LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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: BP024334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	301	306	316	rBV	512606	683946	7.29%	0.654%
2	5.346	377	384	404	rBV	3126903	4466214	47.59%	4.271%
3	6.911	641	650	665	rBV	3028017	4783486	50.97%	4.575%
4	7.728	781	789	796	rBV	939241	1468870	15.65%	1.405%
5	8.869	976	983	993	rBV	1813424	2942735	31.35%	2.814%
6	9.434	1072	1079	1091	rVB	56249	104681	1.12%	0.100%
7	10.499	1251	1260	1266	rBV	1161994	2053619	21.88%	1.964%
8	12.157	1532	1542	1549	rBV	251450	381502	4.06%	0.365%
9	12.375	1568	1579	1590	rVB	454302	706848	7.53%	0.676%
10	12.963	1672	1679	1696	rBV	4768516	6826216	72.73%	6.528%
11	13.181	1709	1716	1723	rVB	255534	418655	4.46%	0.400%
12	13.369	1742	1748	1760	rVB	110196	210668	2.24%	0.201%
13	13.510	1761	1772	1773	rBV2	144471	212947	2.27%	0.204%
14	13.663	1790	1798	1803	rBV	270401	433996	4.62%	0.415%
15	13.716	1803	1807	1816	rVB	150257	235485	2.51%	0.225%
16	13.910	1832	1840	1843	rBV	95452	145965	1.56%	0.140%
17	14.069	1858	1867	1875	rVB	79476	140008	1.49%	0.134%
18	14.357	1904	1916	1921	rBV	1711139	2763623	29.45%	2.643%
19	14.416	1921	1926	1934	rVB	2142644	3095158	32.98%	2.960%
20	14.669	1962	1969	1974	rVV2	83755	139115	1.48%	0.133%
21	14.757	1974	1984	1993	rVV	1299797	1999186	21.30%	1.912%
22	15.416	2090	2096	2108	rVB2	1655378	2408034	25.66%	2.303%
23	15.522	2109	2114	2116	rBV	81544	114957	1.22%	0.110%
24	15.551	2116	2119	2122	rVV	136426	190291	2.03%	0.182%
25	15.592	2122	2126	2130	rVV2	228152	343084	3.66%	0.328%
26	15.675	2136	2140	2143	rVV	118159	164883	1.76%	0.158%
27	15.739	2143	2151	2158	rVB2	1373154	1996354	21.27%	1.909%
28	15.875	2167	2174	2183	rBV	3915555	5806786	61.87%	5.553%
29	15.963	2184	2189	2195	rVB3	55737	108201	1.15%	0.103%
30	16.110	2210	2214	2228	rVB3	63360	139333	1.48%	0.133%
31	16.239	2229	2236	2241	rBV3	59511	116770	1.24%	0.112%
32	16.316	2245	2249	2255	rBV	108640	154981	1.65%	0.148%
33	16.445	2260	2271	2276	rBV2	171114	377814	4.03%	0.361%
34	16.498	2276	2280	2286	rVB2	63438	95544	1.02%	0.091%
35	16.604	2292	2298	2303	rVB2	79875	149161	1.59%	0.143%
36	16.728	2315	2319	2322	rVB2	76650	95821	1.02%	0.092%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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	16.892	2342	2347	2356	rBV3	79493	213823	2.28%	0.204%
38	16.981	2356	2362	2370	rVB	430799	639839	6.82%	0.612%
39	17.157	2386	2392	2396	rBV	1965843	2914195	31.05%	2.787%
40	17.210	2396	2401	2408	rVV	5916328	9385330	100.00%	8.975%
41	17.298	2408	2416	2422	rVB	591363	899855	9.59%	0.861%
42	17.363	2423	2427	2433	rBV5	54355	114756	1.22%	0.110%
43	17.581	2459	2464	2468	rBV	153552	231113	2.46%	0.221%
44	17.704	2481	2485	2491	rBV2	108682	175747	1.87%	0.168%
45	17.763	2492	2495	2503	rVB3	48302	96280	1.03%	0.092%
46	18.069	2542	2547	2550	rBV	365821	586421	6.25%	0.561%
47	18.116	2550	2555	2562	rVV2	749708	1560220	16.62%	1.492%
48	18.204	2566	2570	2575	rVV2	184507	298369	3.18%	0.285%
49	18.275	2575	2582	2586	rVV2	992187	1609171	17.15%	1.539%
50	18.304	2586	2587	2593	rVB	222127	227045	2.42%	0.217%
51	18.586	2631	2635	2639	rVB	330431	426071	4.54%	0.407%
52	18.845	2675	2679	2684	rVB2	91736	117302	1.25%	0.112%
53	19.016	2704	2708	2714	rVB2	117270	209280	2.23%	0.200%
54	19.086	2716	2720	2723	rVV2	71853	108735	1.16%	0.104%
55	19.292	2749	2755	2761	rBV	5686054	7489091	79.80%	7.162%
56	19.445	2777	2781	2785	rVB4	143531	244878	2.61%	0.234%
57	19.545	2794	2798	2802	rVB2	136240	194100	2.07%	0.186%
58	19.639	2808	2814	2815	rBV2	997984	1307579	13.93%	1.250%
59	19.669	2815	2819	2829	rVV	3757097	5601453	59.68%	5.357%
60	19.745	2830	2832	2841	rVB3	164836	240183	2.56%	0.230%
61	19.880	2848	2855	2861	rBV	5676250	8744140	93.17%	8.362%
62	20.069	2883	2887	2889	rBV3	57655	98763	1.05%	0.094%
63	20.151	2899	2901	2903	rBV	87479	99472	1.06%	0.095%
64	20.192	2904	2908	2911	rVB	572717	690391	7.36%	0.660%
65	20.286	2919	2924	2928	rBV2	714720	1060316	11.30%	1.014%
66	20.339	2928	2933	2938	rVV3	395006	852366	9.08%	0.815%
67	20.386	2938	2941	2945	rVB2	114329	159293	1.70%	0.152%
68	20.504	2956	2961	2964	rBV2	138192	267587	2.85%	0.256%
69	20.545	2964	2968	2972	rVV3	170718	313123	3.34%	0.299%
70	21.174	3072	3075	3077	rBV	110907	129551	1.38%	0.124%
71	21.210	3079	3081	3085	rVB	192507	211389	2.25%	0.202%
72	21.269	3085	3091	3099	rBV6	227498	764164	8.14%	0.731%
73	21.522	3130	3134	3139	rBV	300839	466586	4.97%	0.446%
74	21.598	3139	3147	3152	rVV2	2145812	4593132	48.94%	4.392%
75	21.639	3152	3154	3166	rVB	712680	1167259	12.44%	1.116%
76	21.804	3178	3182	3186	rBV	166769	354614	3.78%	0.339%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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	22.886	3362	3366	3372	rVB2	223871	436243	4.65%	0.417%
78	24.945	3709	3716	3725	rBV	1157606	2793774	29.77%	2.672%

