LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	299	304	314	rVB	132351	184759	1.81%	0.183%
2	5.334	375	382	397	rBV	1389827	2085743	20.45%	2.068%
3	6.893	640	647	667	rBV	1288522	2194425	21.52%	2.175%
4	7.710	778	786	795	rBV	466658	740851	7.26%	0.734%
5	8.857	973	981	996	rBV	845454	1409913	13.82%	1.398%
6	10.481	1249	1257	1265	rBV	604194	1020127	10.00%	1.011%
7	12.146	1533	1540	1546	rBV	108579	179330	1.76%	0.178%
8	12.369	1570	1578	1587	rVB	239833	404906	3.97%	0.401%
9	12.951	1670	1677	1690	rVB	2227098	3249436	31.86%	3.221%
10	13.163	1708	1713	1724	rBV	257890	402256	3.94%	0.399%
11	13.357	1742	1746	1759	rVB	84354	198510	1.95%	0.197%
12	13.493	1762	1769	1771	rBV	252089	375934	3.69%	0.373%
13	13.651	1790	1796	1801	rBV	399359	719376	7.05%	0.713%
14	13.704	1801	1805	1814	rVB	269405	418206	4.10%	0.415%
15	13.898	1830	1838	1841	rBV	196356	303549	2.98%	0.301%
16	14.063	1858	1866	1873	rVB	190482	296833	2.91%	0.294%
17	14.163	1876	1883	1891	rBV	306407	560395	5.49%	0.556%
18	14.340	1903	1913	1919	rBV2	849804	1636955	16.05%	1.623%
19	14.410	1919	1925	1933	rVB	1930893	2990492	29.32%	2.964%
20	14.557	1944	1950	1958	rBV	93079	211770	2.08%	0.210%
21	14.657	1958	1967	1972	rBV3	101917	204091	2.00%	0.202%
22	14.751	1972	1983	1991	rBV	1322280	2026190	19.87%	2.009%
23	14.828	1991	1996	2003	rVV	151936	196697	1.93%	0.195%
24	14.981	2014	2022	2027	rBV3	152305	372444	3.65%	0.369%
25	15.028	2027	2030	2035	rVB	109168	154566	1.52%	0.153%
26	15.151	2043	2051	2054	rBV	119055	222696	2.18%	0.221%
27	15.339	2081	2083	2089	rVV2	74992	128347	1.26%	0.127%
28	15.416	2089	2096	2107	rVV	1851739	3062253	30.02%	3.036%
29	15.510	2107	2112	2114	rVV	155085	224628	2.20%	0.223%
30	15.534	2114	2116	2119	rVV	251739	305242	2.99%	0.303%
31	15.569	2119	2122	2127	rVV2	360203	501428	4.92%	0.497%
32	15.622	2127	2131	2134	rVV3	114286	186444	1.83%	0.185%
33	15.663	2134	2138	2142	rVV2	137804	245587	2.41%	0.243%
34	15.716	2142	2147	2155	rVB2	461175	1061556	10.41%	1.052%
35	15.863	2164	2172	2180	rBV	2694056	3948697	38.71%	3.914%
36	15.951	2180	2187	2194	rVB2	105999	246688	2.42%	0.245%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.104	2204	2213	2222	rBV3	275991	676613	6.63%	0.671%
38	16.434	2259	2269	2275	rBV2	307271	741342	7.27%	0.735%
39	16.486	2275	2278	2285	rVV2	165178	259616	2.55%	0.257%
40	16.545	2285	2288	2291	rVV2	73690	112398	1.10%	0.111%
41	16.592	2291	2296	2301	rVB3	158571	276170	2.71%	0.274%
42	16.675	2301	2310	2313	rBV3	166092	364757	3.58%	0.362%
43	16.722	2313	2318	2321	rVB3	132667	212739	2.09%	0.211%
44	16.804	2327	2332	2340	rVV	2044906	3098989	30.38%	3.072%
45	16.881	2341	2345	2355	rVV3	210303	477392	4.68%	0.473%
46	16.963	2355	2359	2369	rVB	526240	817751	8.02%	0.811%
47	17.151	2386	2391	2394	rBV	1149438	1617926	15.86%	1.604%
48	17.198	2394	2399	2406	rVV	6674022	10199459	100.00%	10.111%
49	17.257	2406	2409	2410	rVV2	112568	127112	1.25%	0.126%
50	17.292	2410	2415	2420	rVB	833952	1206167	11.83%	1.196%
51	17.357	2420	2426	2431	rBV3	102097	211271	2.07%	0.209%
52	17.575	2455	2463	2467	rBV2	233626	401776	3.94%	0.398%
53	17.692	2479	2483	2489	rBV3	126465	195872	1.92%	0.194%
54	17.757	2490	2494	2504	rVB5	112282	195688	1.92%	0.194%
55	17.898	2515	2518	2525	rVB	94931	141414	1.39%	0.140%
56	18.063	2541	2546	2549	rBV	641340	907175	8.89%	0.899%
57	18.104	2549	2553	2562	rVV2	1331441	2314136	22.69%	2.294%
58	18.192	2564	2568	2574	rVV	304365	463808	4.55%	0.460%
59	18.263	2574	2580	2584	rVV3	1060984	1934110	18.96%	1.917%
60	18.304	2584	2587	2594	rVB	355447	502707	4.93%	0.498%
61	18.580	2630	2634	2639	rBV	404055	578830	5.68%	0.574%
62	18.628	2639	2642	2648	rVB2	188982	265149	2.60%	0.263%
63	18.833	2674	2677	2682	rVB	138183	187505	1.84%	0.186%
64	18.892	2682	2687	2690	rVV	126942	175707	1.72%	0.174%
65	18.933	2690	2694	2698	rVB	89880	116078	1.14%	0.115%
66	19.016	2703	2708	2713	rBV	293027	519686	5.10%	0.515%
67	19.080	2714	2719	2722	rBV4	130694	214961	2.11%	0.213%
68	19.157	2728	2732	2740	rBV3	189215	342684	3.36%	0.340%
69	19.292	2748	2755	2762	rBV	4617787	7353504	72.10%	7.290%
70	19.357	2763	2766	2769	rVV	115902	135637	1.33%	0.134%
71	19.392	2769	2772	2775	rVV	116931	139688	1.37%	0.138%
72	19.433	2775	2779	2784	rVB2	292166	422570	4.14%	0.419%
73	19.539	2793	2797	2802	rVB	130307	187596	1.84%	0.186%
74	19.663	2808	2818	2824	rBV2	3150830	6347079	62.23%	6.292%
75	19.745	2828	2832	2837	rVB2	256151	347762	3.41%	0.345%
76	19.792	2837	2840	2844	rBV	109971	133905	1.31%	0.133%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.851	2846	2850	2851	rBV	217758	250155	2.45%	0.248%
78	19.886	2851	2856	2860	rVB	4748964	5281585	51.78%	5.236%
79	20.010	2871	2877	2884	rBV4	242244	654584	6.42%	0.649%
80	20.151	2895	2901	2902	rBV3	197509	328388	3.22%	0.326%
81	20.180	2902	2906	2911	rVB	617753	956096	9.37%	0.948%
82	20.292	2920	2925	2929	rBV	631138	808174	7.92%	0.801%
83	20.351	2929	2935	2939	rVV2	313460	601682	5.90%	0.596%
84	20.392	2939	2942	2946	rVB	123730	142155	1.39%	0.141%
85	20.433	2946	2949	2953	rVB	95610	110859	1.09%	0.110%
86	20.492	2955	2959	2963	rBV	186167	241214	2.36%	0.239%
87	20.539	2963	2967	2972	rBV3	187907	307094	3.01%	0.304%
88	20.980	3039	3042	3048	rVB	193277	290884	2.85%	0.288%
89	21.163	3070	3073	3077	rVB	198942	234295	2.30%	0.232%
90	21.216	3078	3082	3085	rBV2	173610	251329	2.46%	0.249%
91	21.274	3089	3092	3097	rVB2	271389	349225	3.42%	0.346%
92	21.604	3139	3148	3153	rBV3	1538934	4078238	39.98%	4.043%
93	21.651	3153	3156	3169	rVB	850370	1569628	15.39%	1.556%
94	21.804	3179	3182	3186	rBV	140878	175228	1.72%	0.174%
95	22.886	3360	3366	3379	rBV	644269	1242402	12.18%	1.232%
96	23.886	3529	3536	3545	rBV	466889	1481102	14.52%	1.468%
97	24.639	3659	3664	3679	rVB2	266013	701918	6.88%	0.696%
98	24.792	3684	3690	3697	rVB	273703	645277	6.33%	0.640%
99	24.957	3709	3718	3727	rBV	915550	2579771	25.29%	2.557%

