LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-640-COMP-66

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024749.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	289	295	307	rBV	94139	142233	2.63%	0.207%
2	5.287	368	374	394	rBV	1154148	1734768	32.11%	2.520%
3	6.857	634	641	666	rBV	953886	1800637	33.33%	2.616%
4	7.651	769	776	786	rBV	364328	602134	11.15%	0.875%
5	8.804	965	972	986	rBV	596488	1147678	21.25%	1.667%
6	10.422	1238	1247	1264	rBV	434938	844214	15.63%	1.227%
7	12.892	1658	1667	1687	rBV	1904810	2977245	55.12%	4.326%
8	13.598	1781	1787	1793	rBV2	33677	61740	1.14%	0.090%
9	14.004	1850	1856	1869	rBV	148651	263670	4.88%	0.383%
10	14.286	1893	1904	1911	rBV	695221	1107491	20.50%	1.609%
11	14.345	1911	1914	1923	rVB	41265	70464	1.30%	0.102%
12	14.698	1967	1974	1981	rVB2	29884	56523	1.05%	0.082%
13	14.910	2003	2010	2015	rBV3	42516	87083	1.61%	0.127%
14	15.169	2049	2054	2061	rVB	36099	61105	1.13%	0.089%
15	15.351	2079	2085	2087	rBV2	36088	63628	1.18%	0.092%
16	15.669	2130	2139	2152	rVB	275577	485634	8.99%	0.706%
17	15.804	2153	2162	2180	rBV	1704036	2868713	53.11%	4.168%
18	16.045	2196	2203	2212	rVB6	40171	90135	1.67%	0.131%
19	16.374	2252	2259	2264	rBV3	39357	91066	1.69%	0.132%
20	16.739	2316	2321	2326	rVB3	31810	57380	1.06%	0.083%
21	16.798	2328	2331	2342	rVV4	25923	70709	1.31%	0.103%
22	16.892	2342	2347	2356	rVB	48807	90927	1.68%	0.132%
23	17.074	2372	2378	2382	rBV2	892214	1347249	24.94%	1.957%
24	17.116	2382	2385	2395	rVV	922412	1302616	24.11%	1.893%
25	17.216	2397	2402	2408	rVV	234423	394731	7.31%	0.574%
26	17.280	2408	2413	2418	rVB3	28462	61398	1.14%	0.089%
27	17.680	2476	2481	2488	rVB4	50567	93865	1.74%	0.136%
28	17.816	2501	2504	2511	rVB	29353	55311	1.02%	0.080%
29	17.974	2526	2531	2535	rBV	228813	364817	6.75%	0.530%
30	18.027	2535	2540	2547	rVV	378815	676747	12.53%	0.983%
31	18.110	2550	2554	2559	rVV	141993	193879	3.59%	0.282%
32	18.174	2559	2565	2570	rVV2	361113	726634	13.45%	1.056%
33	18.216	2570	2572	2582	rVB	209575	296760	5.49%	0.431%
34	18.310	2584	2588	2592	rBV4	31516	54297	1.01%	0.079%
35	18.451	2608	2612	2616	rBV7	40862	70834	1.31%	0.103%
36	18.498	2616	2620	2625	rVV	174683	248846	4.61%	0.362%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-640-COMP-66

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.551	2625	2629	2638	rVB2	104452	165811	3.07%	0.241%
38	18.757	2660	2664	2669	rVV2	65840	121364	2.25%	0.176%
39	18.804	2669	2672	2676	rVV	92486	114050	2.11%	0.166%
40	18.845	2676	2679	2683	rVB	63745	83948	1.55%	0.122%
41	18.927	2688	2693	2698	rBV	266136	415191	7.69%	0.603%
42	18.992	2698	2704	2708	rVV2	134473	301777	5.59%	0.438%
43	19.021	2708	2709	2714	rVB2	76918	80128	1.48%	0.116%
44	19.080	2714	2719	2727	rBV3	193774	394107	7.30%	0.573%
45	19.204	2734	2740	2748	rBV	3108931	4327675	80.12%	6.288%
46	19.274	2749	2752	2755	rVV	64347	88660	1.64%	0.129%
47	19.310	2755	2758	2761	rVV4	79087	108644	2.01%	0.158%
48	19.363	2762	2767	2771	rVB	136083	209173	3.87%	0.304%
49	19.457	2780	2783	2786	rBV	75224	91733	1.70%	0.133%
50	19.492	2786	2789	2793	rVB3	63773	90657	1.68%	0.132%
51	19.551	2793	2799	2800	rBV	490373	661549	12.25%	0.961%
52	19.580	2800	2804	2813	rVV	3093934	4313129	79.85%	6.267%
53	19.663	2813	2818	2824	rVB2	169784	297986	5.52%	0.433%
54	19.798	2832	2841	2846	rBV	4635010	5401749	100.00%	7.848%
55	19.933	2856	2864	2870	rBV4	258278	660078	12.22%	0.959%
56	20.074	2881	2888	2889	rBV4	234256	445987	8.26%	0.648%
57	20.098	2889	2892	2897	rVB	409894	565475	10.47%	0.822%
58	20.204	2906	2910	2914	rBV2	196912	243035	4.50%	0.353%
59	20.262	2914	2920	2924	rVV2	413602	646751	11.97%	0.940%
60	20.304	2925	2927	2932	rVB3	99948	101089	1.87%	0.147%
61	20.351	2932	2935	2940	rBV3	70423	111949	2.07%	0.163%
62	20.410	2941	2945	2949	rVV2	262193	313506	5.80%	0.455%
63	20.457	2949	2953	2958	rVV	255679	356602	6.60%	0.518%
64	20.586	2973	2975	2981	rVB4	72612	92390	1.71%	0.134%
65	20.892	3023	3027	3034	rVB	425250	593764	10.99%	0.863%
66	21.074	3050	3058	3062	rBV3	313841	666212	12.33%	0.968%
67	21.115	3062	3065	3069	rVV	290323	426423	7.89%	0.620%
68	21.162	3069	3073	3081	rVV2	348794	803337	14.87%	1.167%
69	21.233	3081	3085	3092	rVB	362518	583934	10.81%	0.848%
70	21.480	3122	3127	3135	rBV2	2084686	5399889	99.97%	7.845%
71	21.545	3135	3138	3152	rVB	1559135	2825671	52.31%	4.105%
72	21.668	3155	3159	3161	rBV3	95114	147010	2.72%	0.214%
73	21.698	3161	3164	3169	rVB	161600	218336	4.04%	0.317%
74	21.780	3174	3178	3183	rBV3	114978	220914	4.09%	0.321%
75	21.904	3196	3199	3201	rBV	84739	113986	2.11%	0.166%
76	22.174	3241	3245	3249	rBV3	111850	194619	3.60%	0.283%

LSC Area Percent Report

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Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.251	3254	3258	3263	rVV	415790	700926	12.98%	1.018%
78	22.315	3266	3269	3275	rVB	171332	299931	5.55%	0.436%
79	22.521	3301	3304	3309	rBV	167017	256875	4.76%	0.373%
80	23.745	3504	3512	3519	rBV	1392921	4233004	78.36%	6.150%
81	23.998	3551	3555	3564	rVB	315828	605828	11.22%	0.880%
82	24.468	3628	3635	3651	rVB	786819	2171847	40.21%	3.155%
83	24.615	3652	3660	3676	rVB2	1173809	3205422	59.34%	4.657%
84	24.774	3679	3687	3694	rBV	847018	2211047	40.93%	3.212%
85	24.850	3696	3700	3709	rVB	274190	587105	10.87%	0.853%
86	28.480	4309	4317	4318	rBV2	437969	894685	16.56%	1.300%