Sum of corrected areas: 104567936

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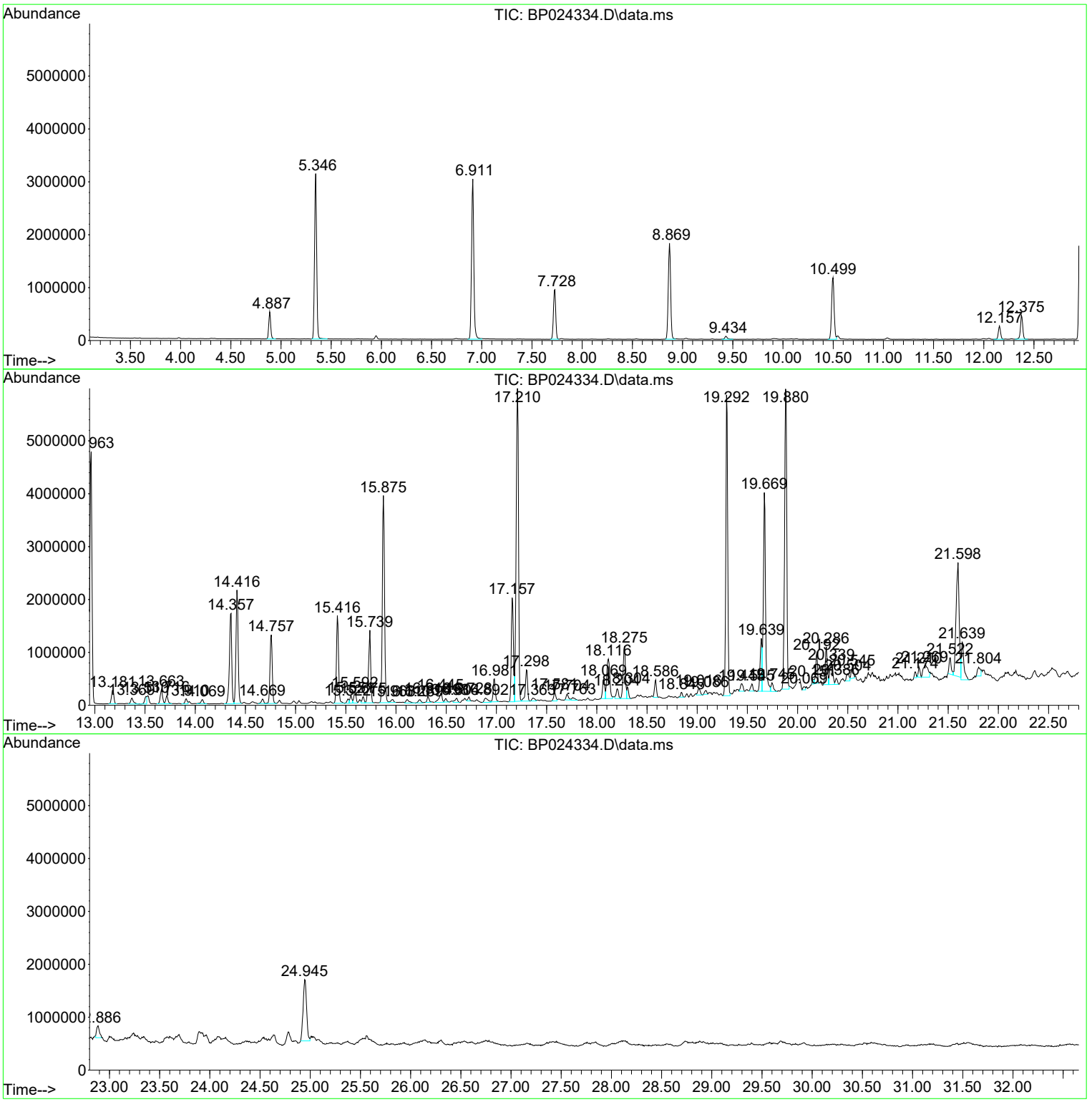
Instrument :
BNA_P
ClientSampleId :
RT-3873

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\BP041725\
Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

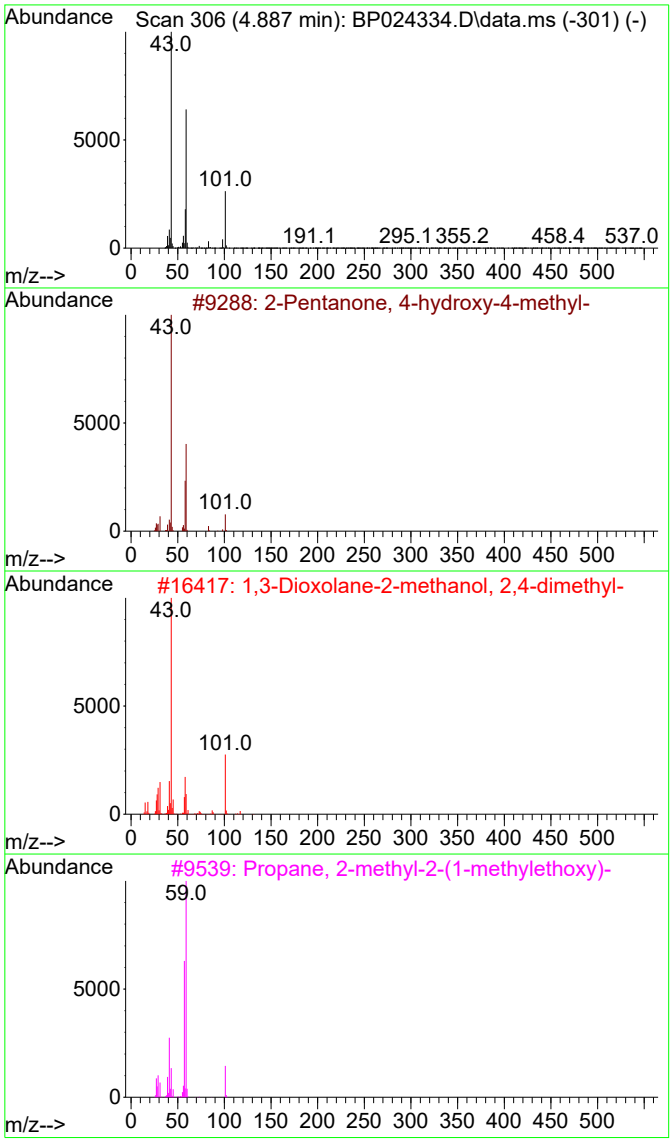
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

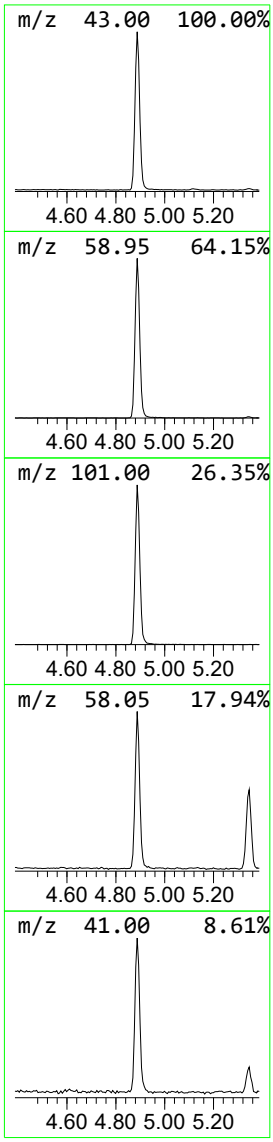
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	9.31 ng	683946	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 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

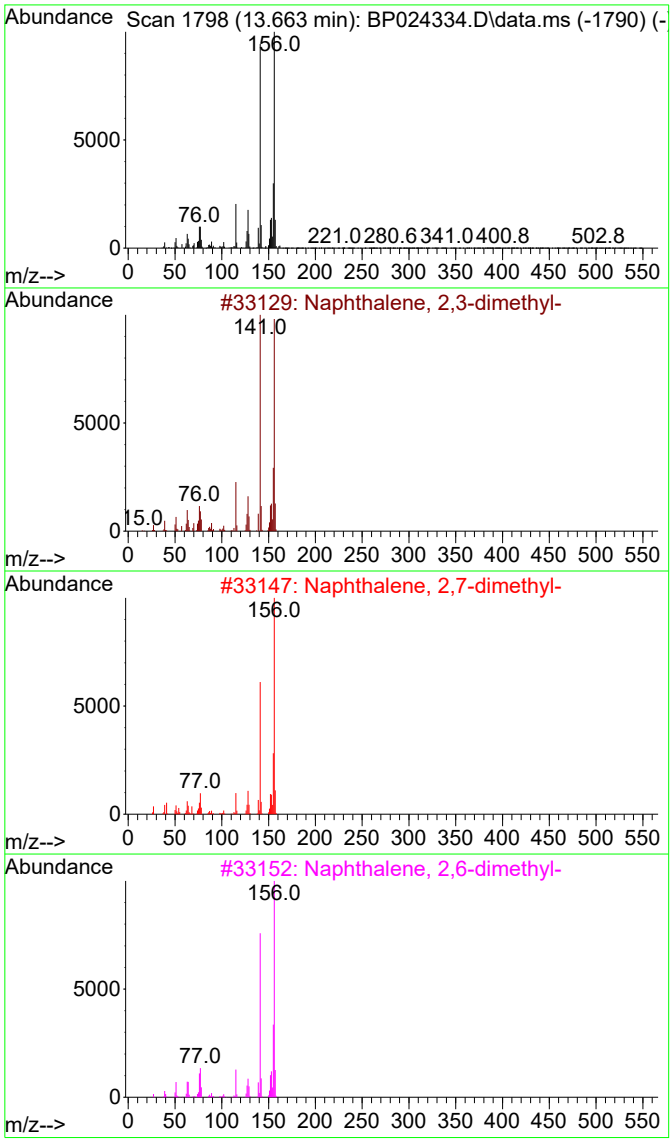
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