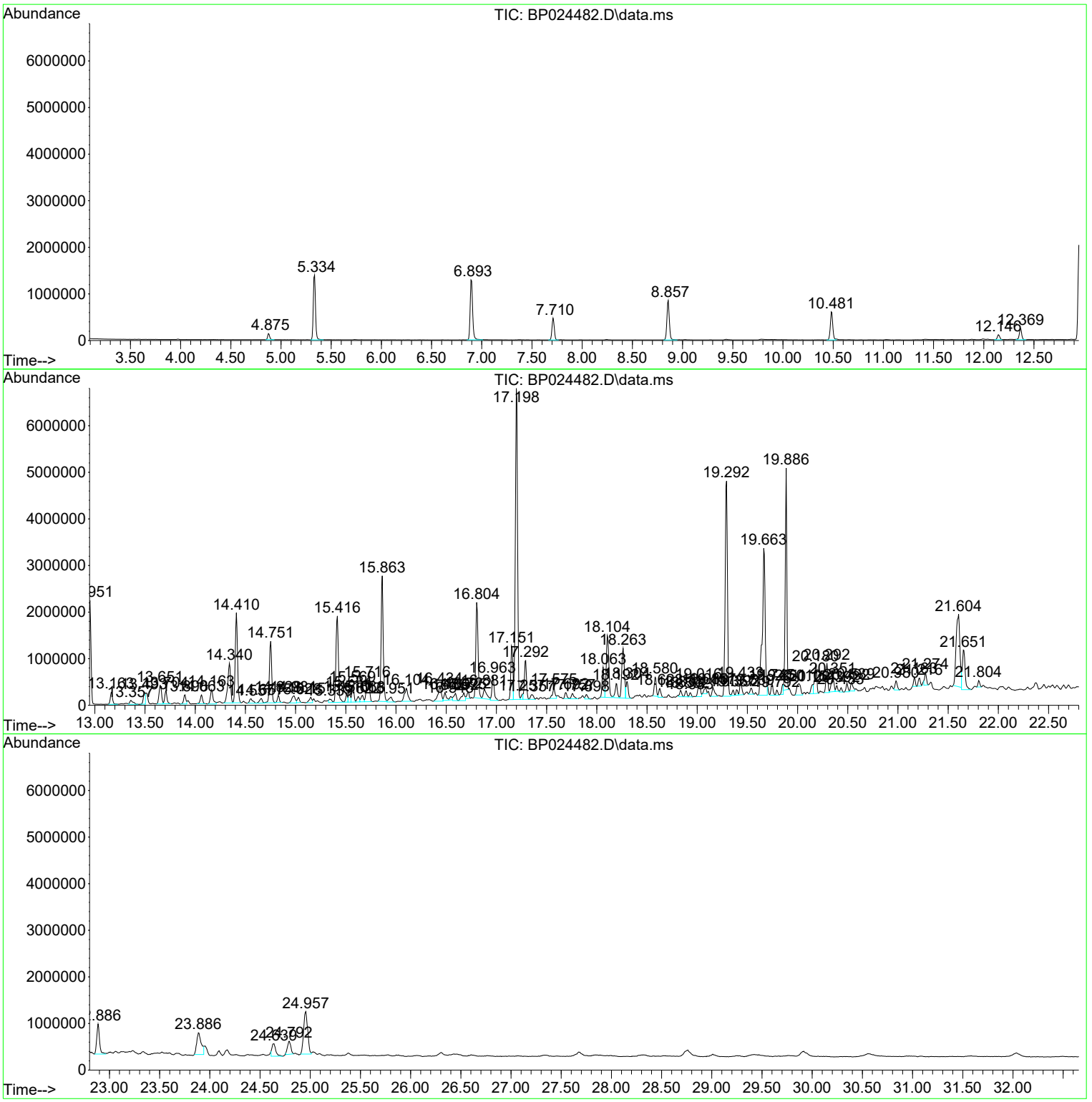
Sum of corrected areas: 100877332

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

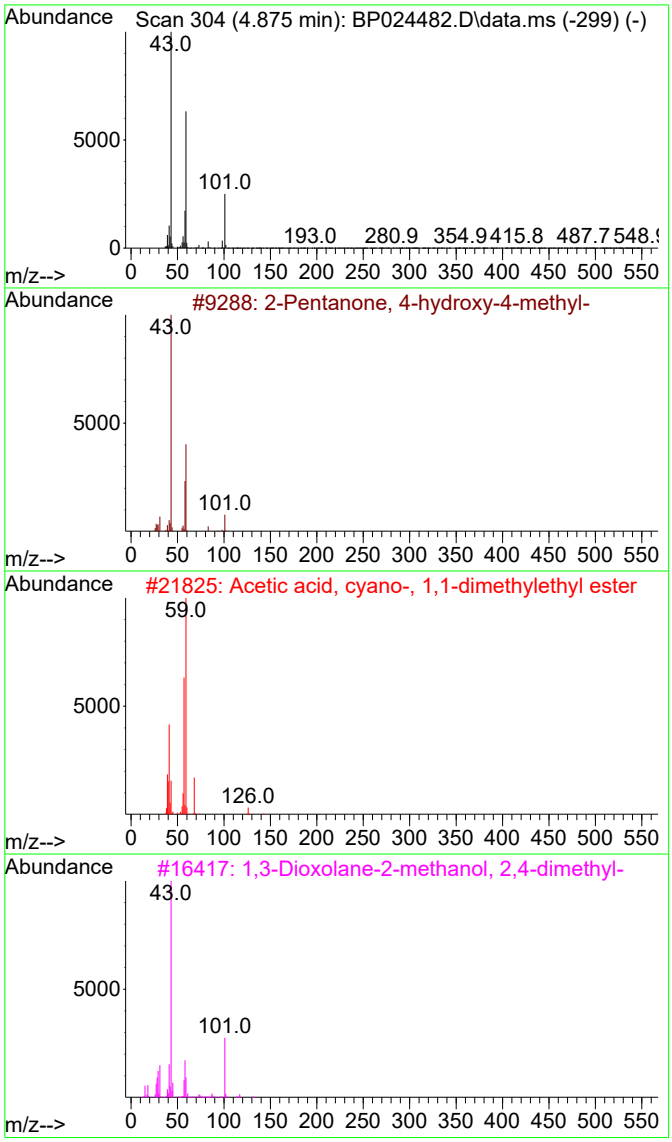
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

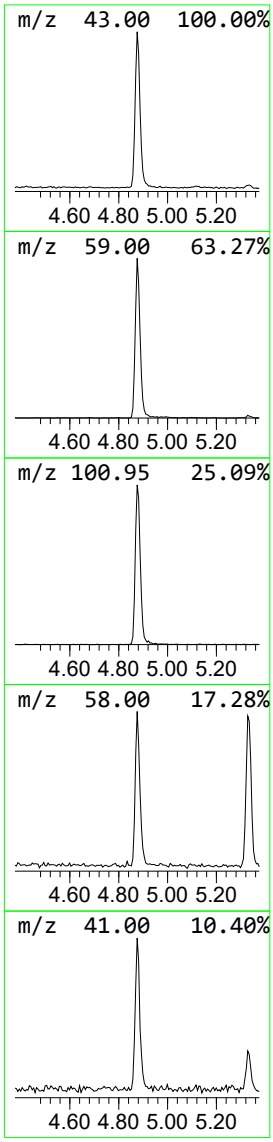
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.99 ng	184759	1,4-Dichlorobenzene-d4	7.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	1,2-Butanediol	90	C4H10O2	000584-03-2	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

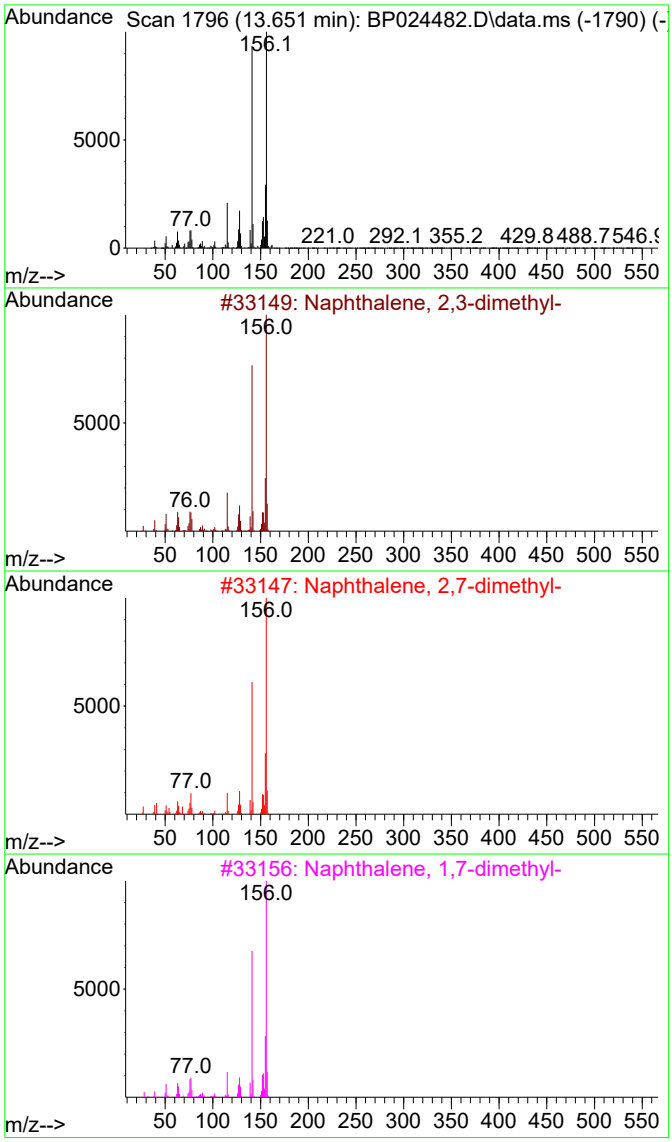
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

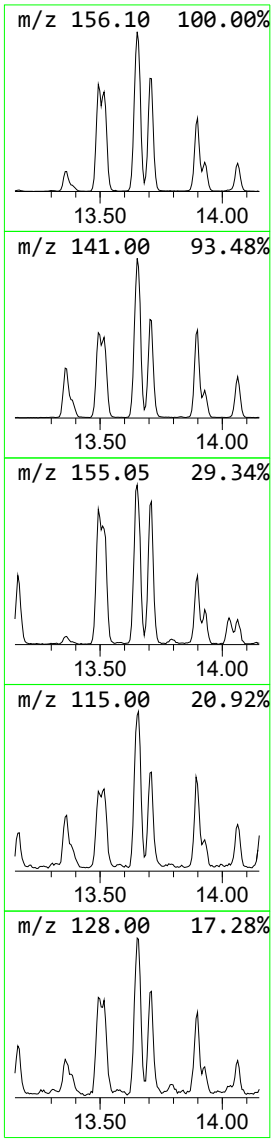
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	8.79 ng	719376	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

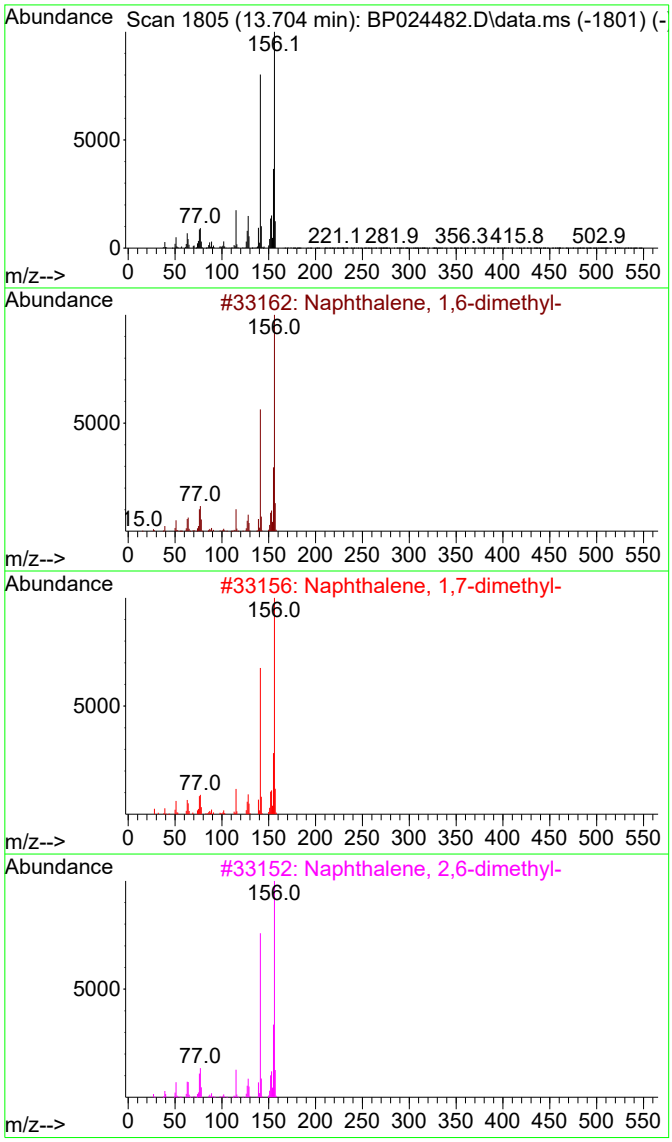
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