Sum of corrected areas: 68828119

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
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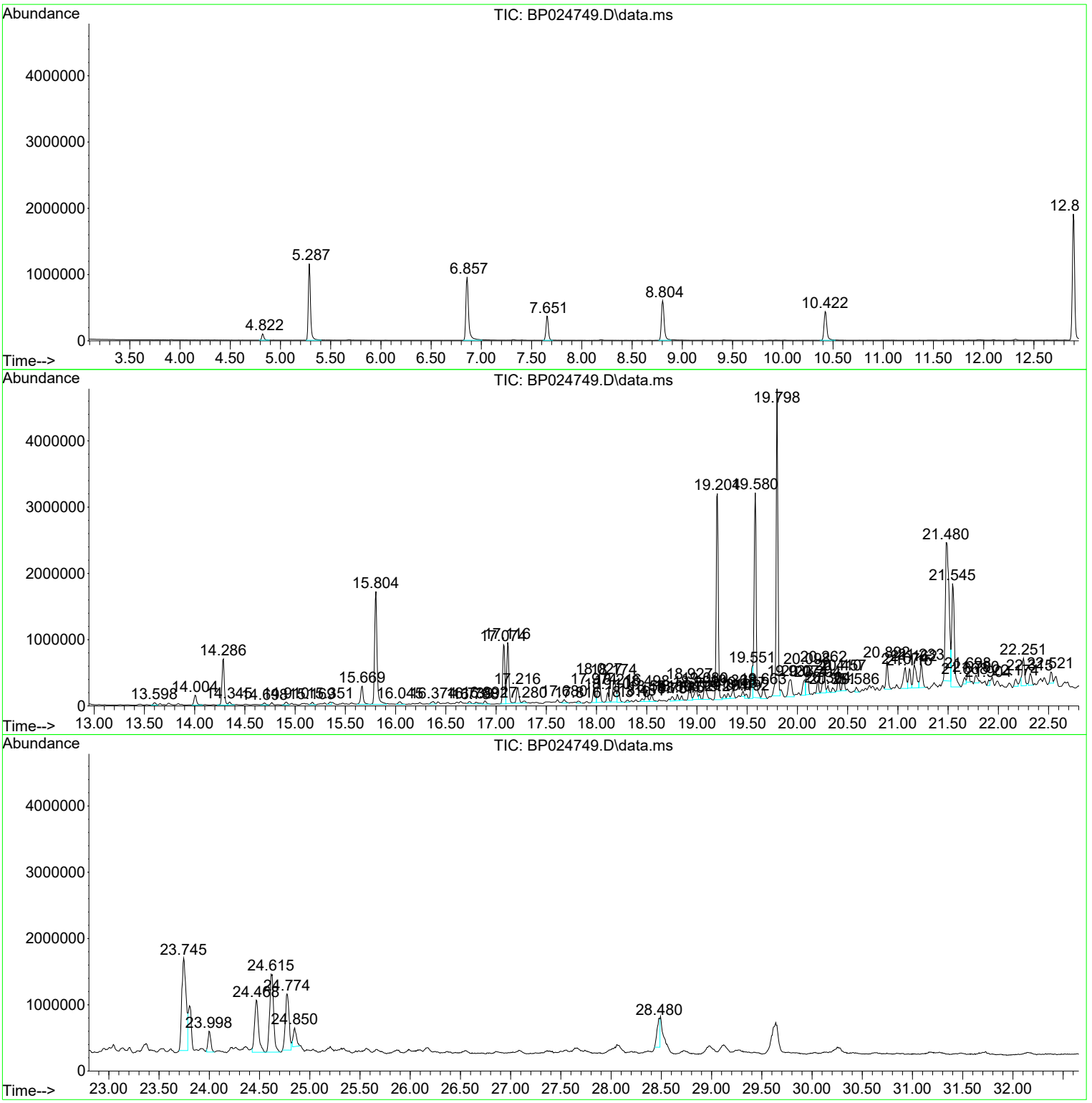
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

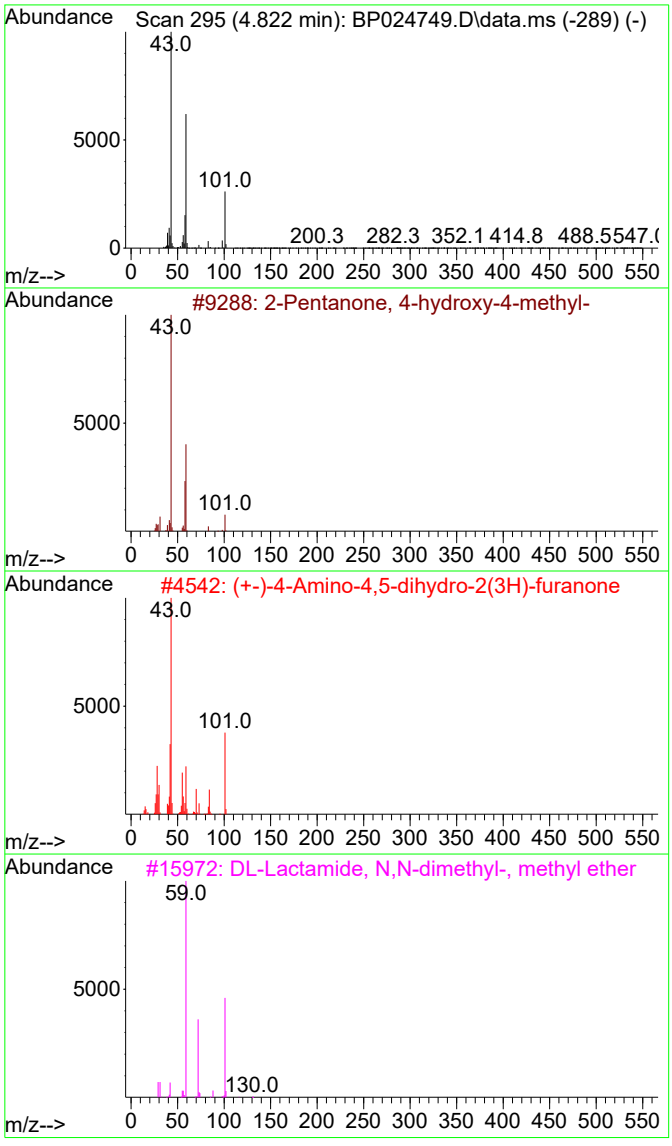
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

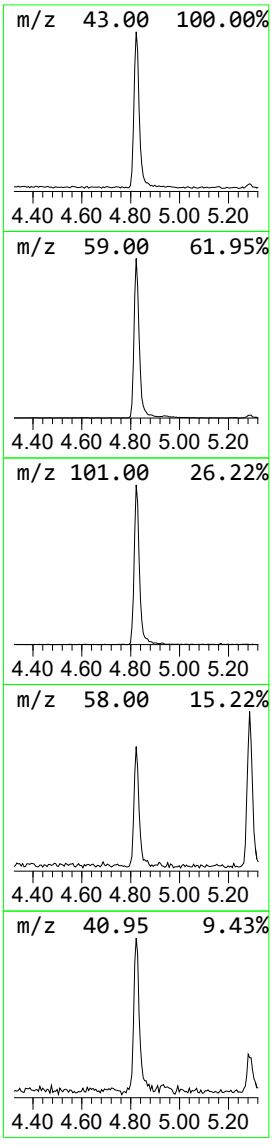
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	4.72 ng	142233	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

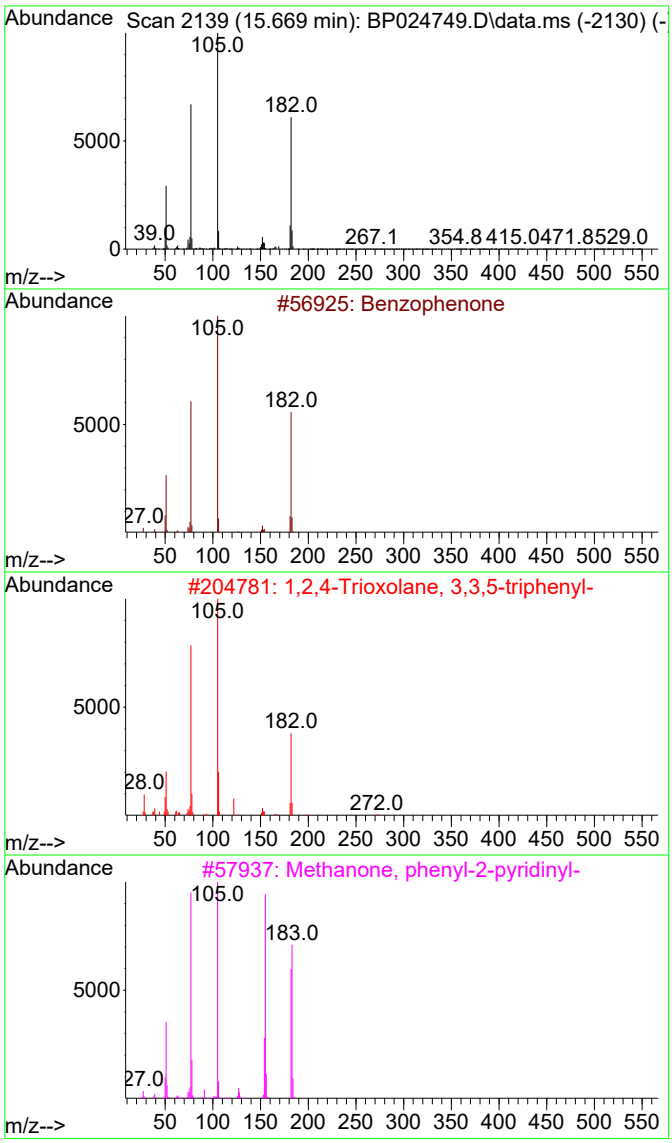
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