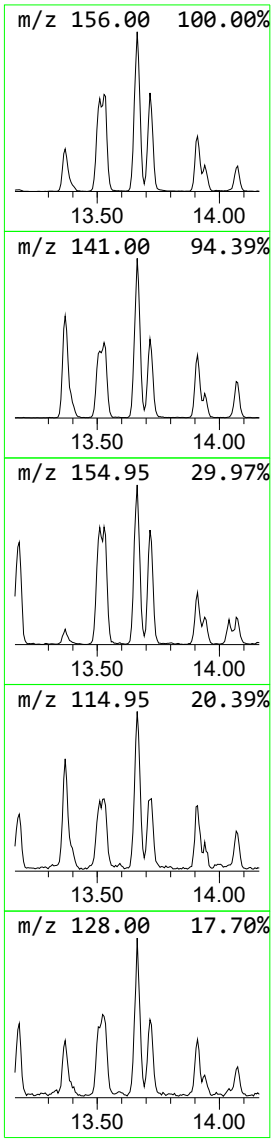
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	3.14 ng	433996	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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

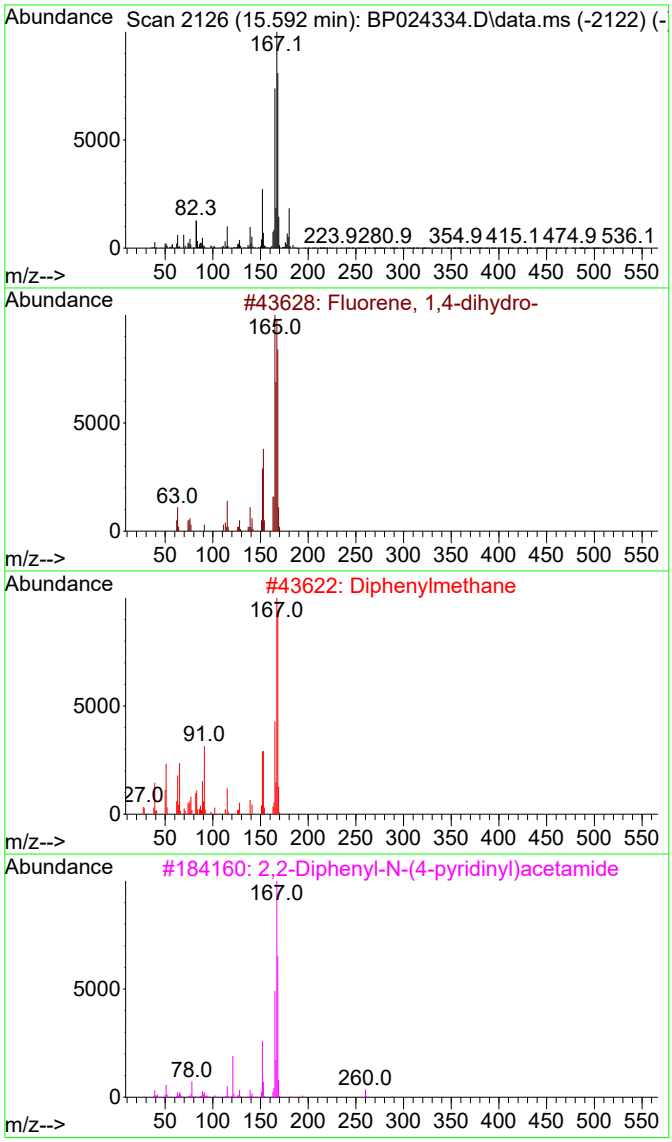
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

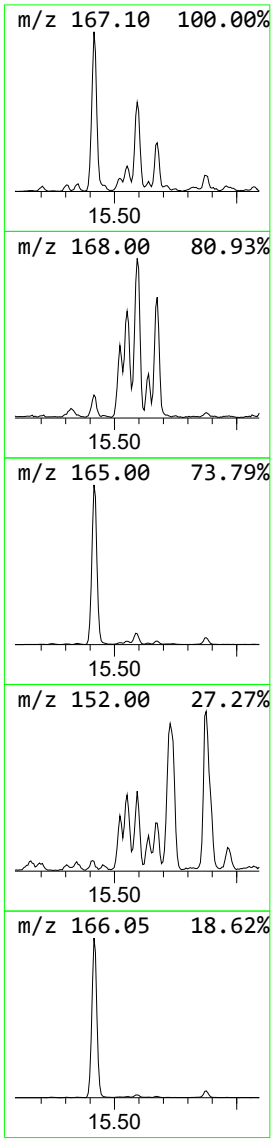
****

Peak Number 3 Fluorene, 1,4-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	2.48 ng	343084	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	83
2	Diphenylmethane	168	C13H12	000101-81-5	64
3	2,2-Diphenyl-N-(4-pyridinyl)acet...	288	C19H16N2O	073110-31-3	64
4	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	64
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 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

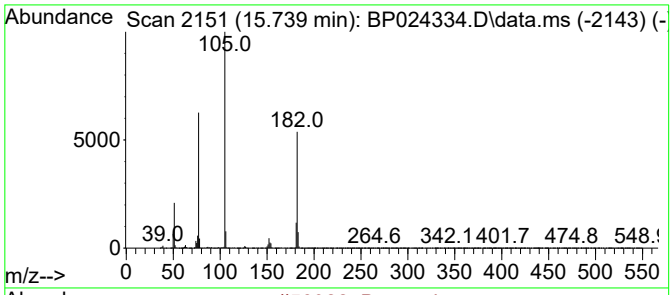
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

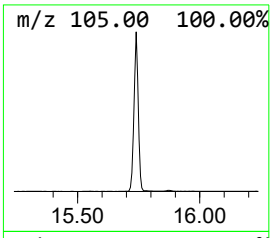
****

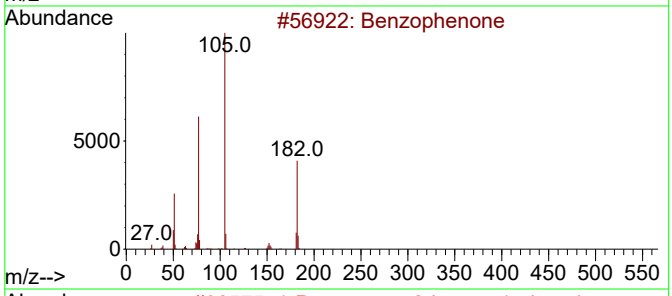
Peak Number 4 Benzophenone Concentration Rank 1

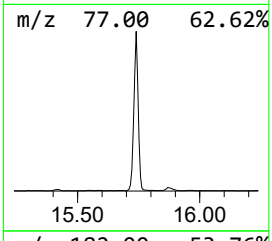
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	14.45 ng	1996350	Acenaphthene-d10	14.357

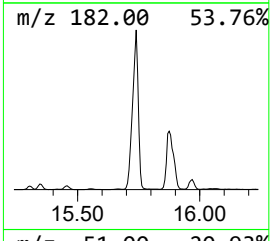
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47

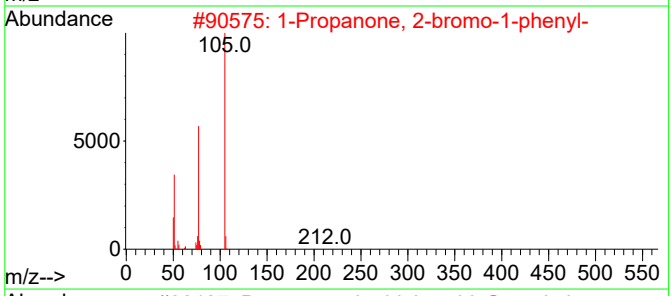


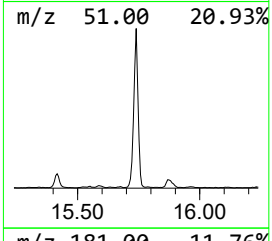


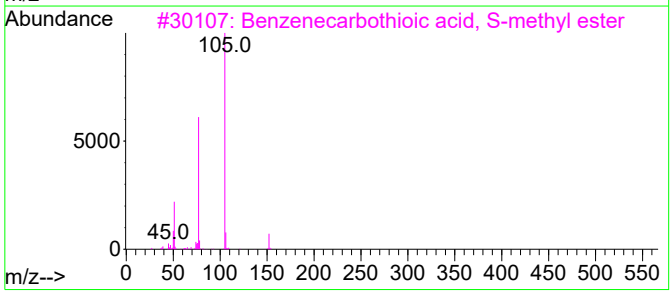


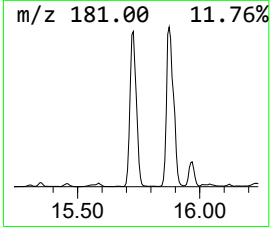












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Misc :
ALS Vial : 16 Sample Multiplier: 1

