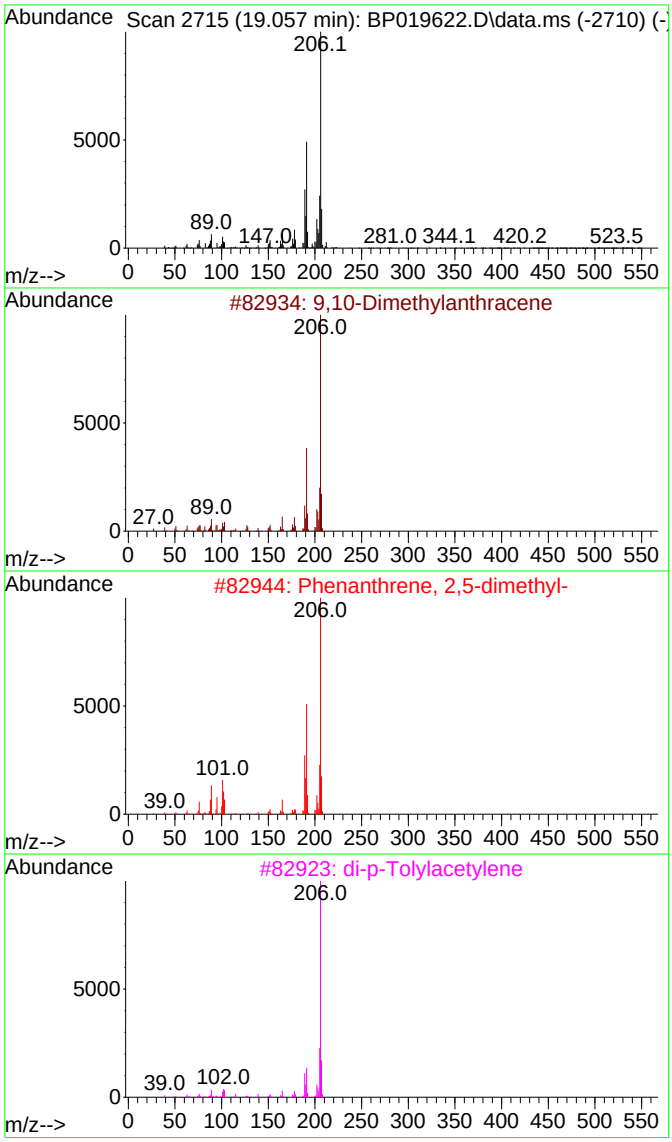
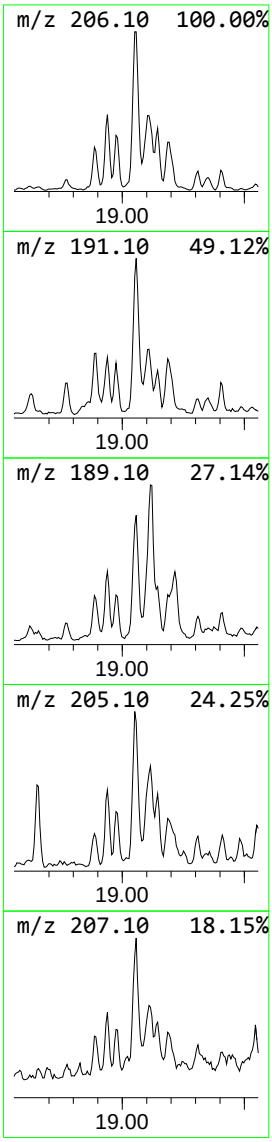
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	16.00 ng	839398	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

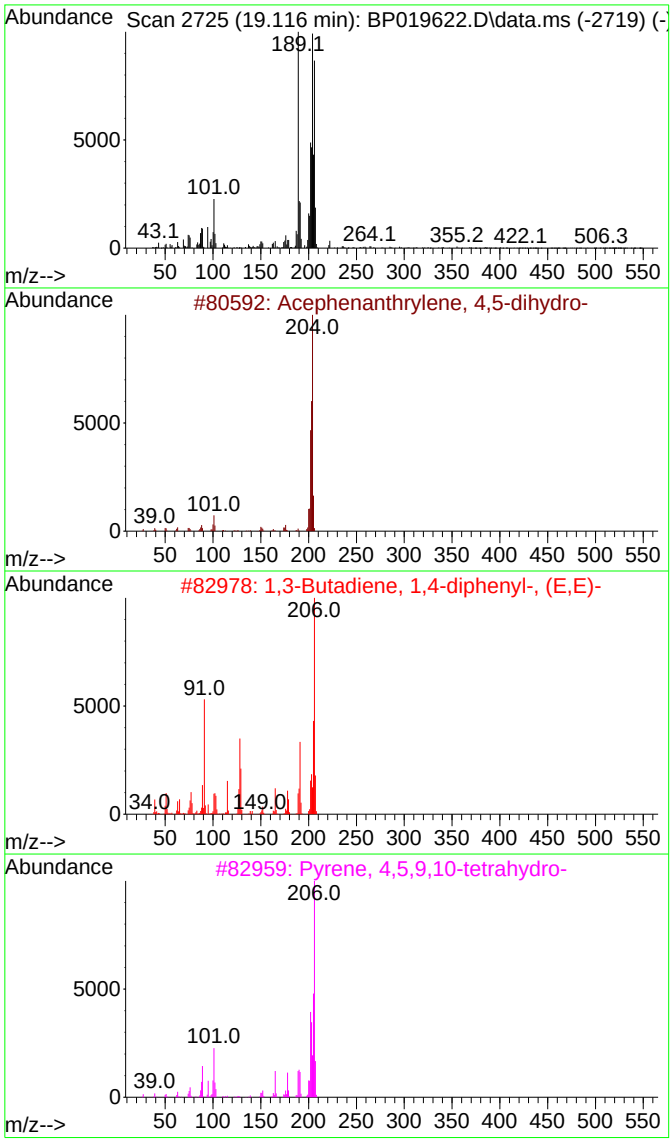
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

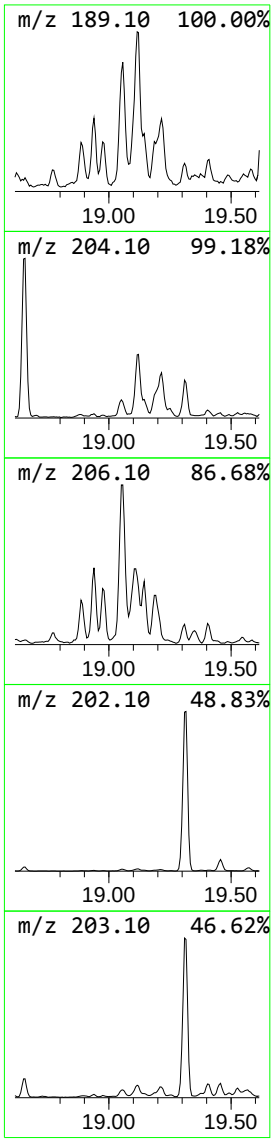
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Acephenanthrylene, 4,5-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	9.06 ng	475351	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	70
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	42