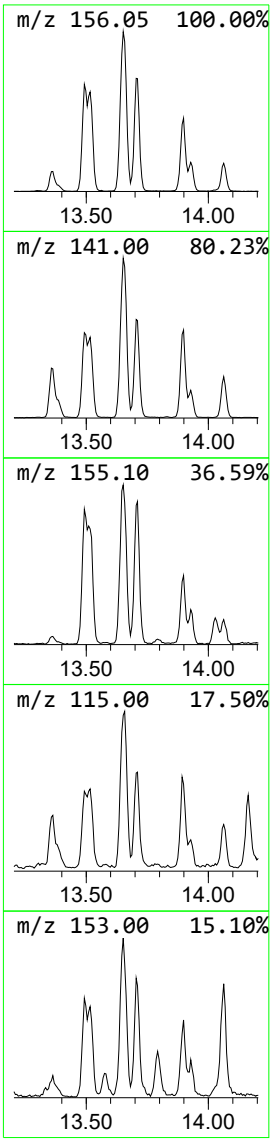
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	5.11 ng	418206	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

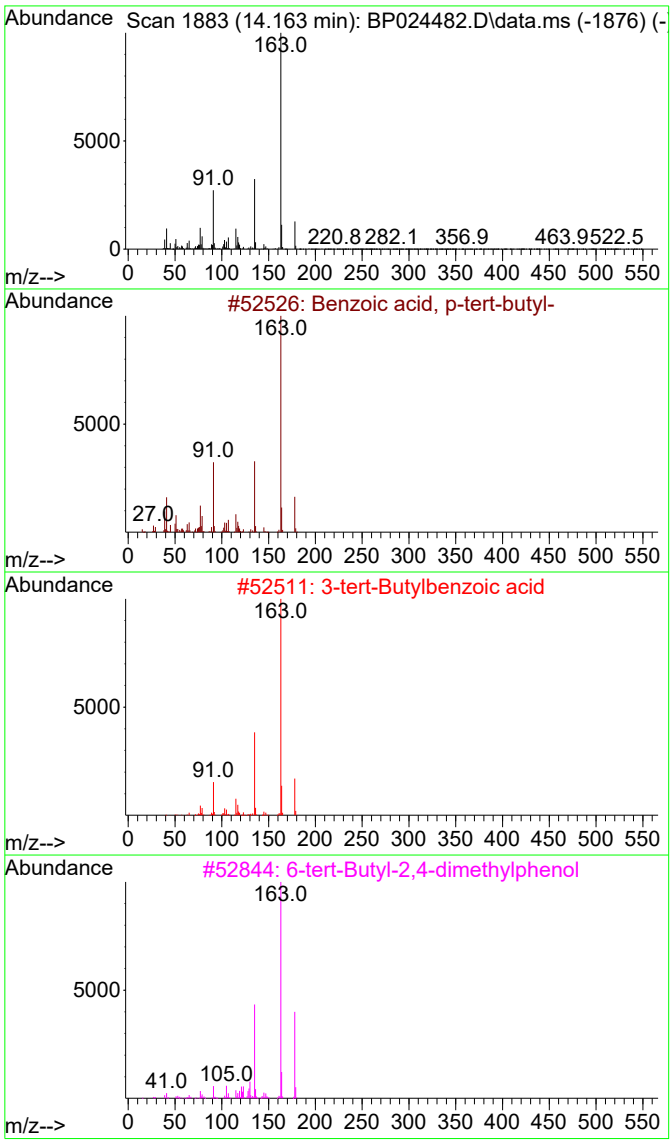
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

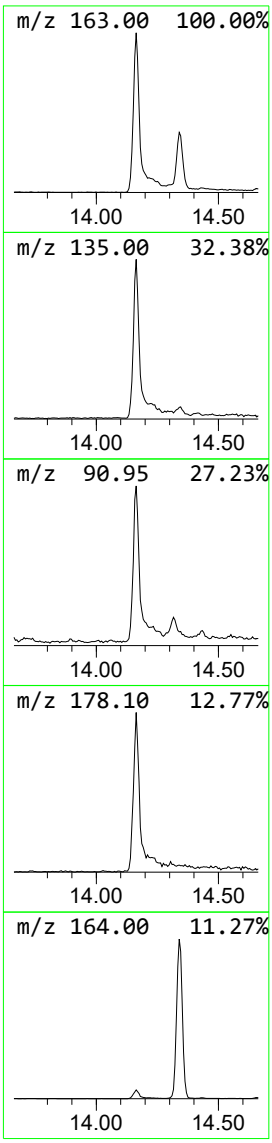
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzoic acid, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	6.85 ng	560395	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	64
4	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	53
5	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

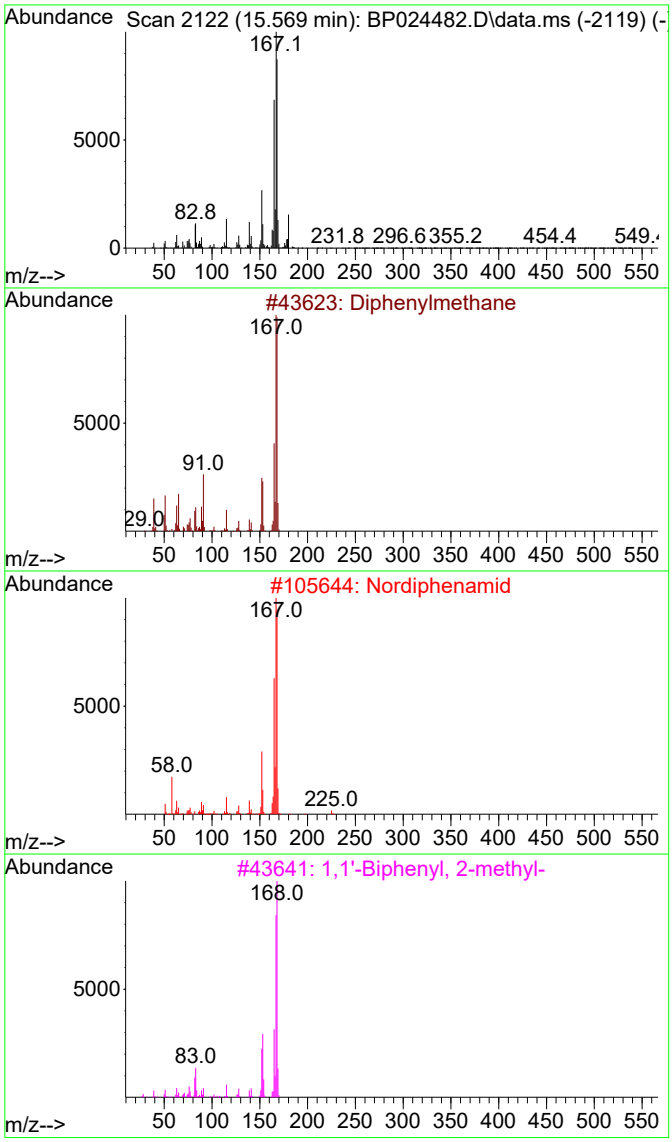
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

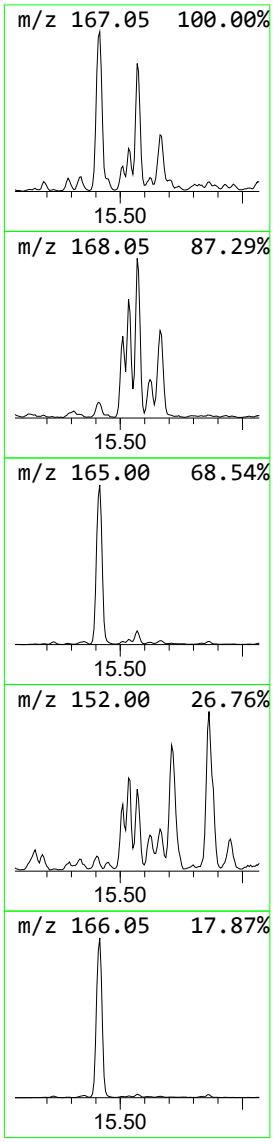
****

Peak Number 5 Diphenylmethane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.569	6.13 ng	501428	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	87
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	86
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	70
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	58