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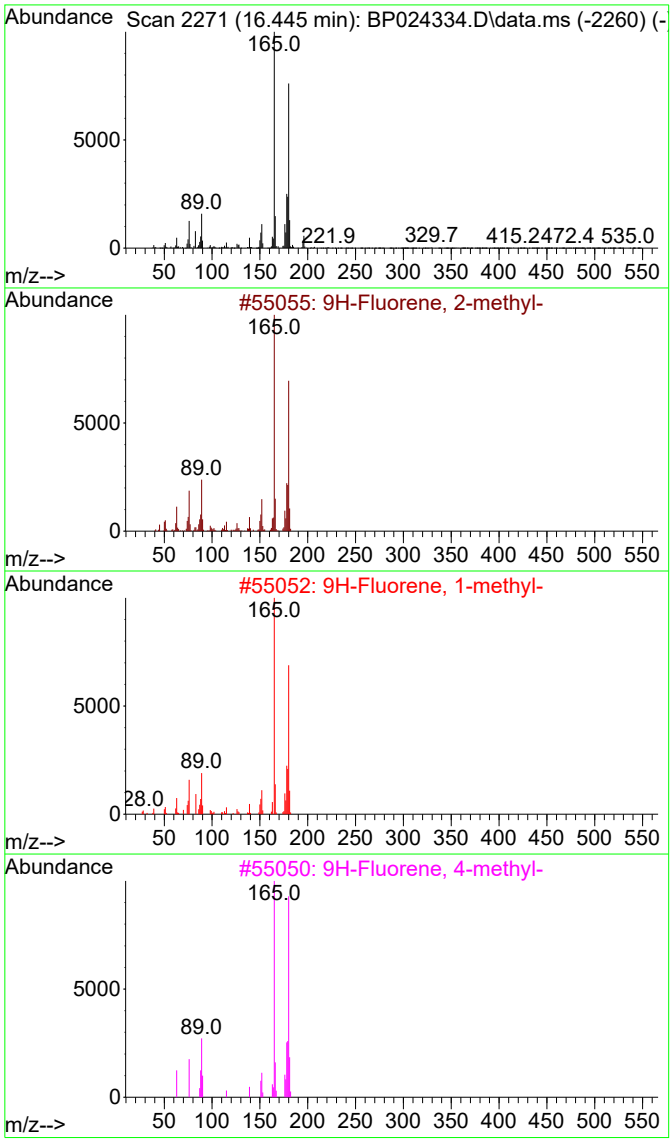
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

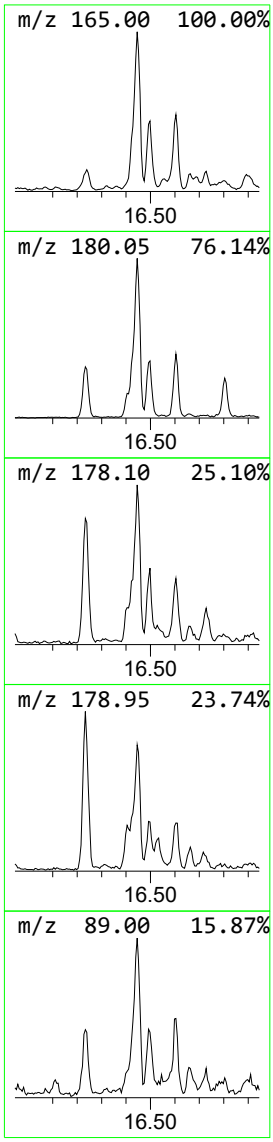
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	2.59 ng	377814	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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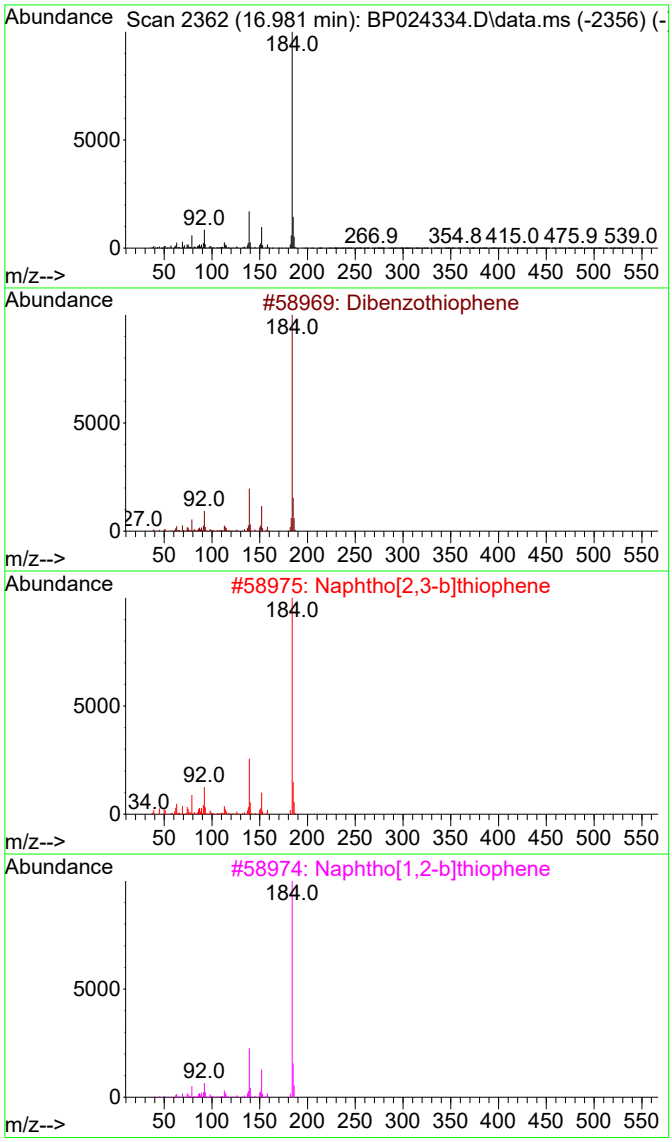
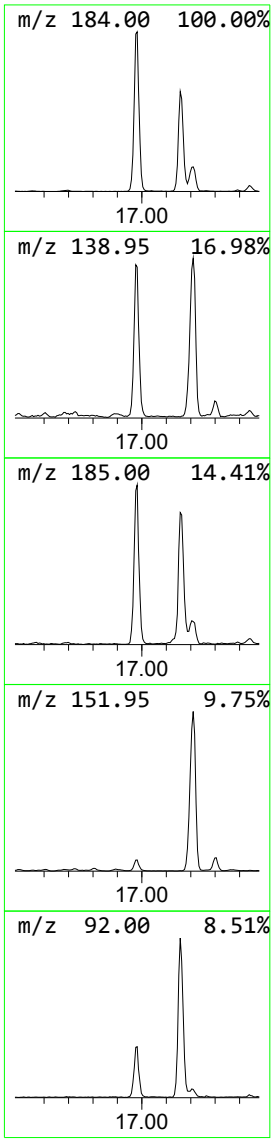
Peak Number 6 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.981	4.39 ng	639839	Phenanthrene-d10	17.157