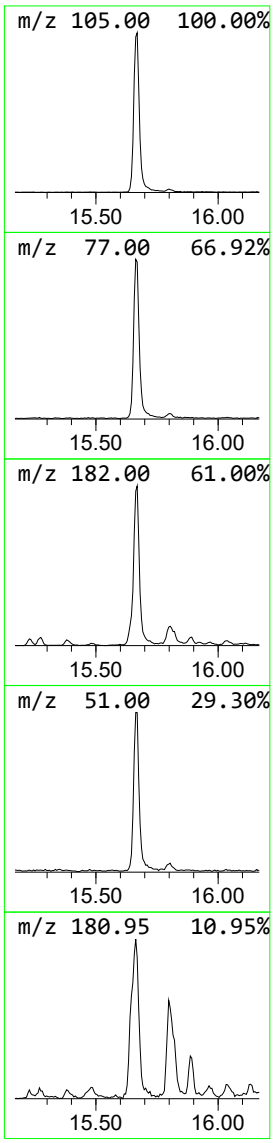
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	8.77 ng	485634	Acenaphthene-d10	14.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	27
5	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

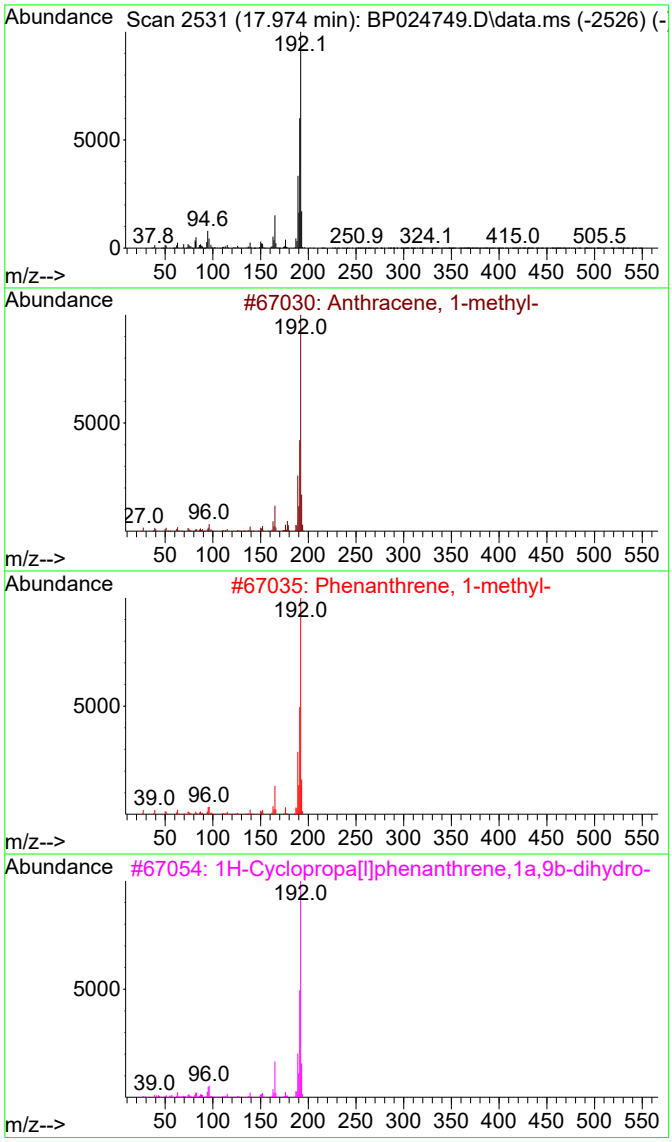
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

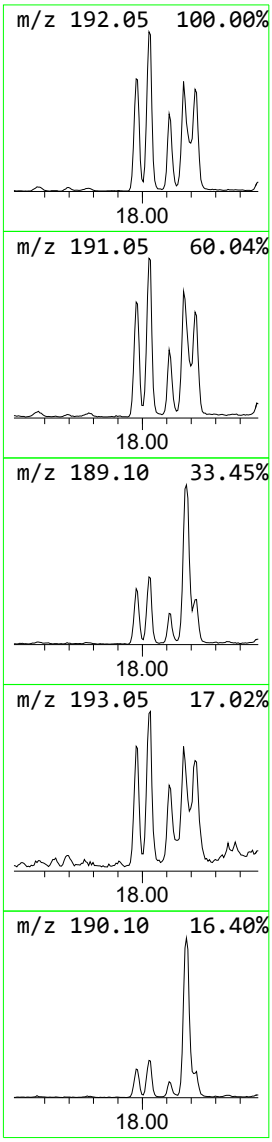
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	5.42 ng	364817	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
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Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

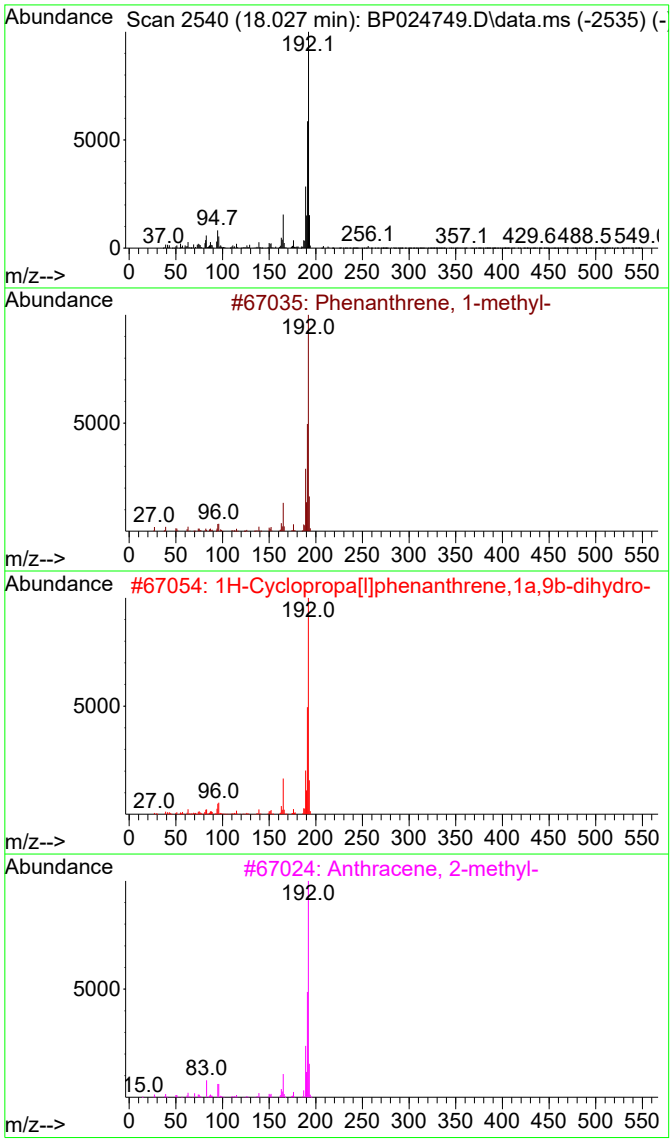
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

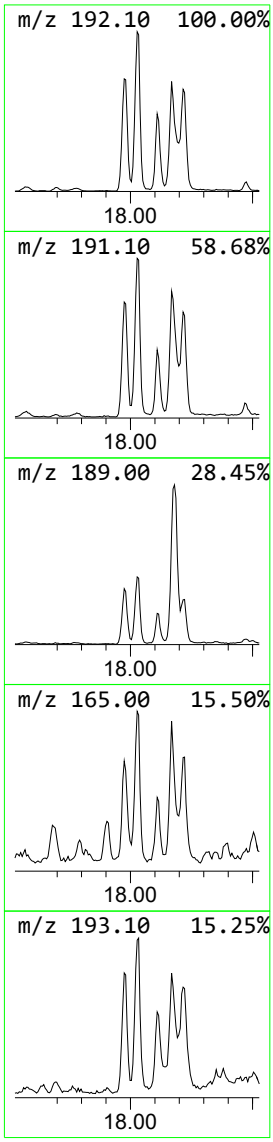
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	10.05 ng	676747	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