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38





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Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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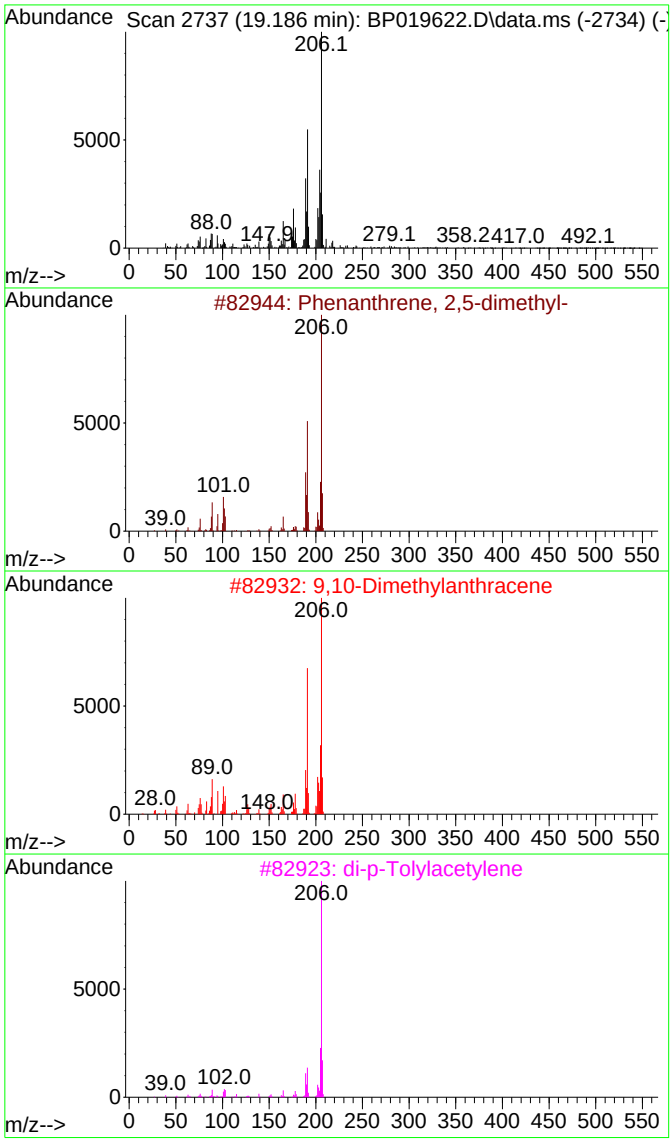
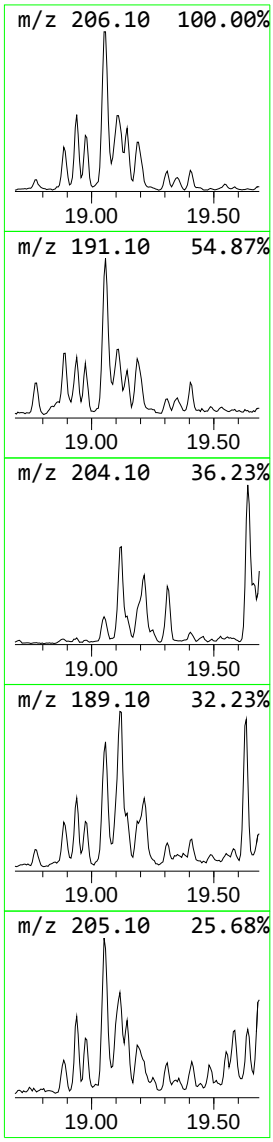
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	8.21 ng	430756	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76





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Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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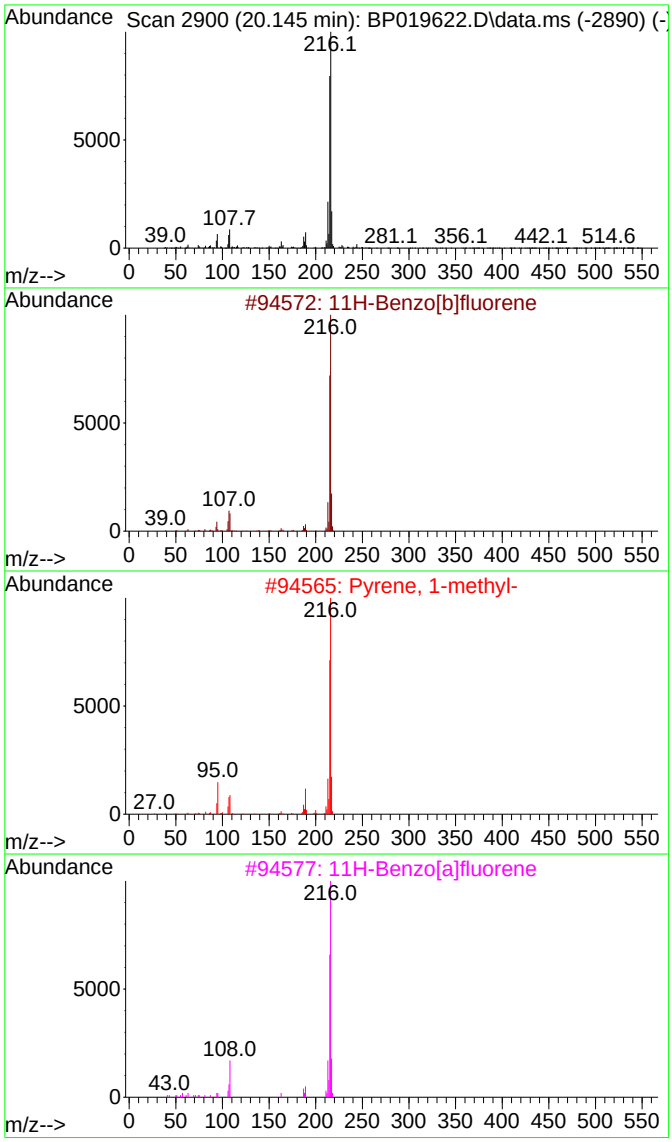
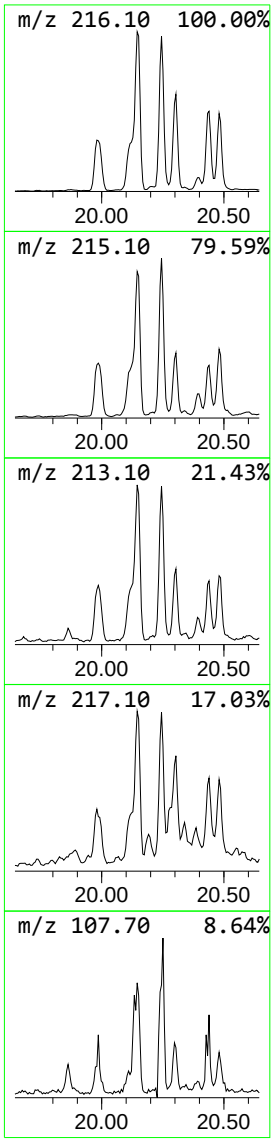