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	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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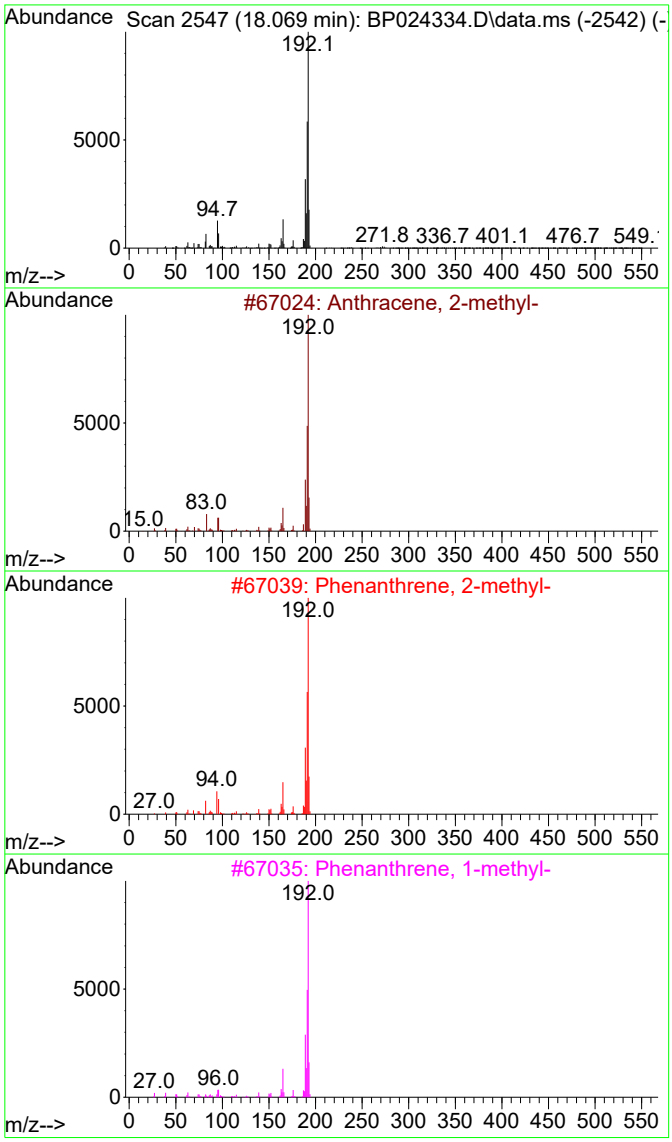
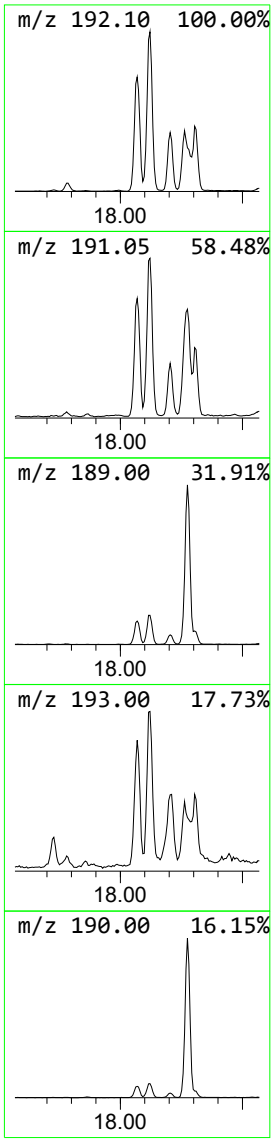
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	4.02 ng	586421	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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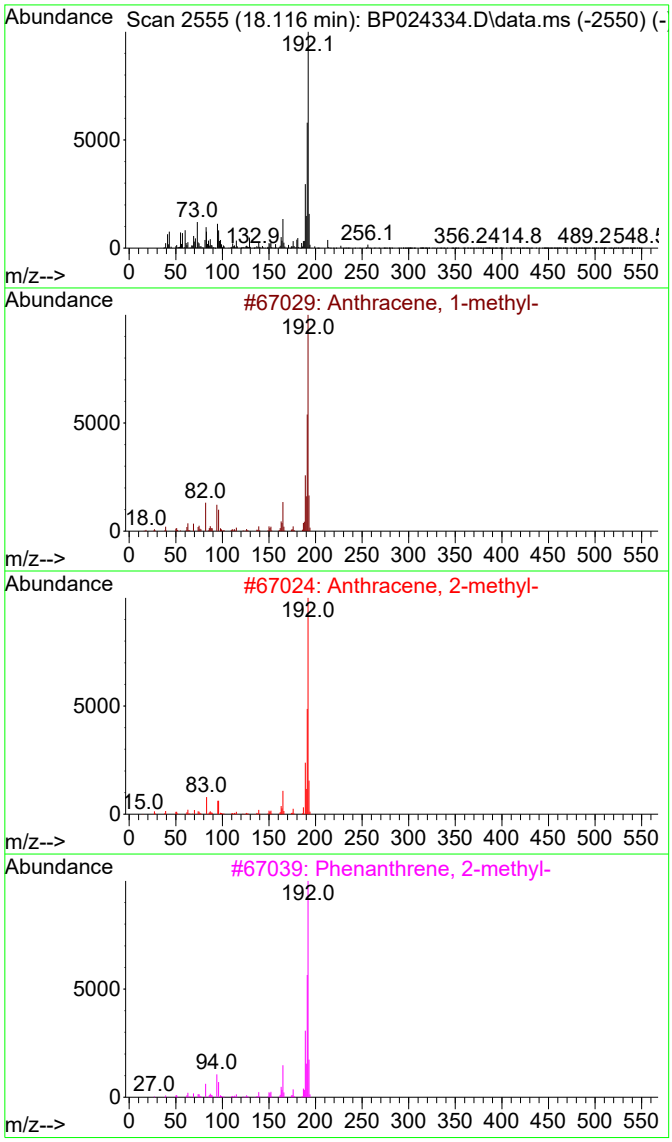
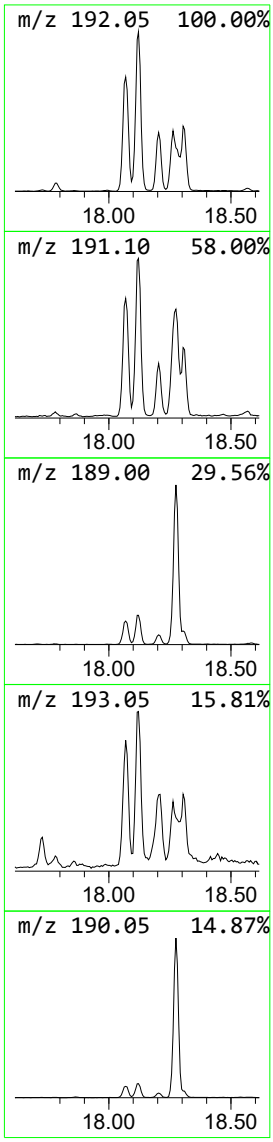
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	10.71 ng	1560220	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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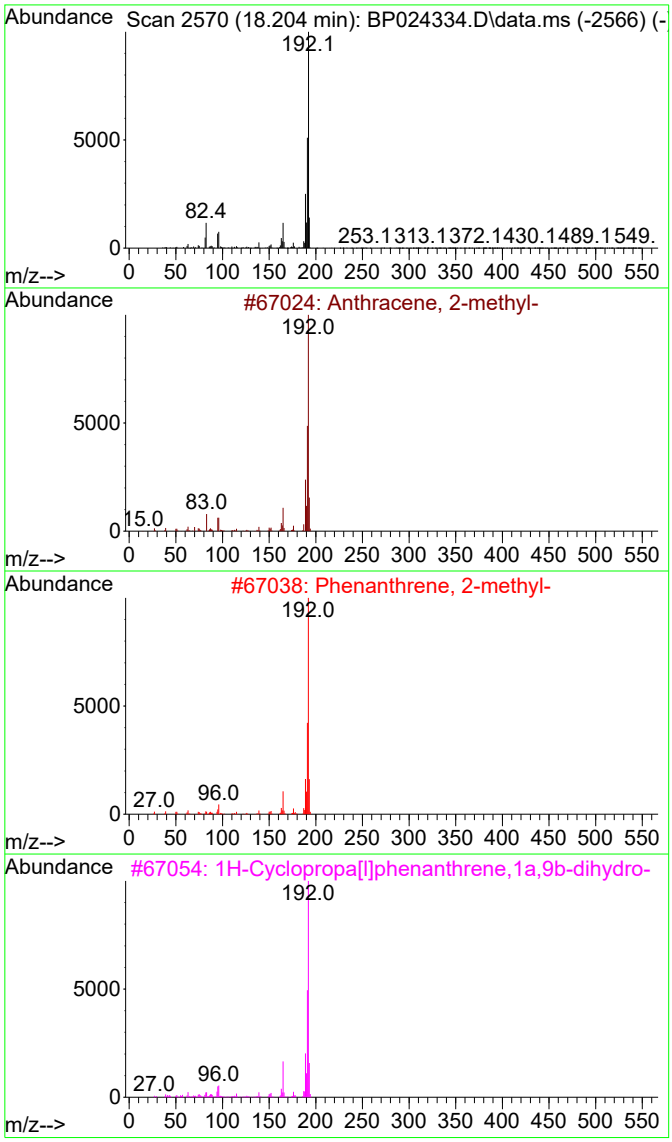
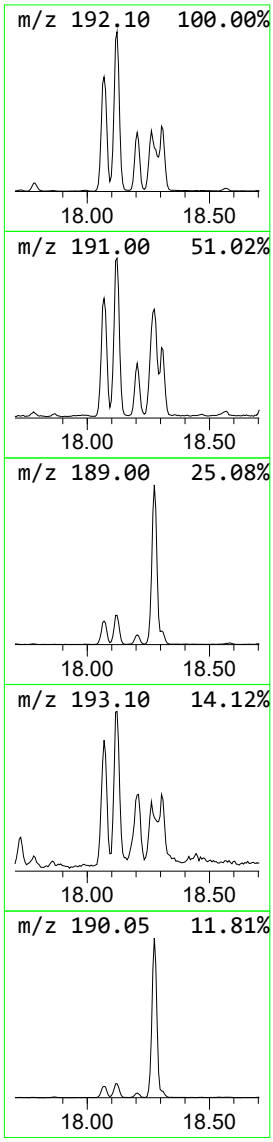
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.05 ng	298369	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