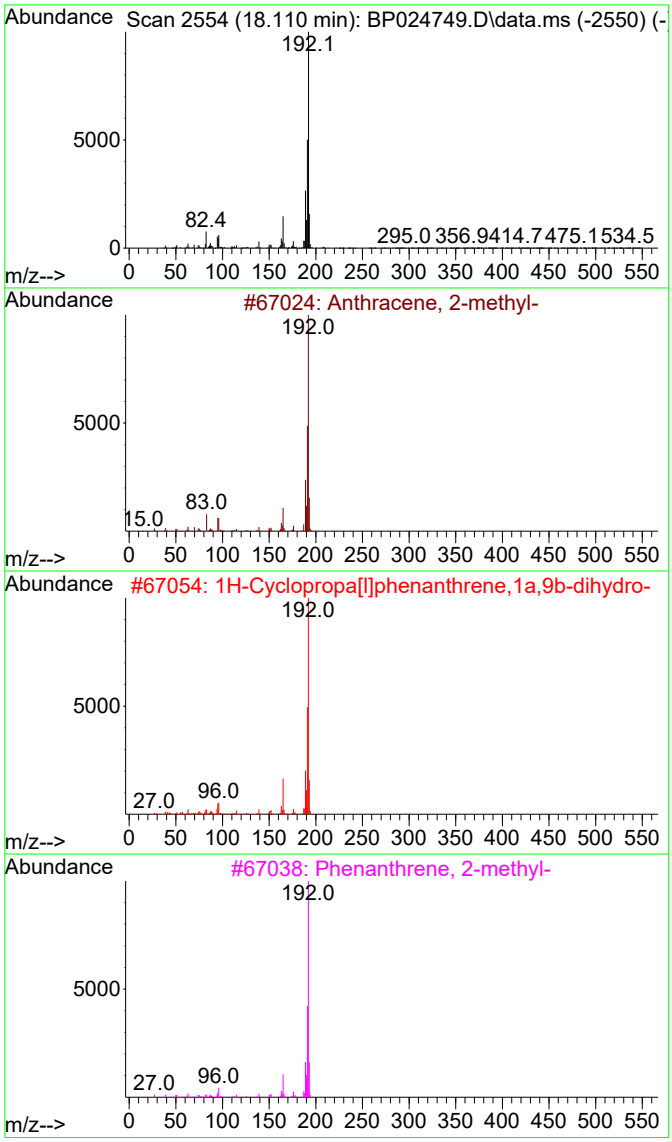
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

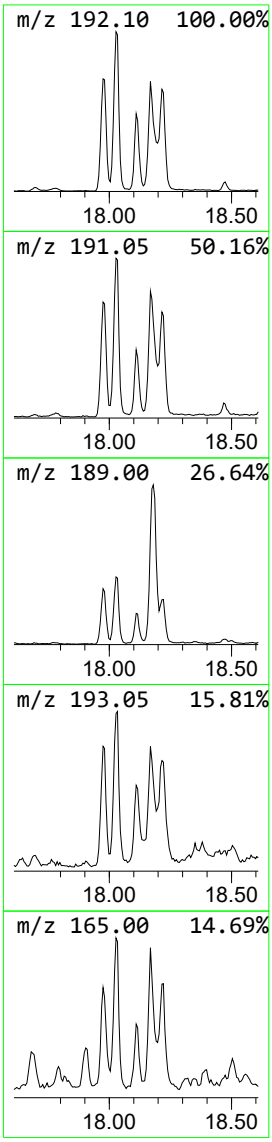
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	2.88 ng	193879	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

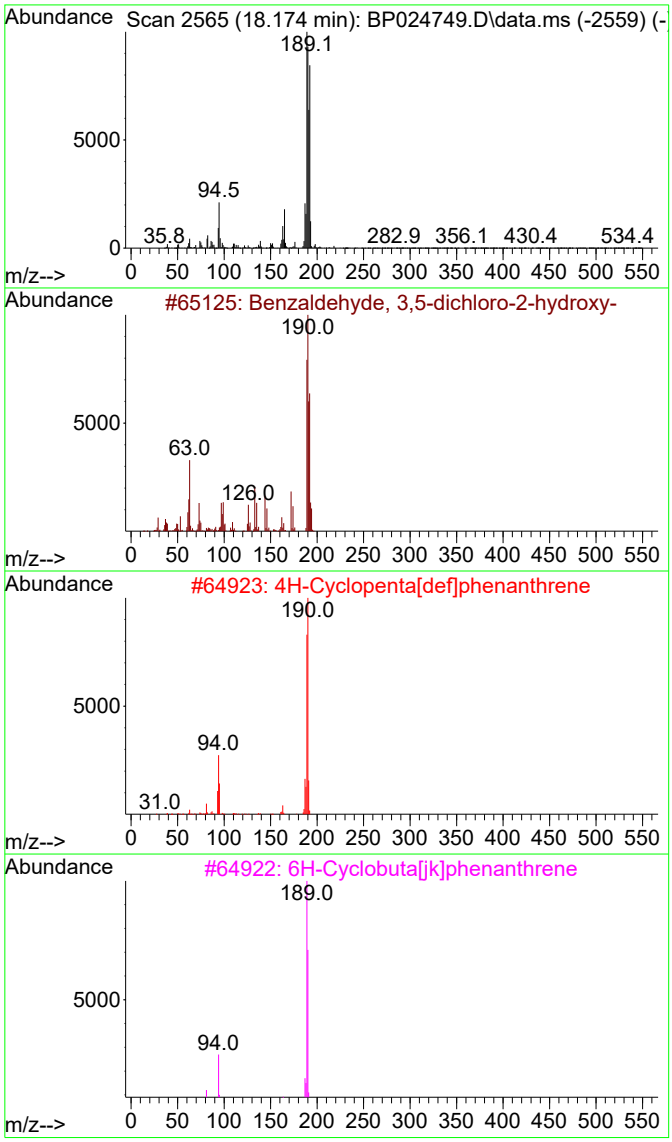
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

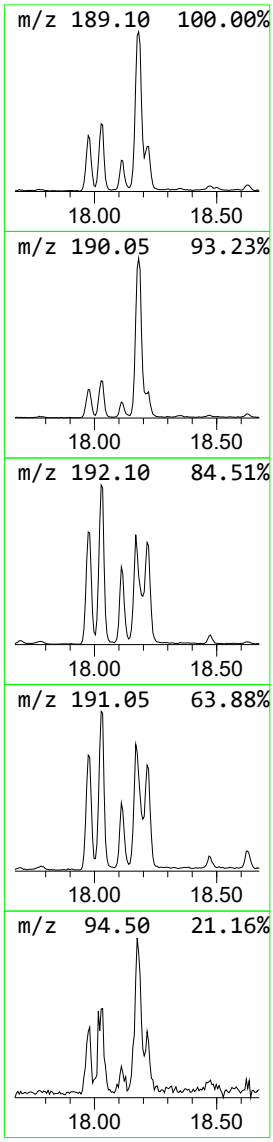
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	10.79 ng	726634	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42





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Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-640-COMP-66