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Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
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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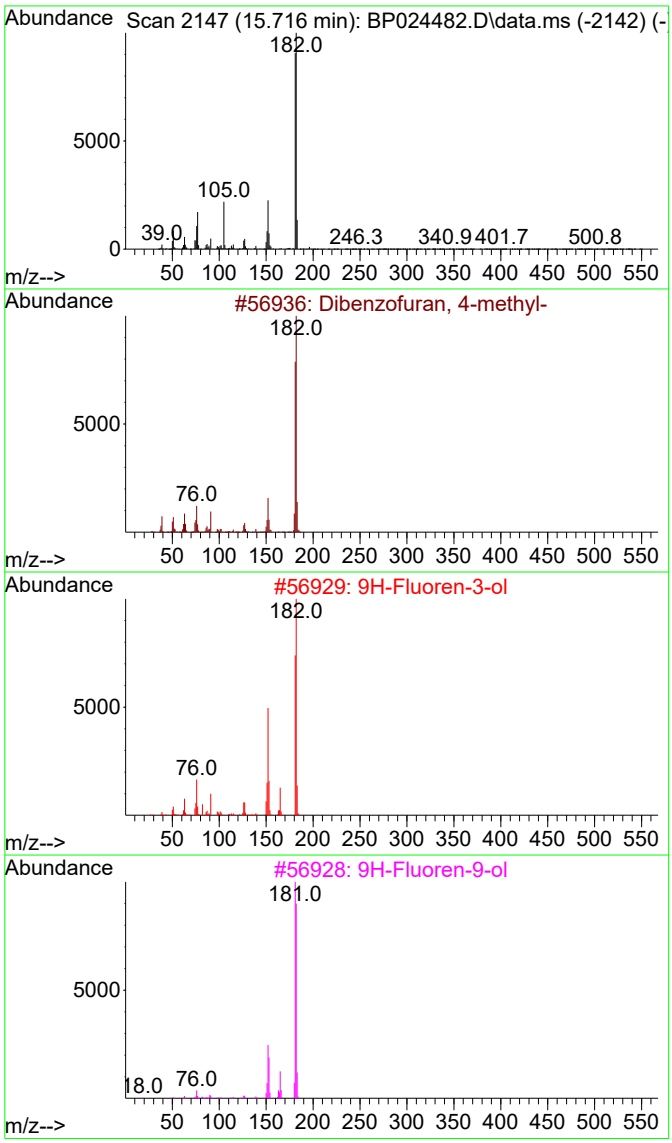
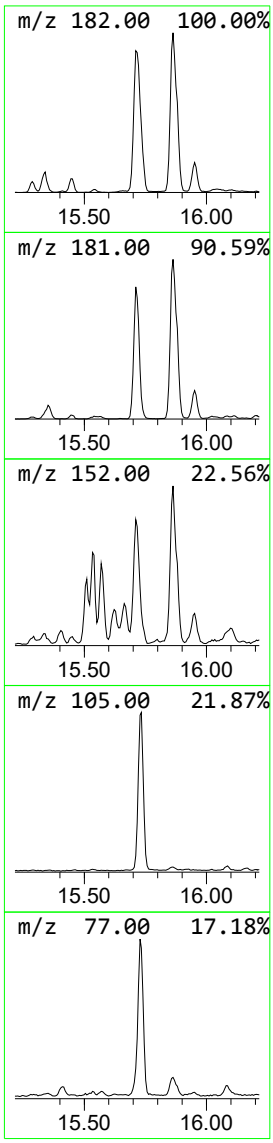
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	12.97 ng	1061560	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
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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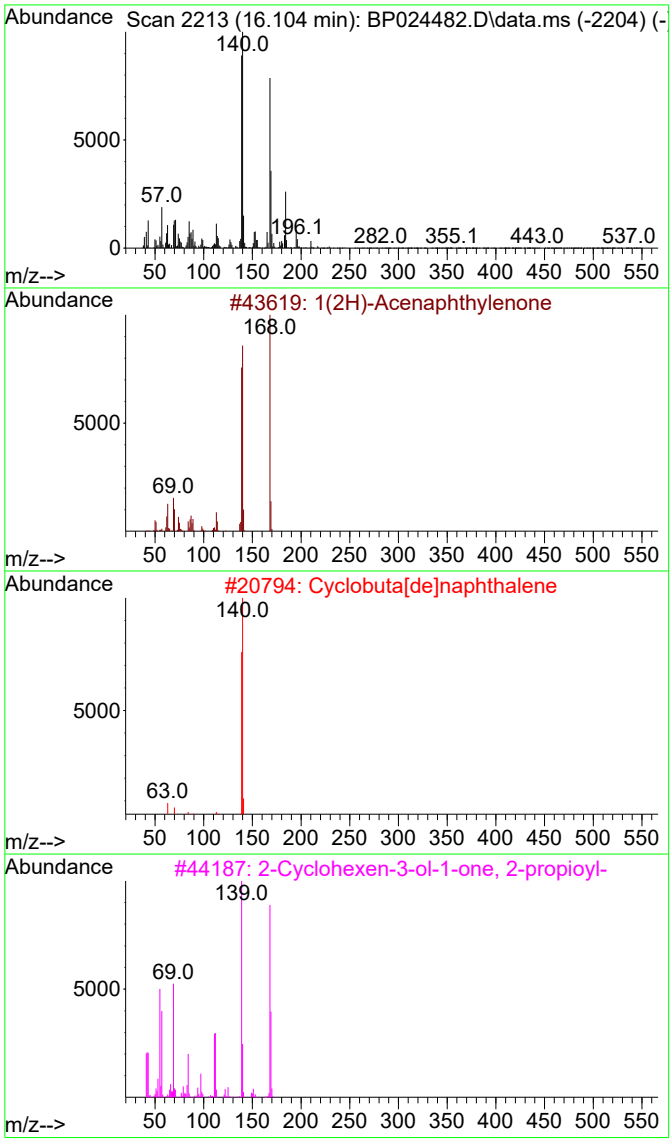
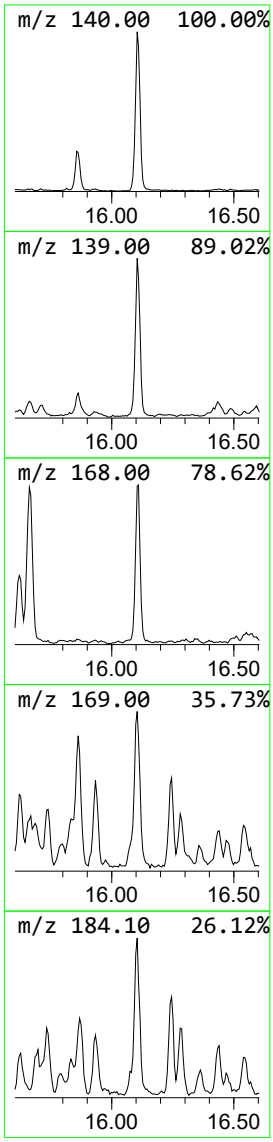
Peak Number 7 1(2H)-Acenaphthylenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	8.36 ng	676613	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	55
3	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	50
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	47
5	Oxidopamine	169	C8H11NO3	001199-18-4	47





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Misc :
ALS Vial : 15 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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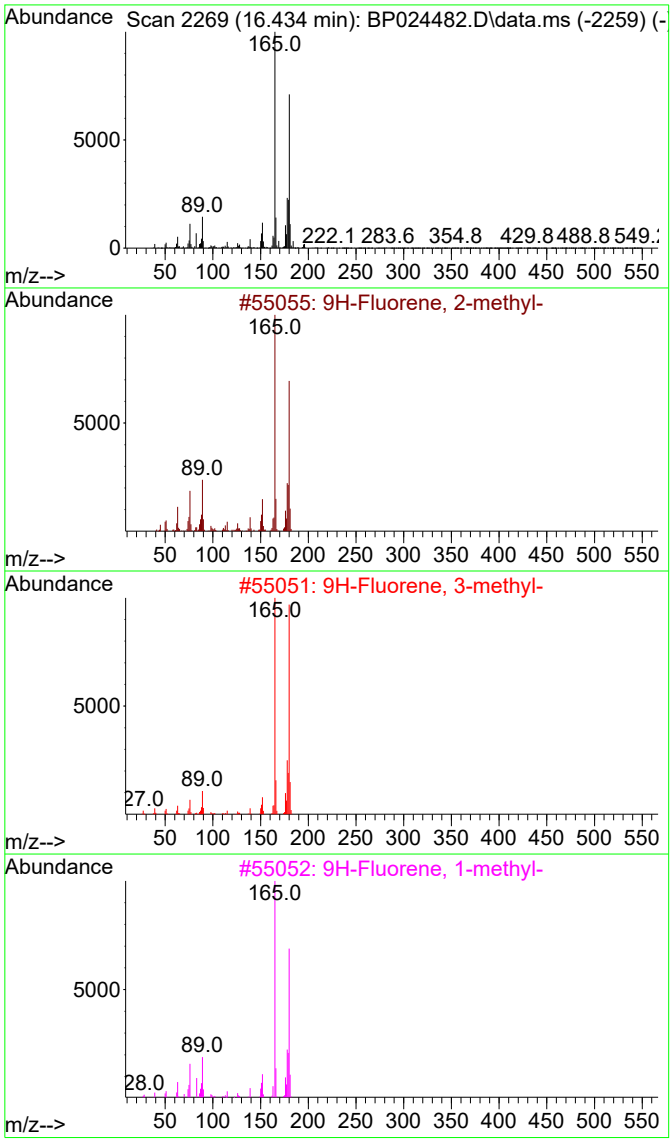
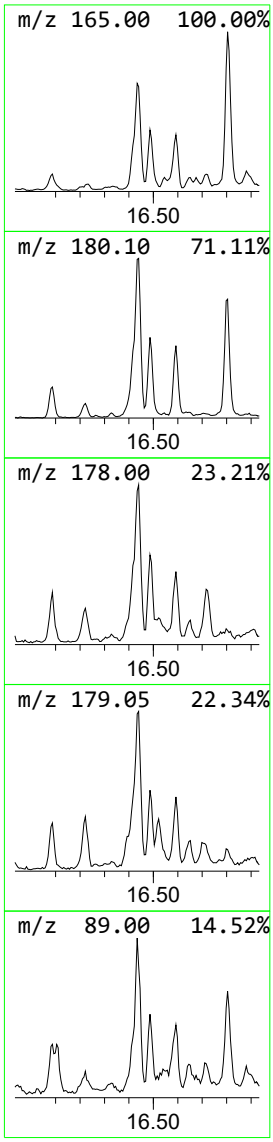
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	9.16 ng	741342	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91