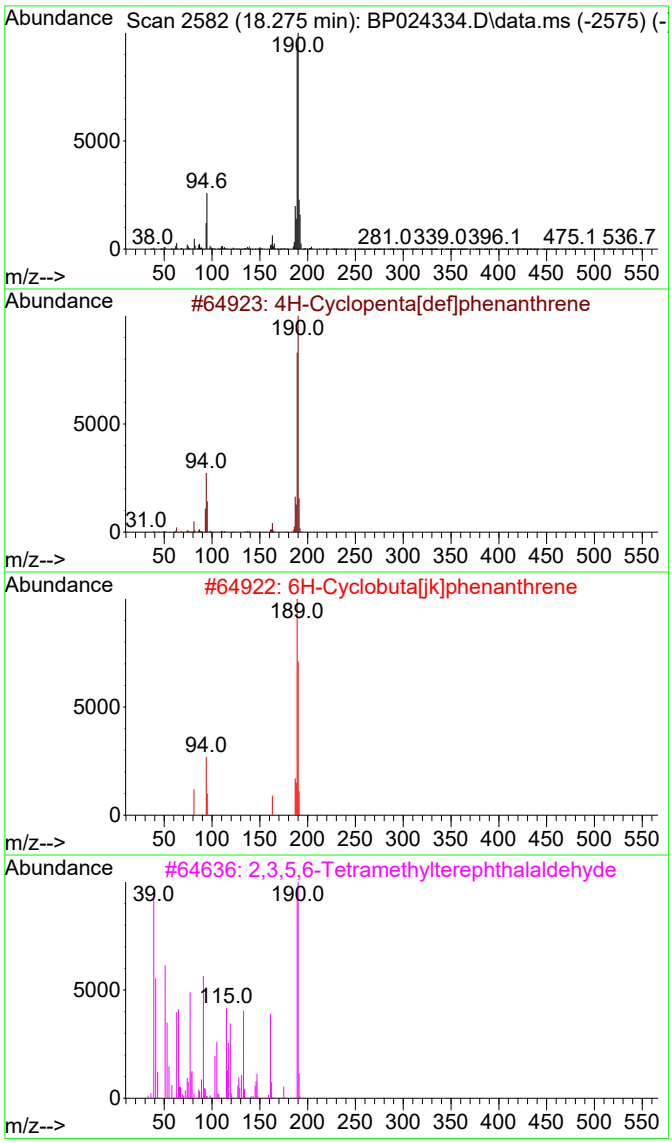
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

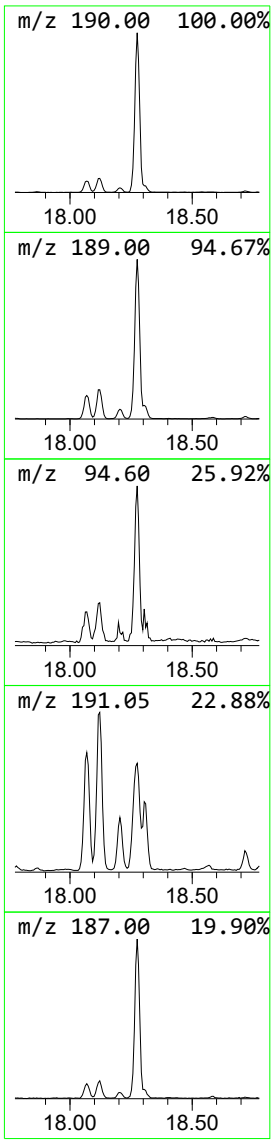
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	11.04 ng	1609170	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

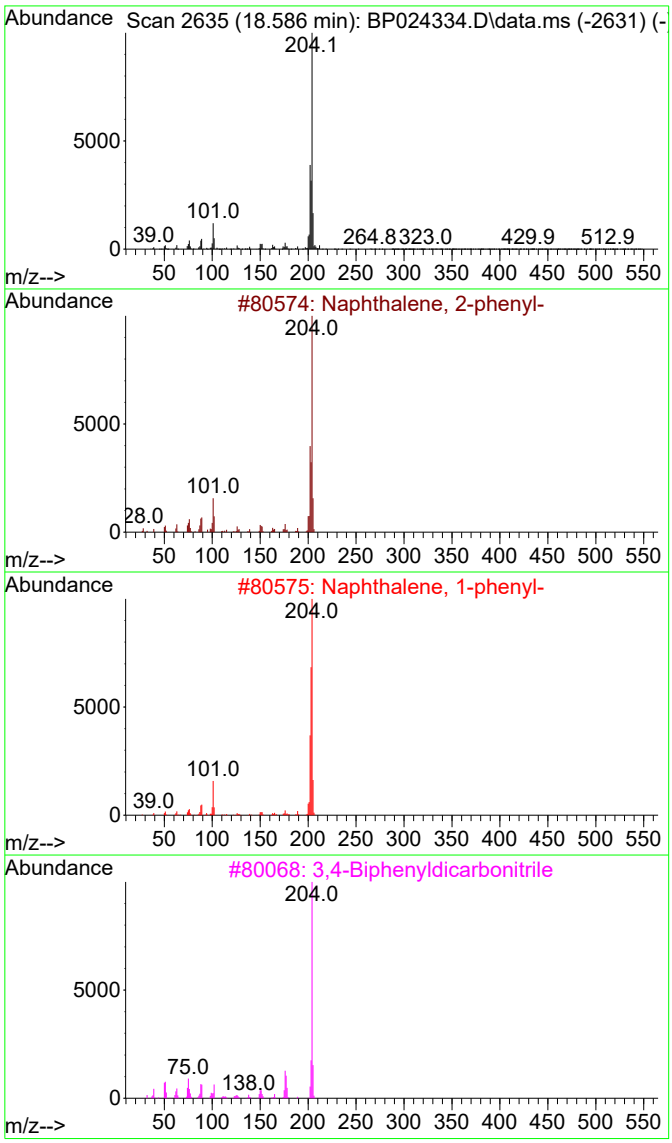
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