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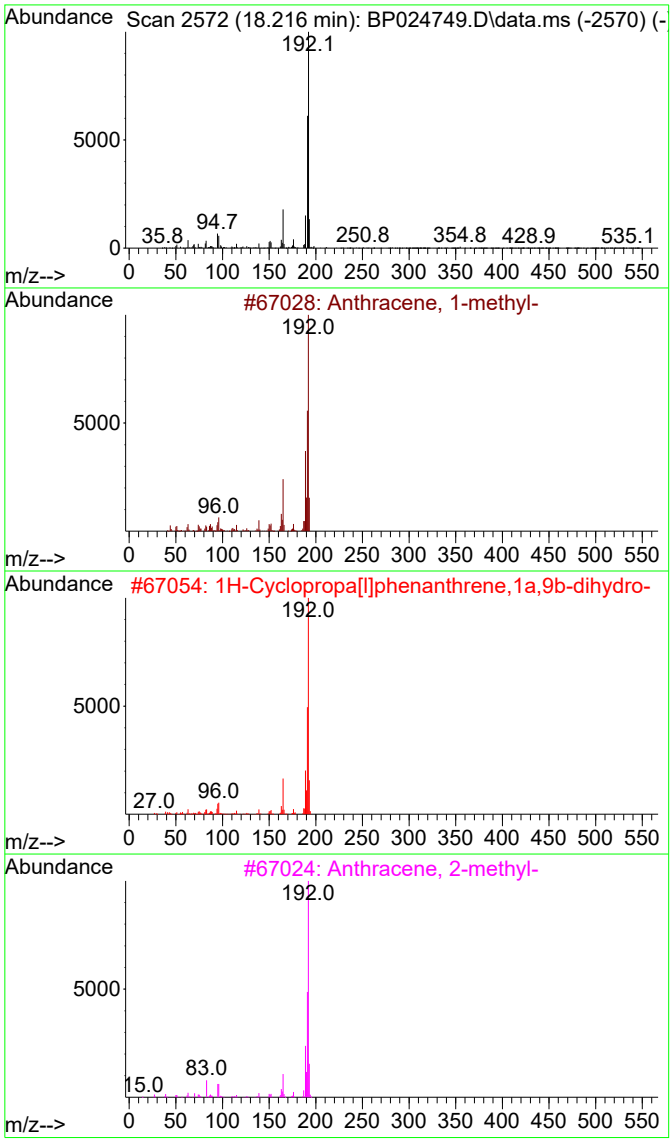
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

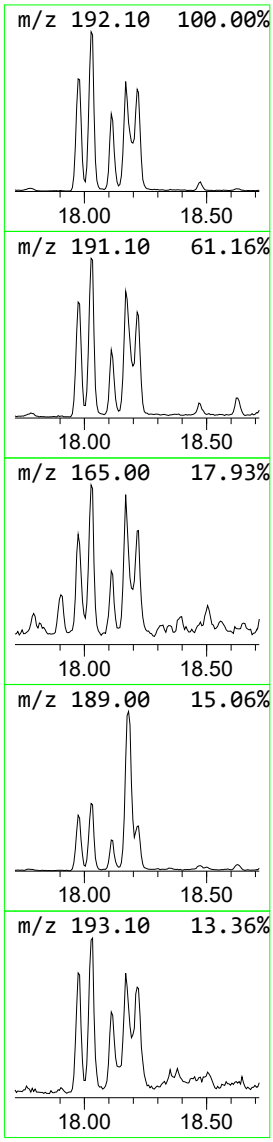
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	4.41 ng	296760	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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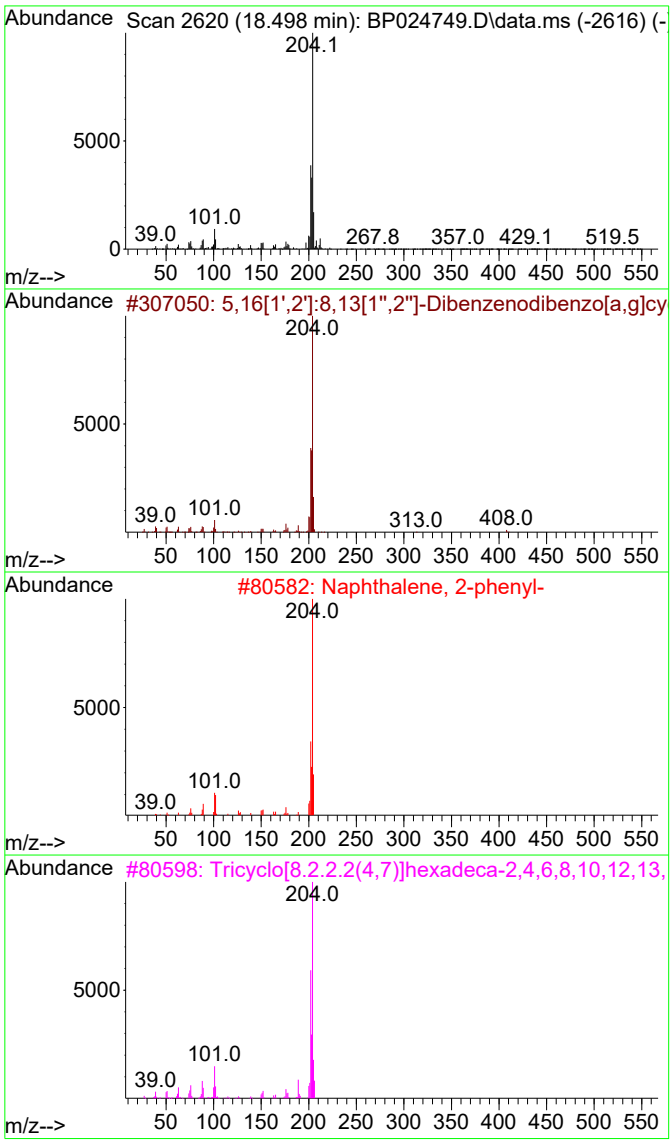
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