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	8.44 ng	1574680	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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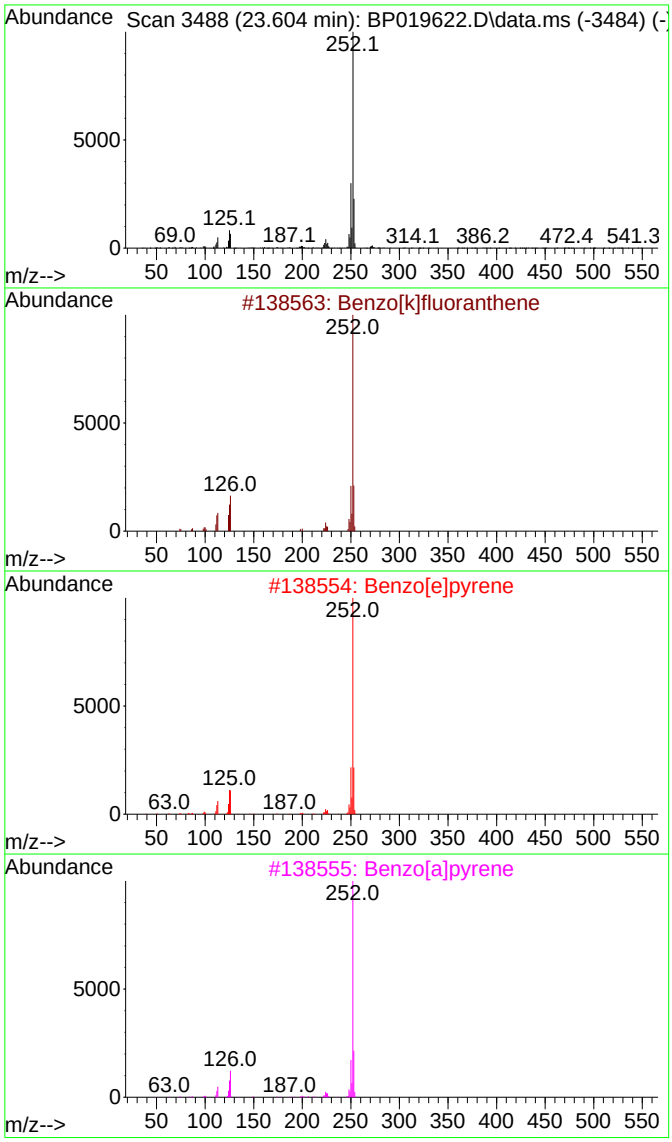
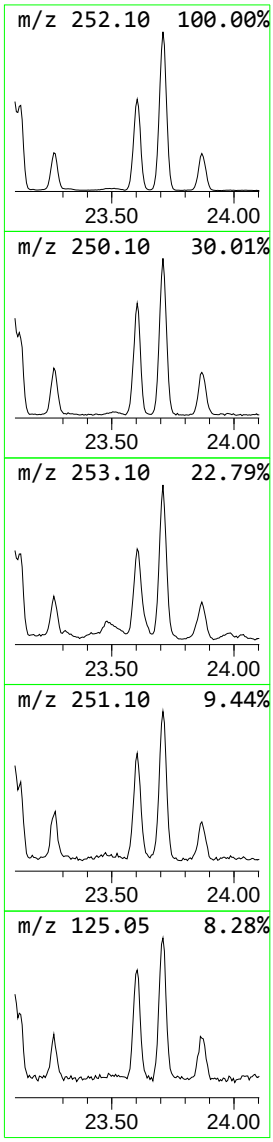
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.604	30.18 ng	1208710	Perylene-d12	23.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019622.D
Acq On : 08 Feb 2024 22:50
Operator : MA/JU
Sample : P1387-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-020724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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,...	13.716	9.7	ng	508269	3	14.545	1044580	20.0