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Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
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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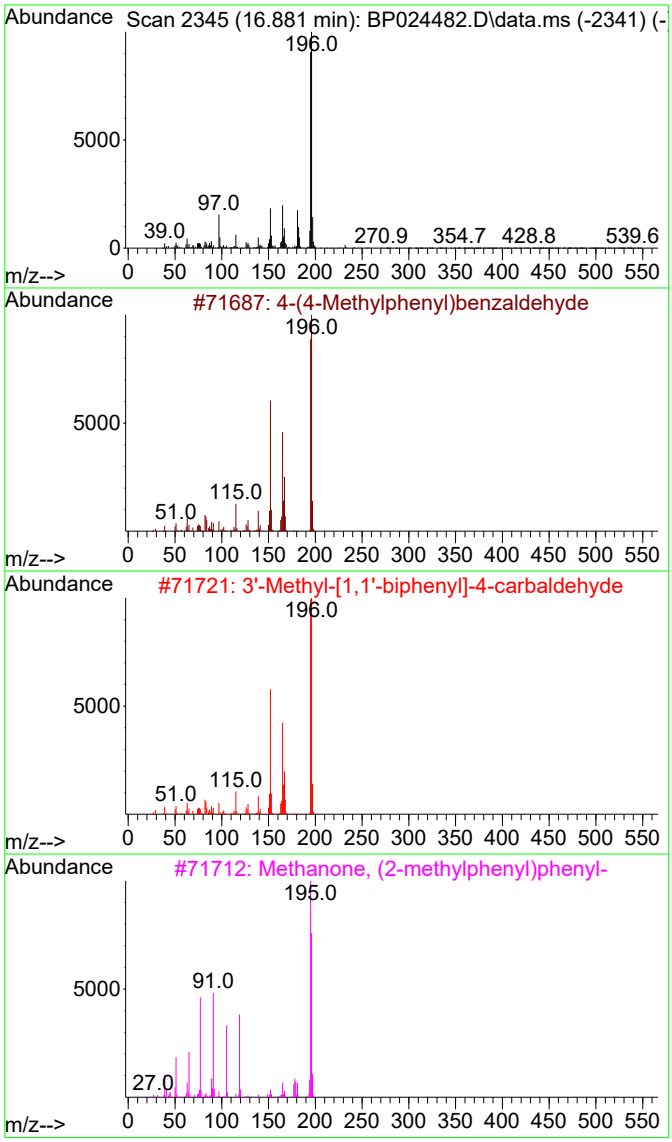
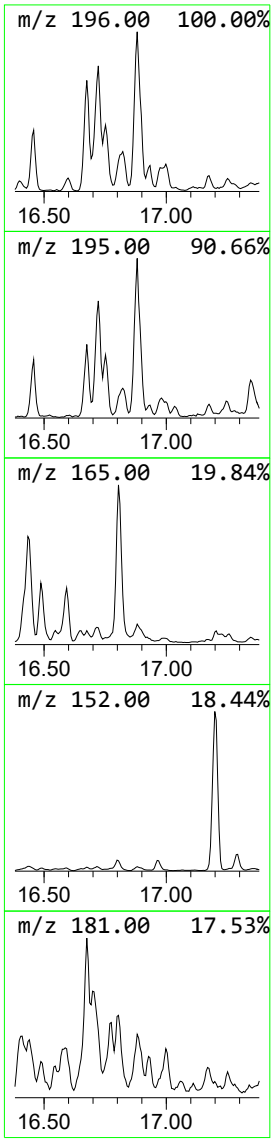
Peak Number 9 4-(4-Methylphenyl)benzaldehyde Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	5.90 ng	477392	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	93
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	91
3	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	59
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52





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ALS Vial : 15 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

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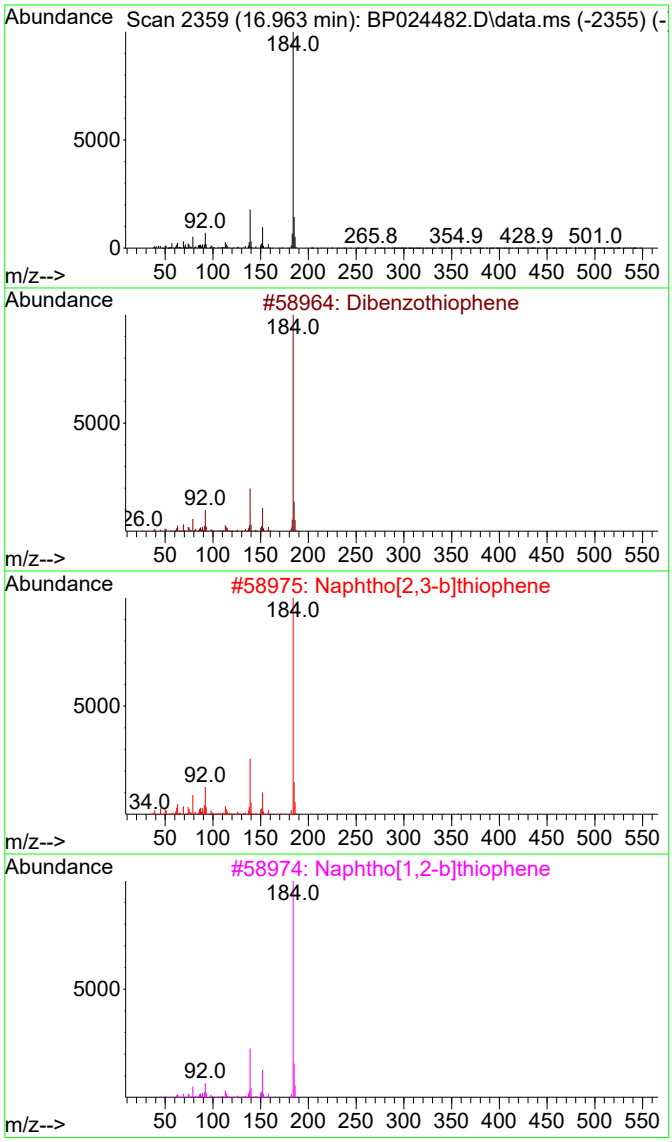
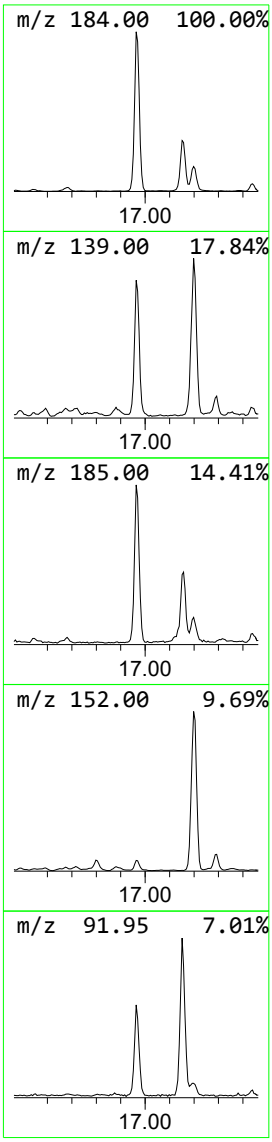
Peak Number 10 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.963	10.11 ng	817751	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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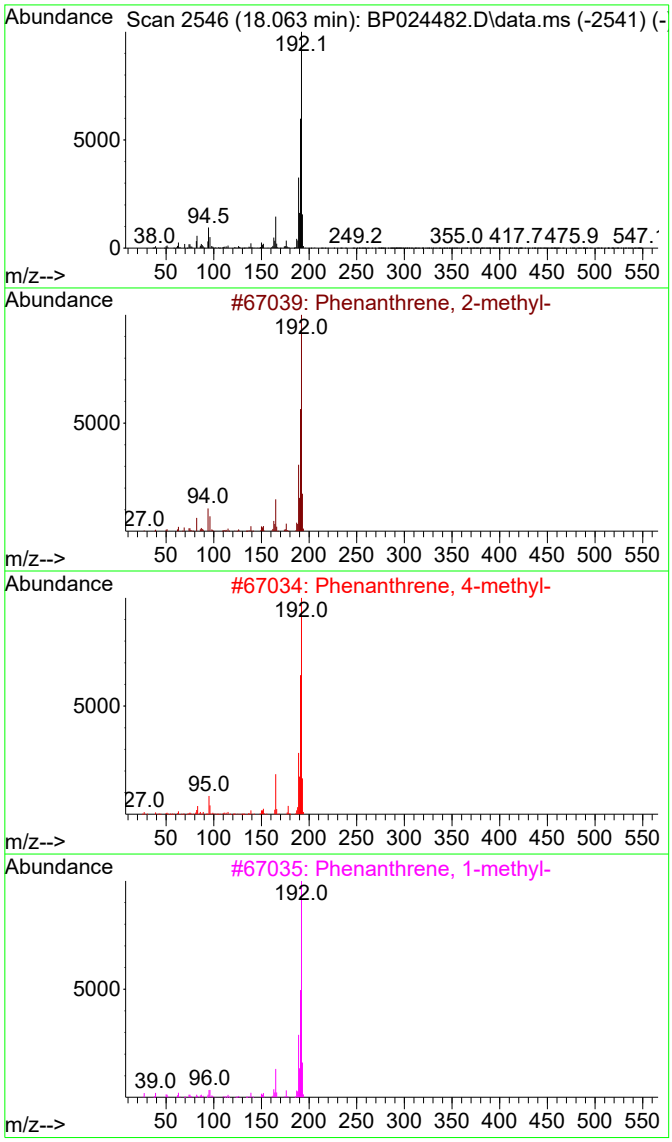
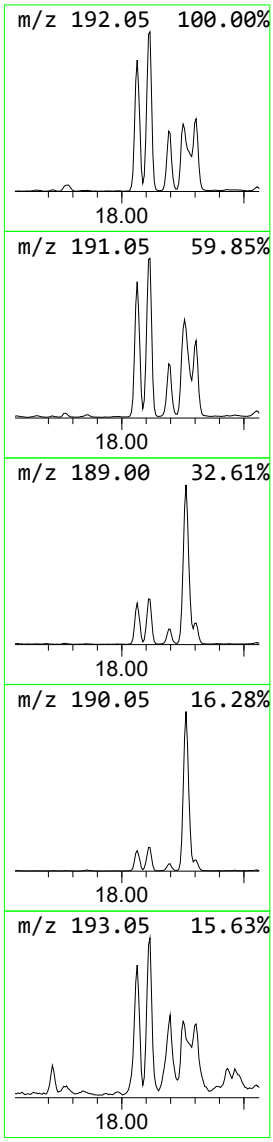
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	11.21 ng	907175	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

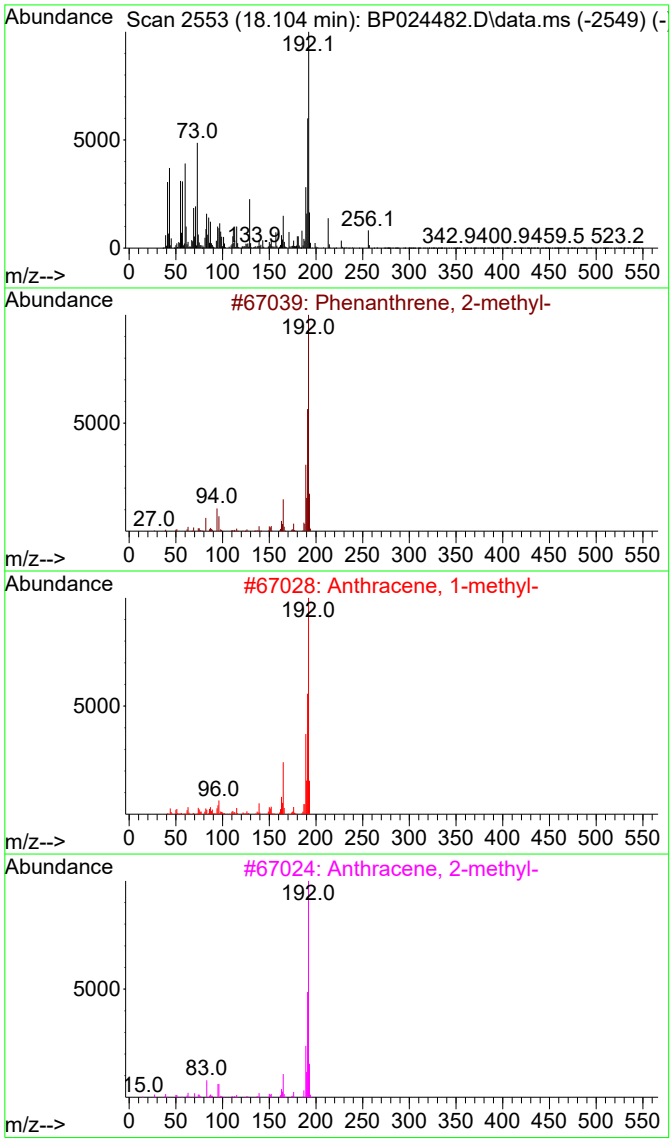
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