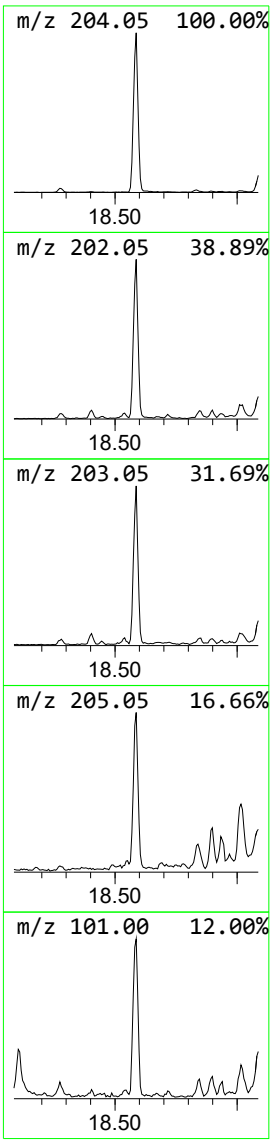
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	2.92 ng	426071	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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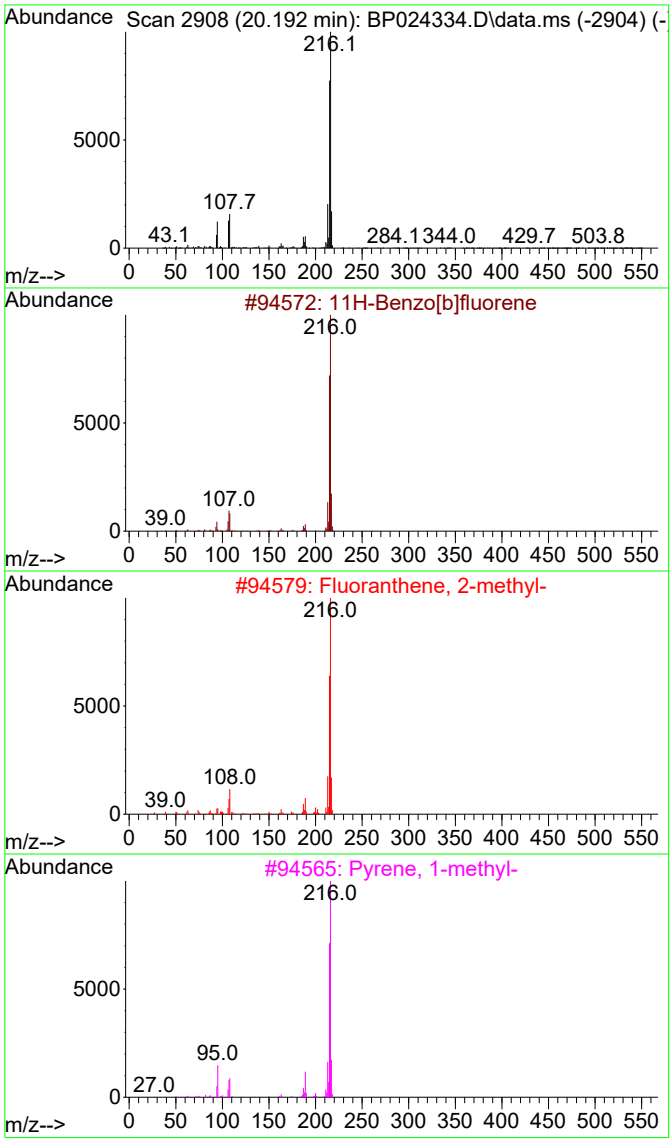
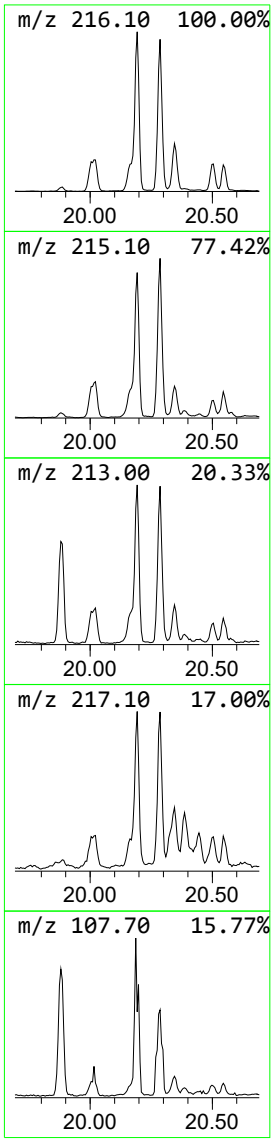
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.192	3.01 ng	690391	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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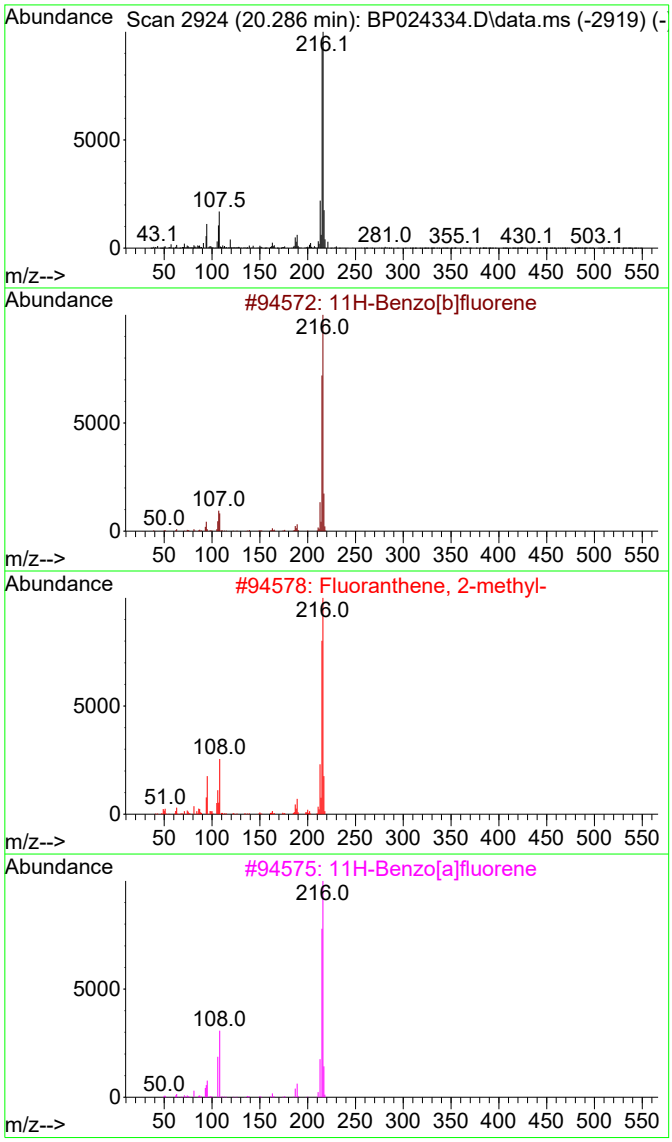
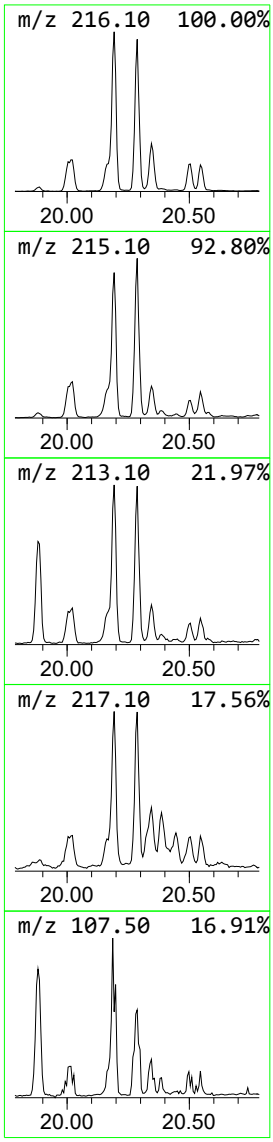
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	4.62 ng	1060320	Chrysene-d12	21.598