Naphthalene, 1,...	13.863	11.8	ng	616350	3	14.545	1044580	20.0
Naphthalene, 2,...	13.922	7.3	ng	379571	3	14.545	1044580	20.0
Naphthalene, 2,...	14.098	5.5	ng	287337	3	14.545	1044580	20.0
Naphthalene, 2,...	15.157	5.9	ng	309262	3	14.545	1044580	20.0
9H-Fluorene, 2-...	16.604	7.9	ng	415102	4	17.298	1048950	20.0
Dibenzothiophene	17.116	10.0	ng	525364	4	17.298	1048950	20.0
Benzo[h]quinoline	17.492	5.7	ng	297783	4	17.298	1048950	20.0
Phenanthrene, 1...	18.169	17.7	ng	928707	4	17.298	1048950	20.0
Phenanthrene, 2...	18.216	22.8	ng	1194570	4	17.298	1048950	20.0
1H-Cyclopropa[l...	18.292	10.6	ng	557541	4	17.298	1048950	20.0
4H-Cyclopenta[d...	18.357	37.7	ng	1975710	4	17.298	1048950	20.0
Anthracene, 1-m...	18.392	9.8	ng	515018	4	17.298	1048950	20.0
Naphthalene, 2-...	18.651	7.4	ng	386957	4	17.298	1048950	20.0
Phenanthrene, 3...	18.939	6.4	ng	336455	4	17.298	1048950	20.0
9,10-Dimethylan...	19.057	16.0	ng	839398	4	17.298	1048950	20.0
Acephenanthryle...	19.116	9.1	ng	475351	4	17.298	1048950	20.0
Phenanthrene, 2...	19.186	8.2	ng	430756	4	17.298	1048950	20.0
11H-Benzo[b]flu...	20.145	8.4	ng	1574680	5	21.392	3733680	20.0
Benzo[e]pyrene	23.604	30.2	ng	1208710	6	23.815	800991	20.0