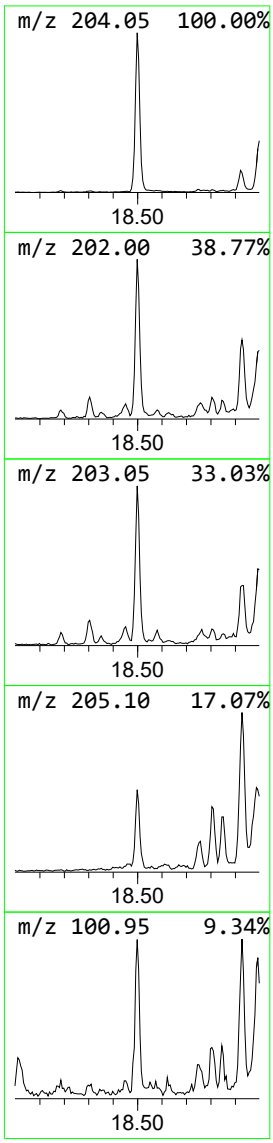
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	3.69 ng	248846	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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TIC Library : C:\Database\NIST20.L
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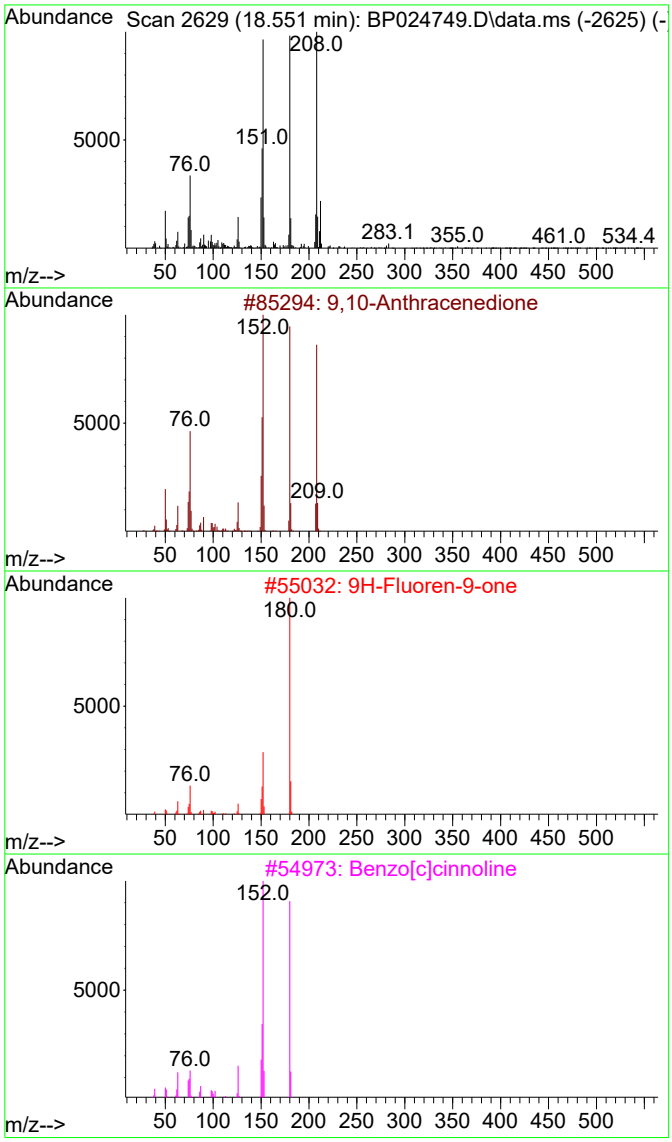
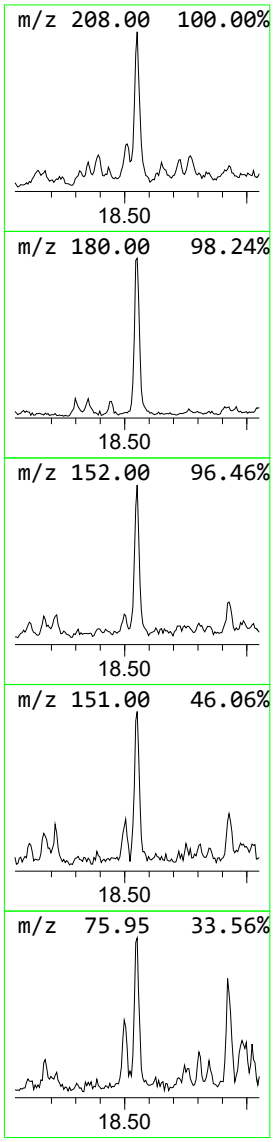
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	2.46 ng	165811	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Sample : Q2084-01
Misc :
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ClientSampleId :
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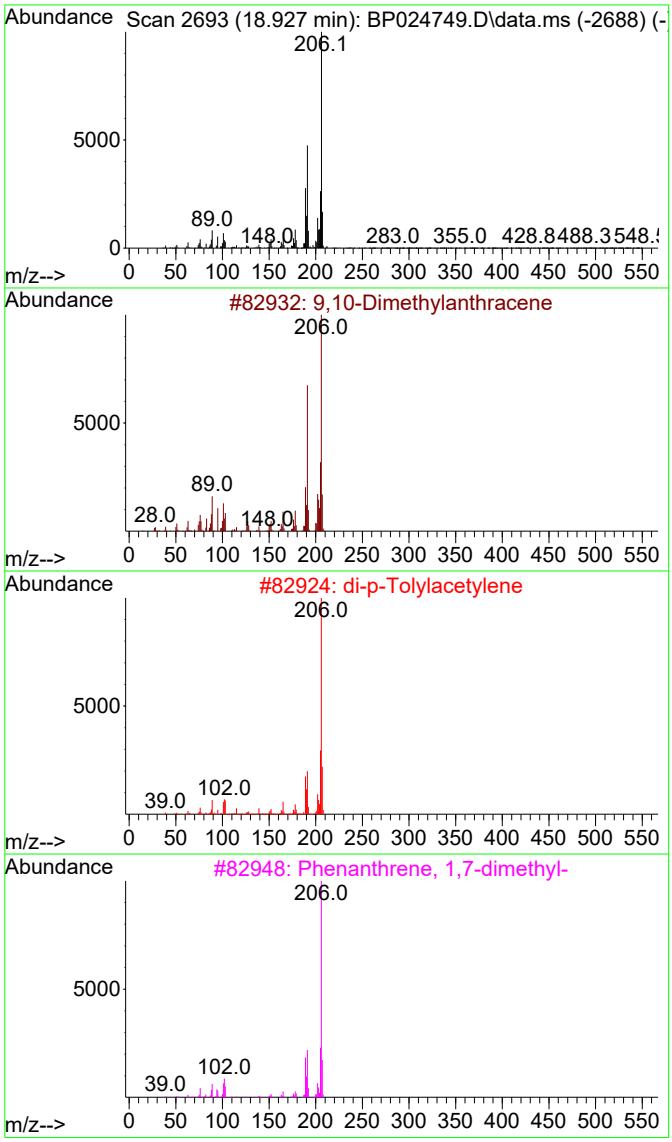
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

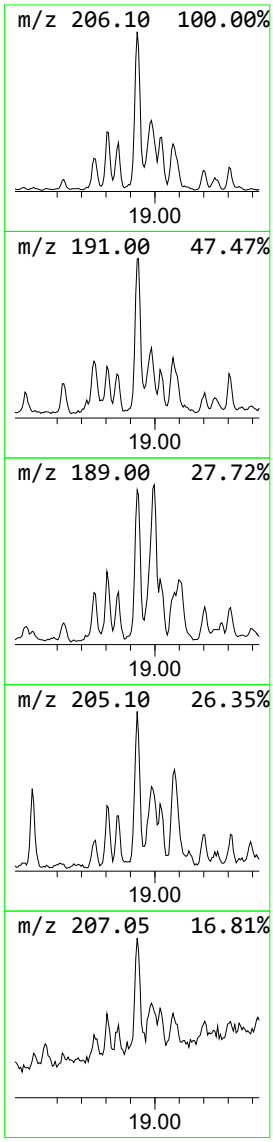
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.927	6.16 ng	415191	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Sample : Q2084-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

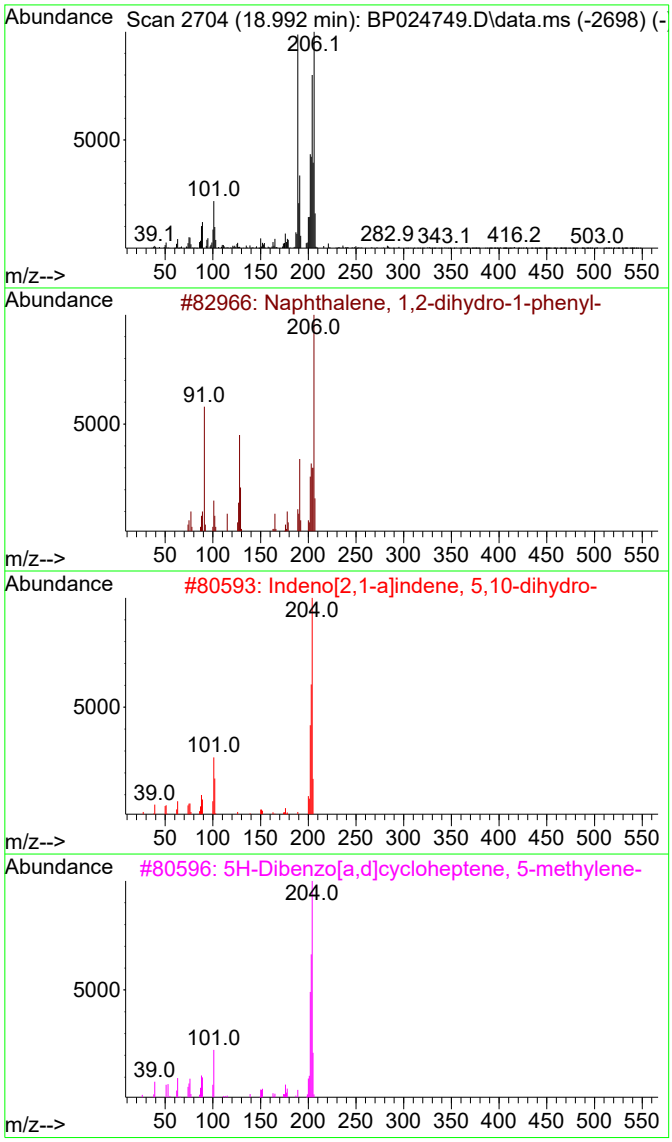
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

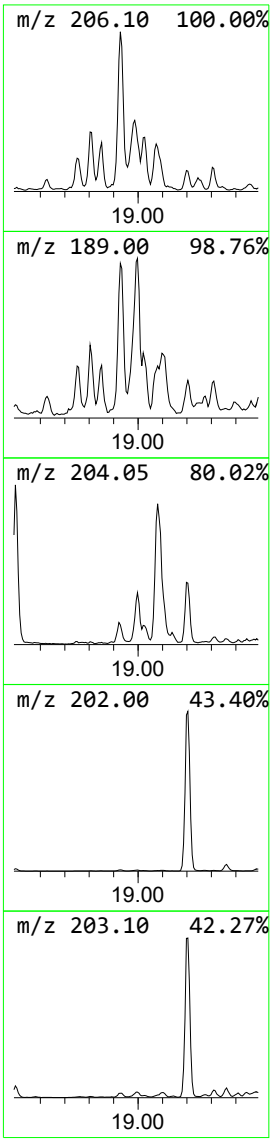
****

Peak Number 11 unknown18.992 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	4.48 ng	301777	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38