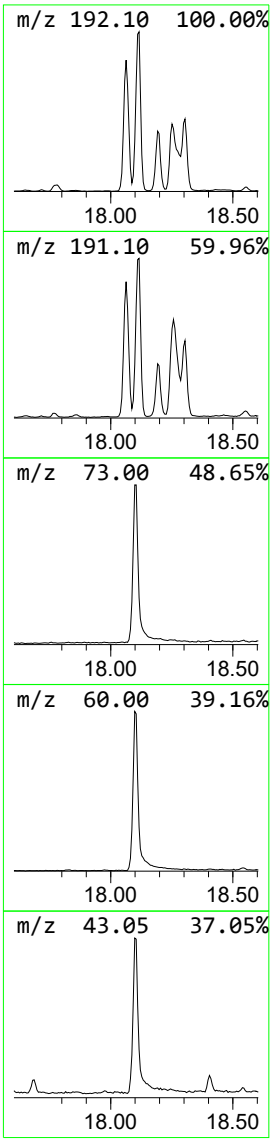
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	28.61 ng	2314140	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Sample : Q1902-02
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ALS Vial : 15 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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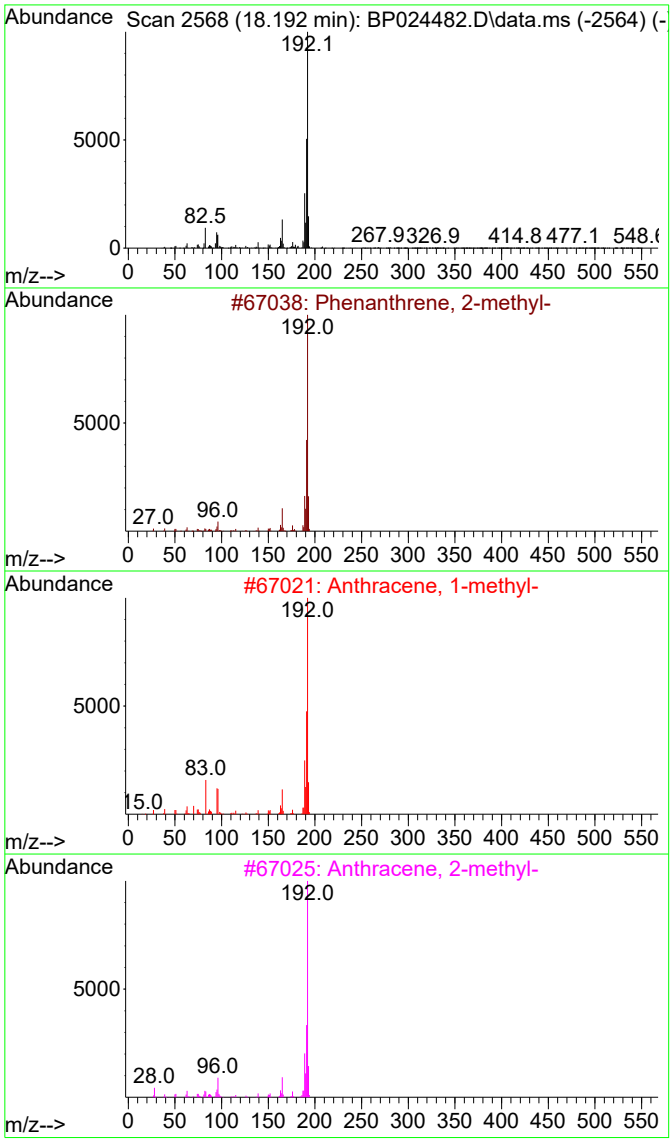
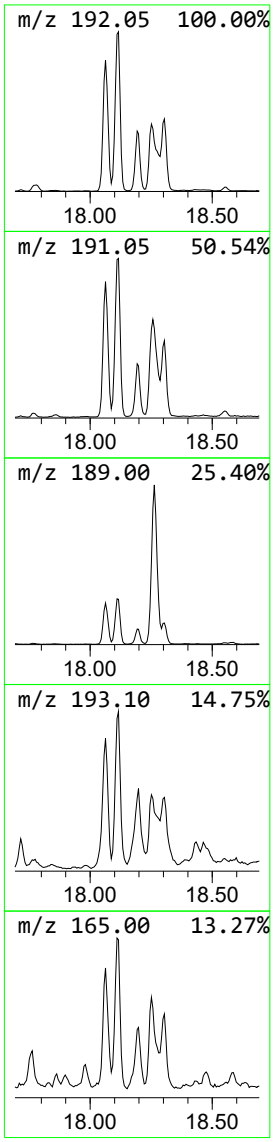
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	5.73 ng	463808	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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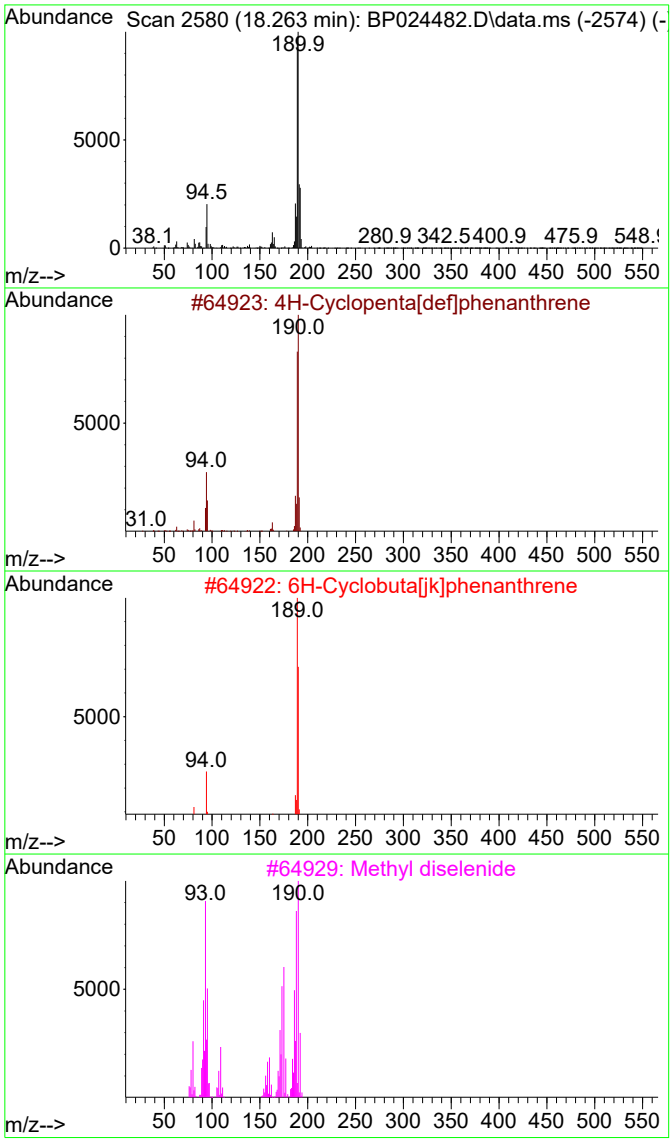
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