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	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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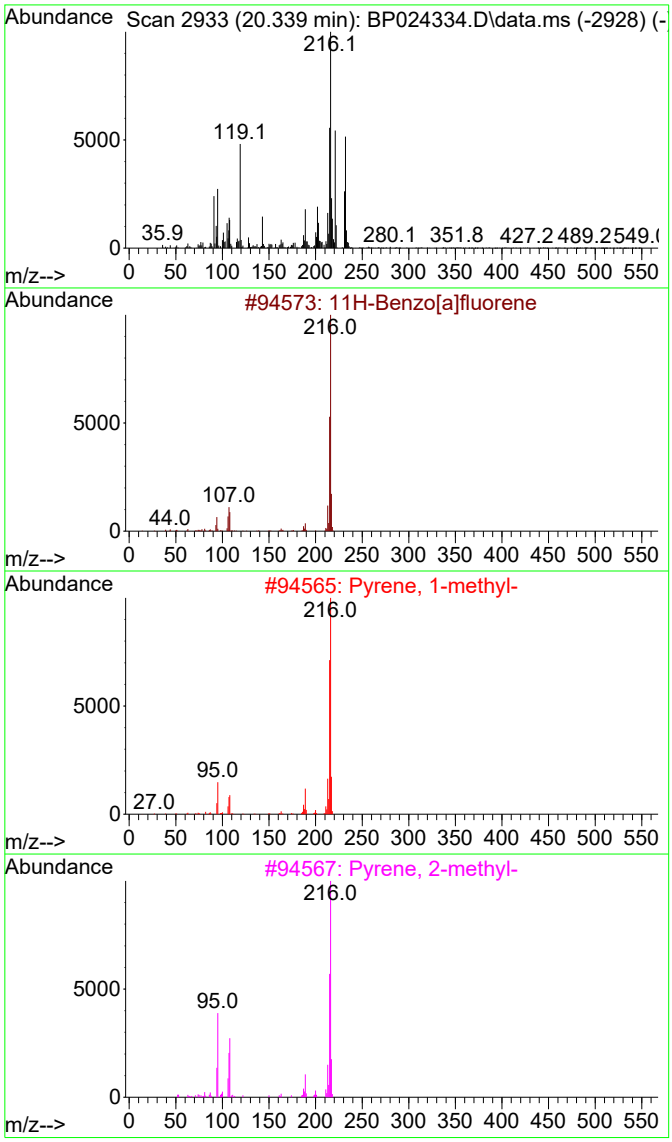
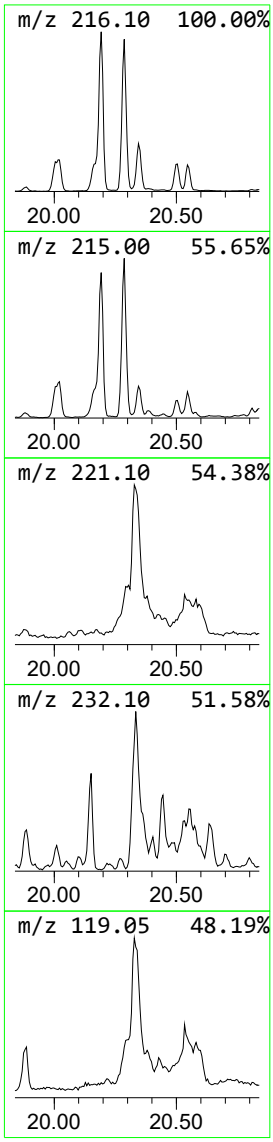
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	3.71 ng	852366	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	42
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	38





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Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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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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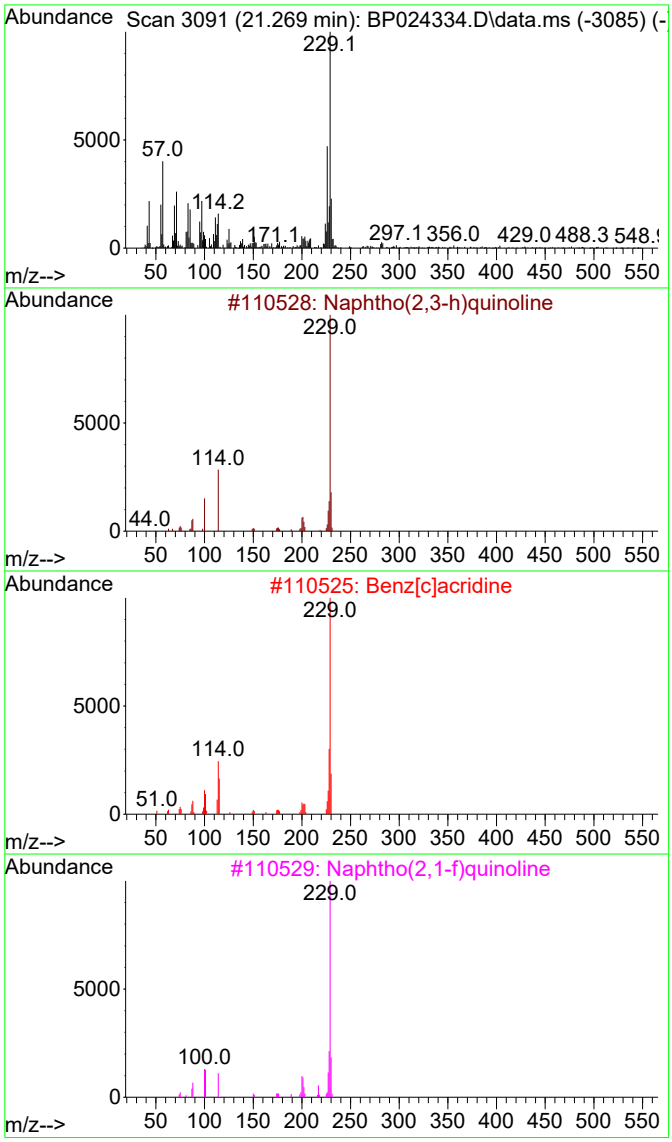
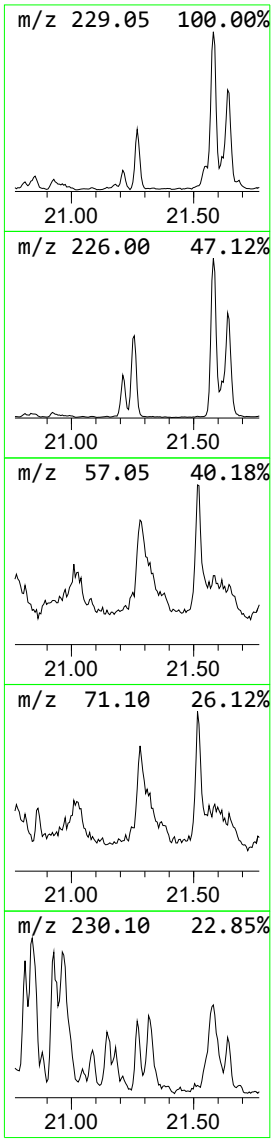
Peak Number 15 Naphtho(2,3-h)quinoline Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.269	3.33 ng	764164	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	60
2	Benz[c]acridine	229	C17H11N	000225-51-4	55
3	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	47
4	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	46
5	6-Chloro-2-(pyridin-2-yl)-1H-1,3...	229	C12H8ClN3	063053-15-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024334.D
Acq On : 17 Apr 2025 20:06
Operator : RC/JU
Sample : Q1818-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3873

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-...	4.887	9.3	ng	683946	1	7.728	1468870	20.0
Naphthalene, 2,...	13.663	3.1	ng	433996	3	14.357	2763620	20.0
Fluorene, 1,4-d...	15.592	2.5	ng	343084	3	14.357	2763620	20.0
Benzophenone	15.740	14.4	ng	1996350	3	14.357	2763620	20.0
9H-Fluorene, 2-...	16.445	2.6	ng	377814	4	17.157	2914200	20.0
Dibenzothiophene	16.981	4.4	ng	639839	4	17.157	2914200	20.0
Anthracene, 2-m...	18.069	4.0	ng	586421	4	17.157	2914200	20.0
Anthracene, 1-m...	18.116	10.7	ng	1560220	4	17.157	2914200	20.0
Phenanthrene, 2...	18.204	2.0	ng	298369	4	17.157	2914200	20.0
4H-Cyclopenta[d...	18.275	11.0	ng	1609170	4	17.157	2914200	20.0
Naphthalene, 2-...	18.586	2.9	ng	426071	4	17.157	2914200	20.0
11H-Benzo[b]flu...	20.192	3.0	ng	690391	5	21.598	4593130	20.0
Fluoranthene, 2...	20.286	4.6	ng	1060320	5	21.598	4593130	20.0
11H-Benzo[a]flu...	20.339	3.7	ng	852366	5	21.598	4593130	20.0
Naphtho(2,3-h)q...	21.269	3.3	ng	764164	5	21.598	4593130	20.0