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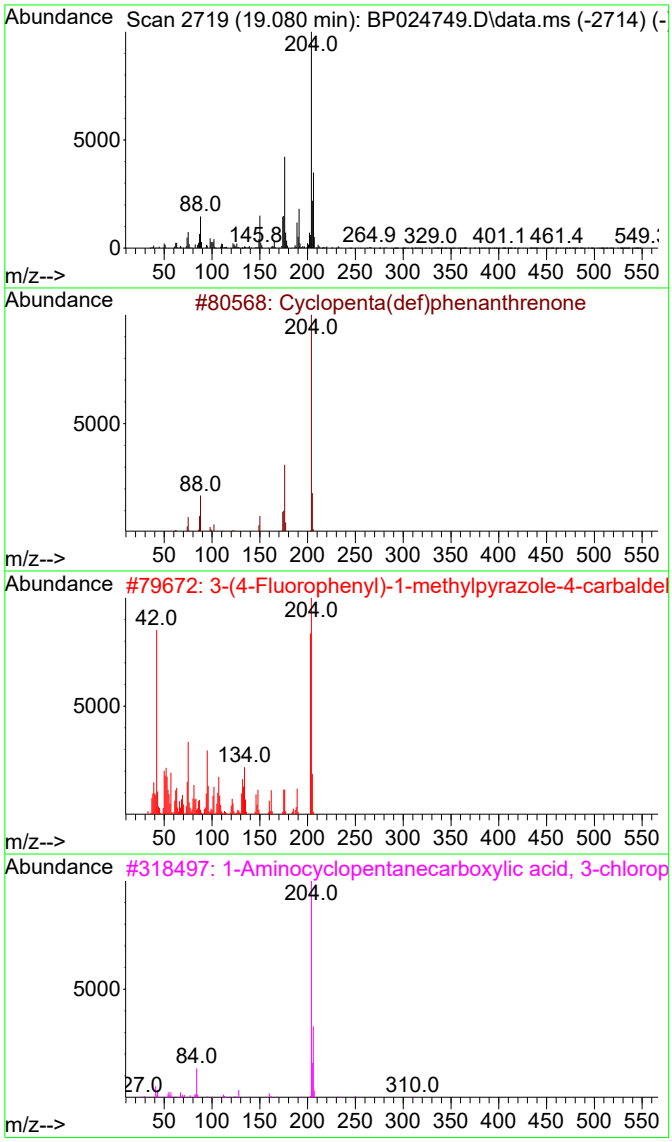
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

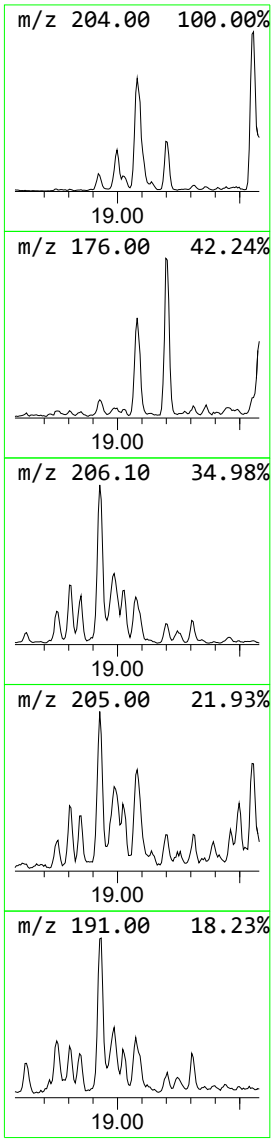
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	5.85 ng	394107	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43
3	1-Aminocyclopentanecarboxylic ac...	431	C23H42ClNO4	1000392-63-0	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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

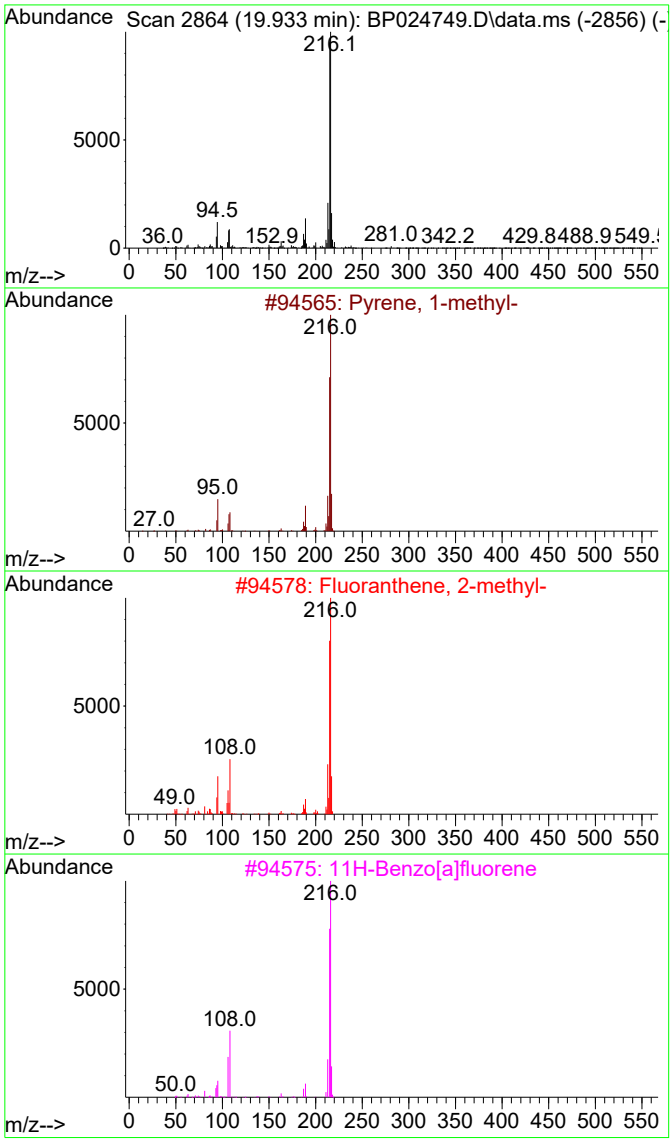
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

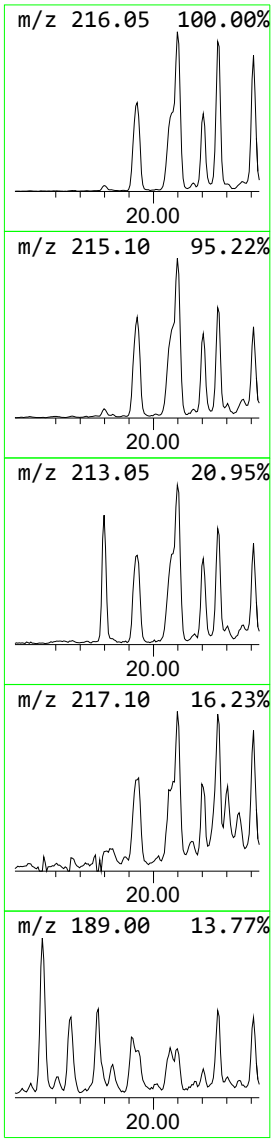
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.933	2.44 ng	660078	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