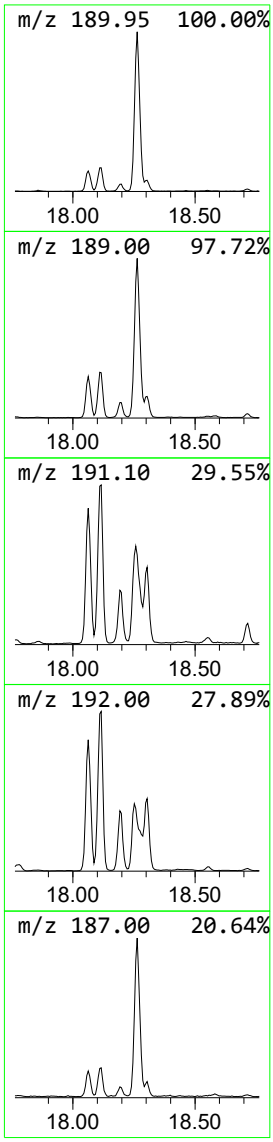
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	23.91 ng	1934110	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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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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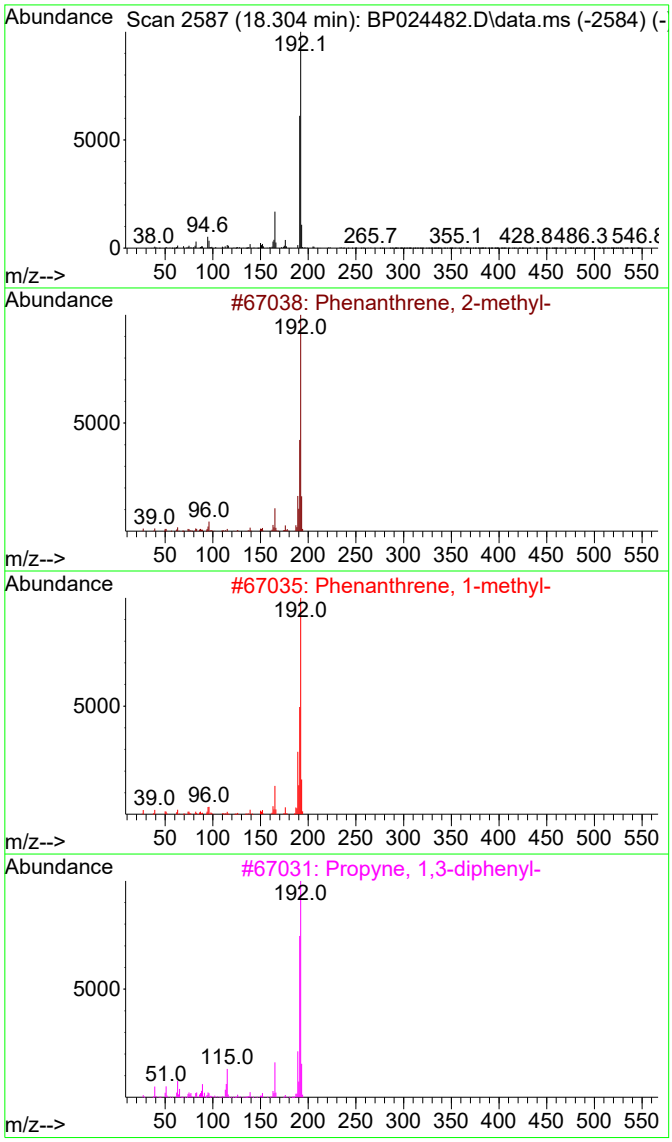
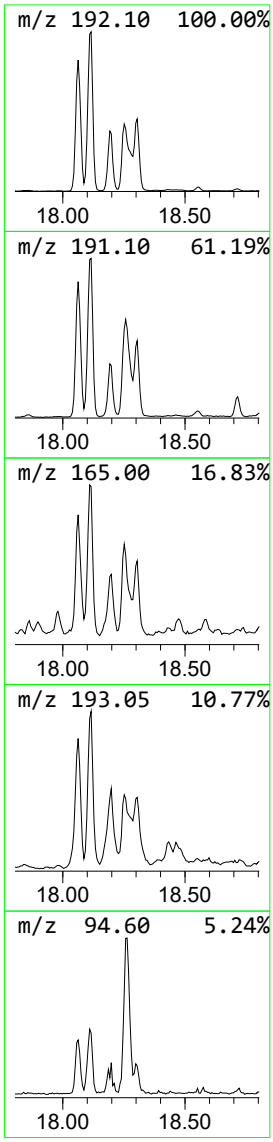
Peak Number 15 Propyne, 1,3-diphenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	6.21 ng	502707	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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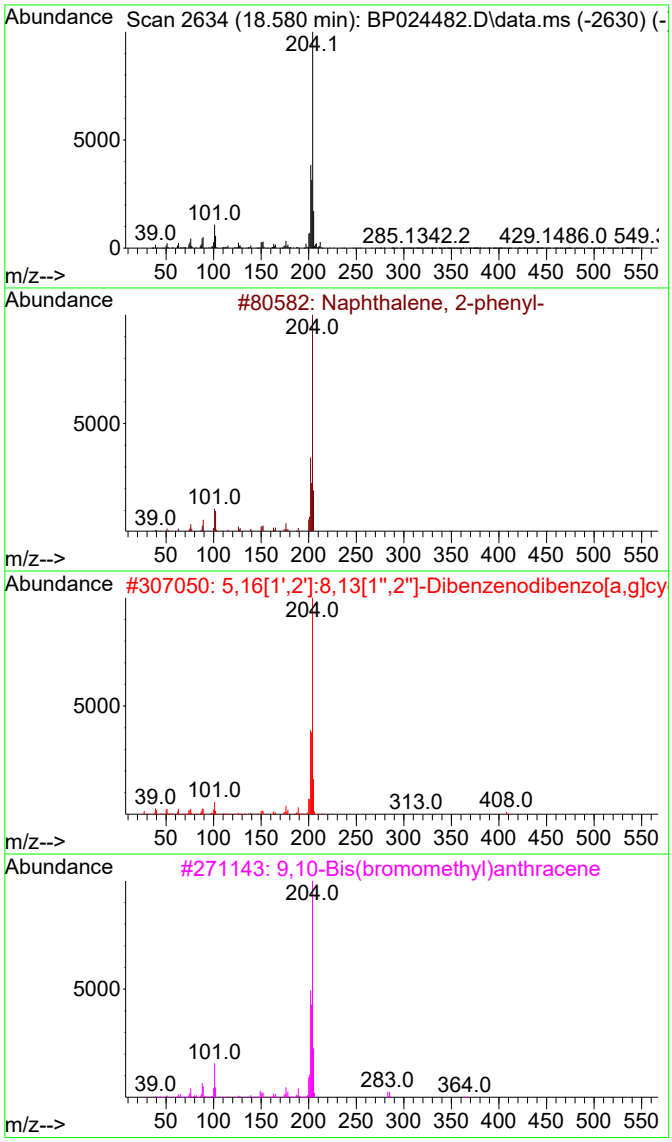
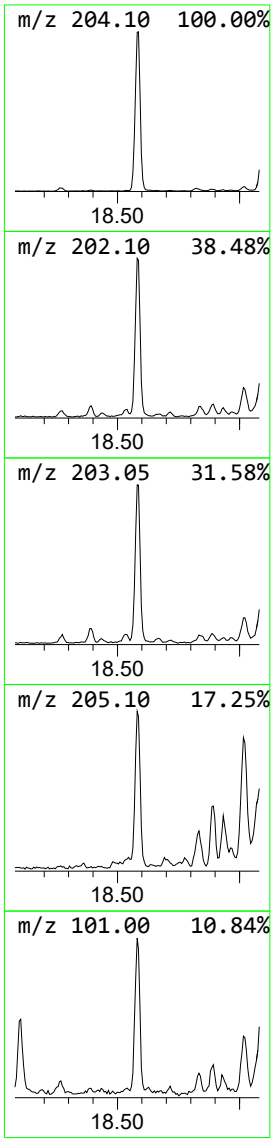
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.581	7.16 ng	578830	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

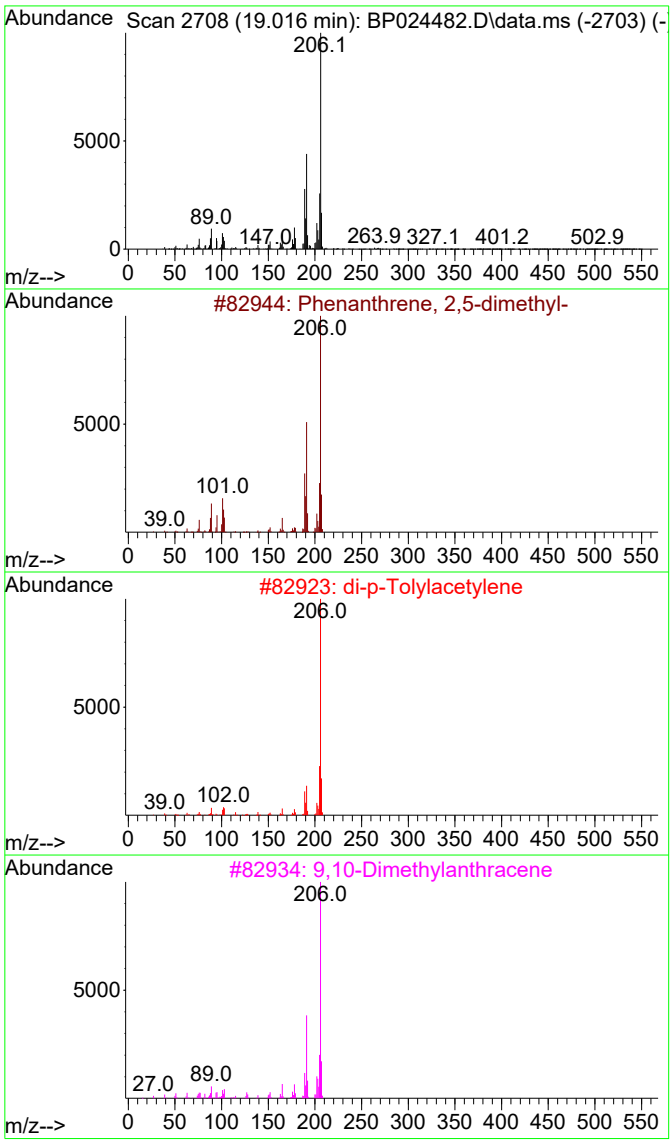
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

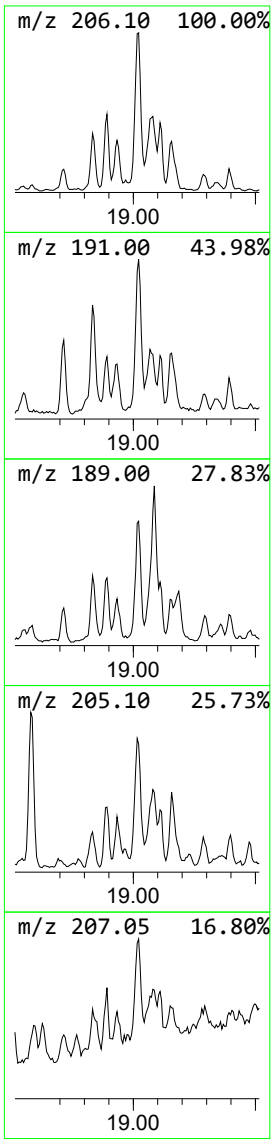
****

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	6.42 ng	519686	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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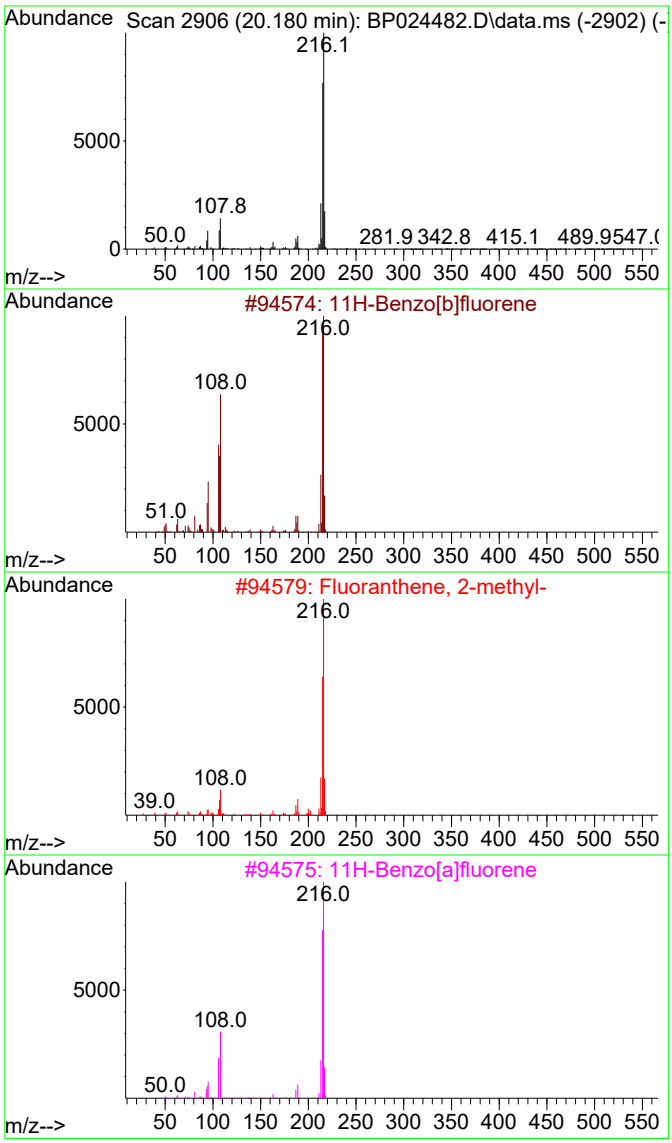
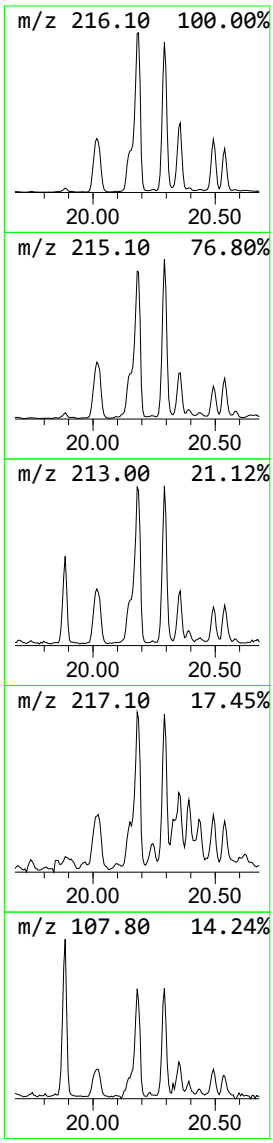
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	4.69 ng	956096	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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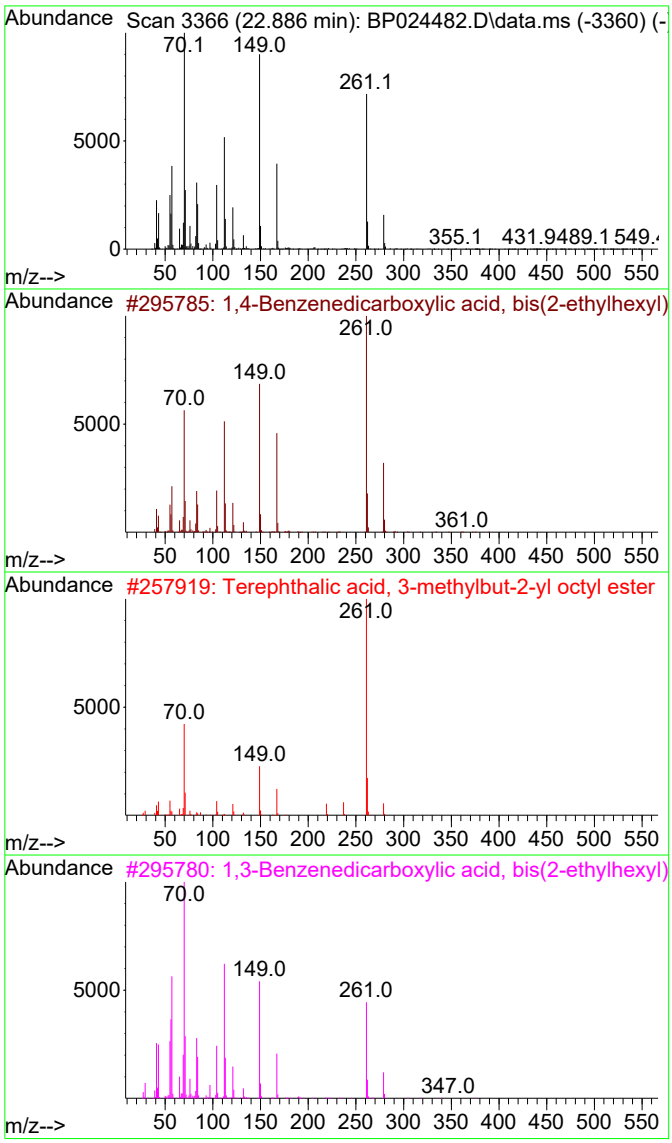
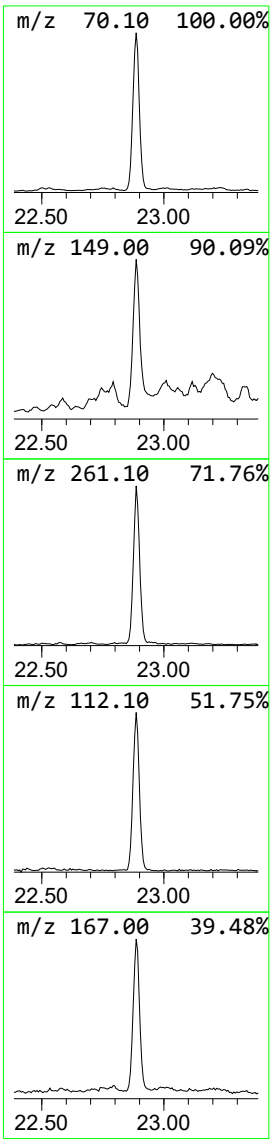
Peak Number 19 1,4-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.886	6.09 ng	1242400	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	72
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	43
5	Isophthalic acid, 2-fluorophenyl...	372	C22H25FO4	1000344-65-7	35





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Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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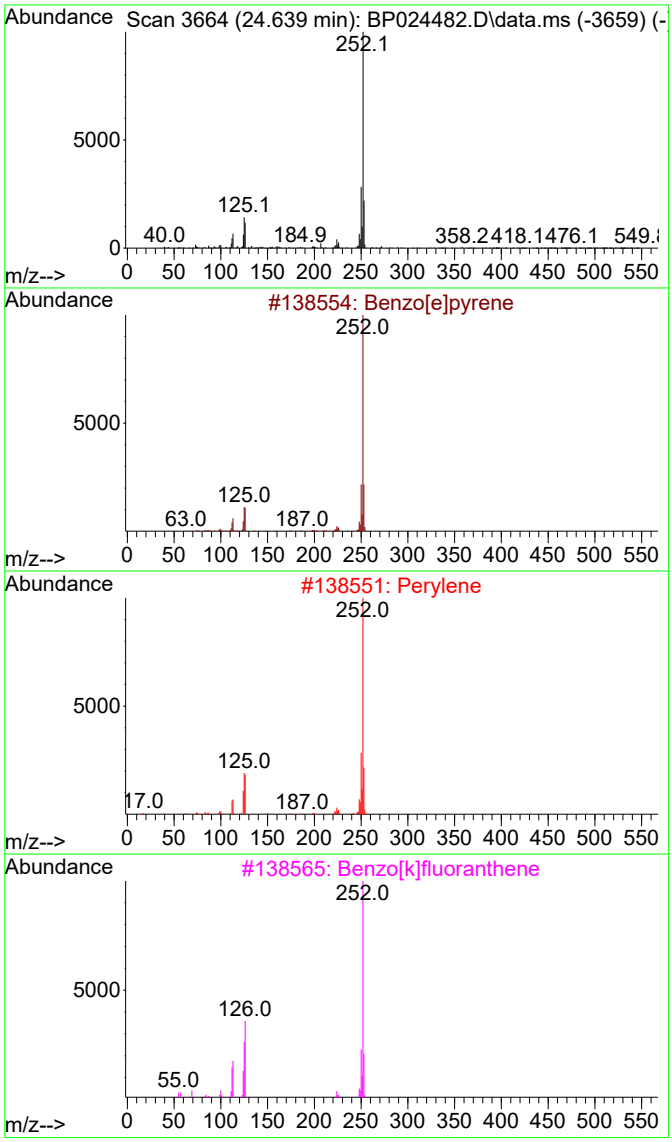
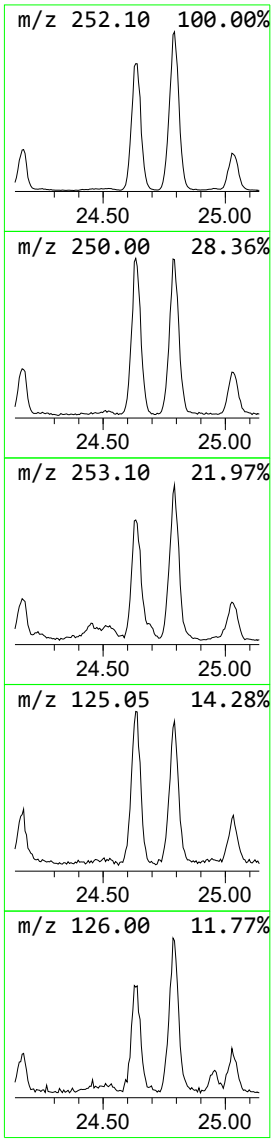
Peak Number 20 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.639	5.44 ng	701918	Perylene-d12	24.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
2-Pentanone, 4-...	4.875	5.0	ng	184759	1	7.710	740851	20.0
Naphthalene, 2,...	13.651	8.8	ng	719376	3	14.339	1636960	20.0
Naphthalene, 1,...	13.704	5.1	ng	418206	3	14.339	1636960	20.0
Benzoic acid, p...	14.163	6.8	ng	560395	3	14.339	1636960	20.0
Diphenylmethane	15.569	6.1	ng	501428	3	14.339	1636960	20.0
Dibenzofuran, 4...	15.716	13.0	ng	1061560	3	14.339	1636960	20.0
1(2H)-Acenaphth...	16.104	8.4	ng	676613	4	17.151	1617930	20.0
9H-Fluorene, 2-...	16.433	9.2	ng	741342	4	17.151	1617930	20.0
4-(4-Methylphen...	16.881	5.9	ng	477392	4	17.151	1617930	20.0
Dibenzothiophene	16.963	10.1	ng	817751	4	17.151	1617930	20.0
Phenanthrene, 2...	18.063	11.2	ng	907175	4	17.151	1617930	20.0
Anthracene, 1-m...	18.104	28.6	ng	2314140	4	17.151	1617930	20.0
Anthracene, 2-m...	18.192	5.7	ng	463808	4	17.151	1617930	20.0
4H-Cyclopenta[d...	18.263	23.9	ng	1934110	4	17.151	1617930	20.0
Propyne, 1,3-di...	18.304	6.2	ng	502707	4	17.151	1617930	20.0
Naphthalene, 2-...	18.581	7.2	ng	578830	4	17.151	1617930	20.0
Phenanthrene, 2...	19.016	6.4	ng	519686	4	17.151	1617930	20.0
11H-Benzo[b]flu...	20.180	4.7	ng	956096	5	21.604	4078240	20.0
1,4-Benzenedica...	22.886	6.1	ng	1242400	5	21.604	4078240	20.0
Benzo[e]pyrene	24.639	5.4	ng	701918	6	24.957	2579770	20.0