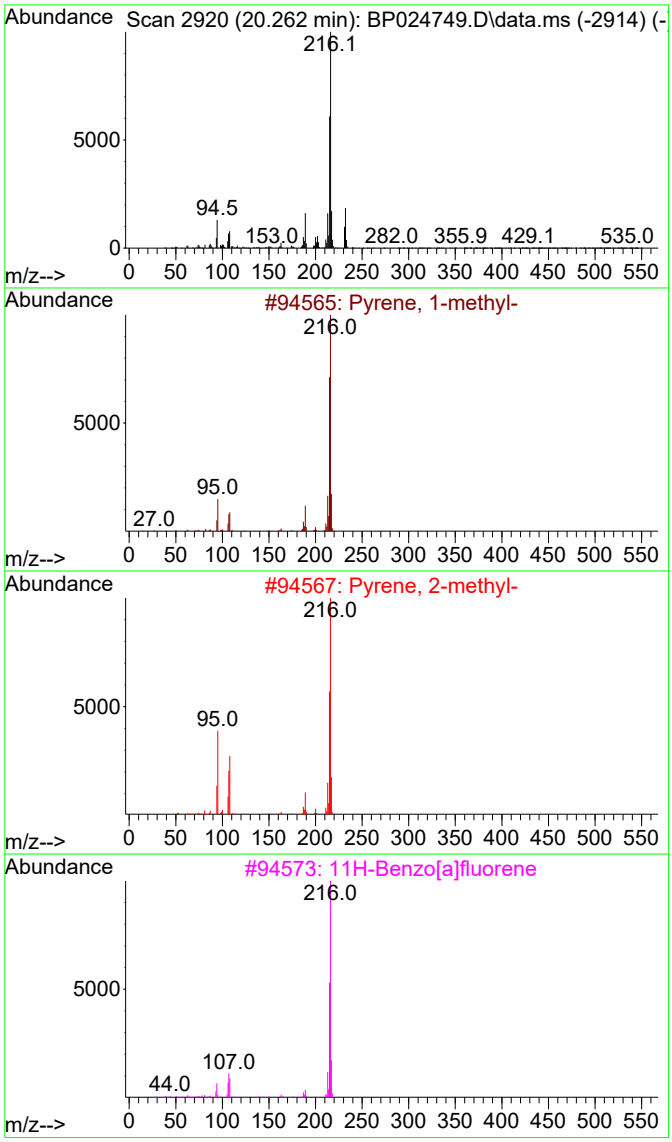
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

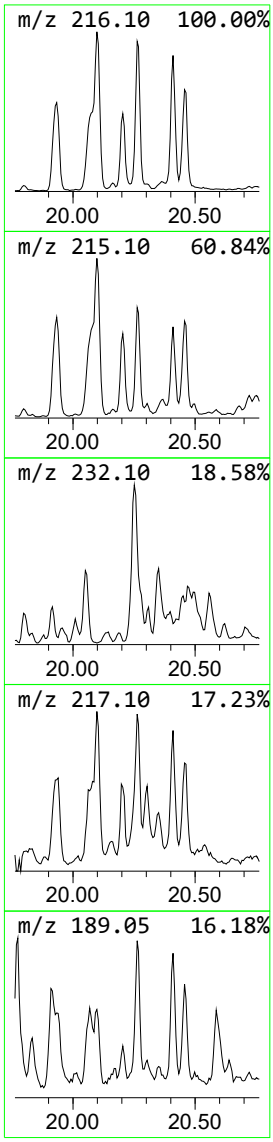
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.262	2.40 ng	646751	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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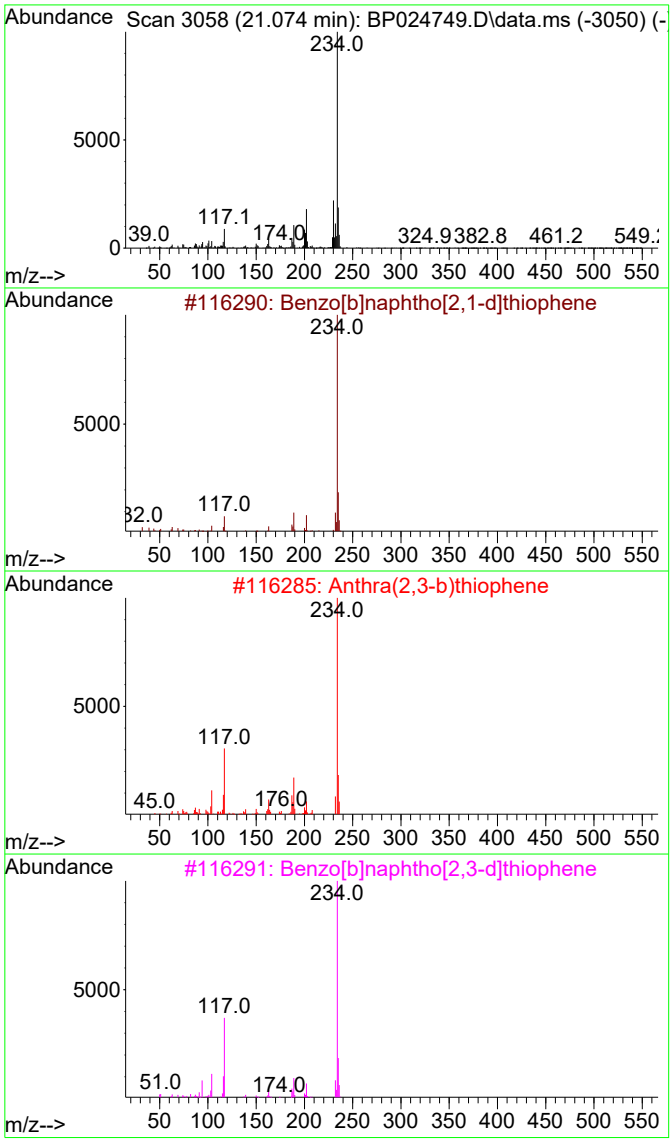
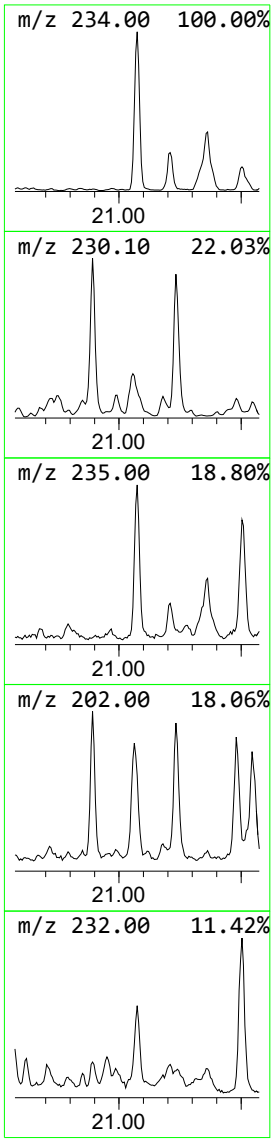
****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	2.47 ng	666212	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50





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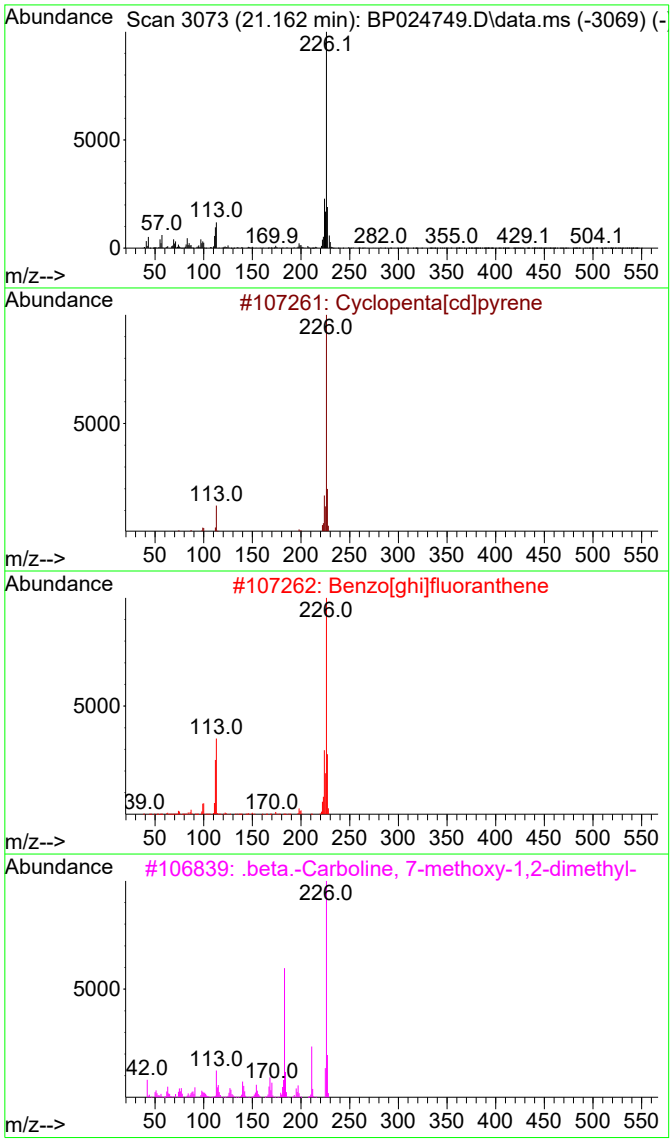
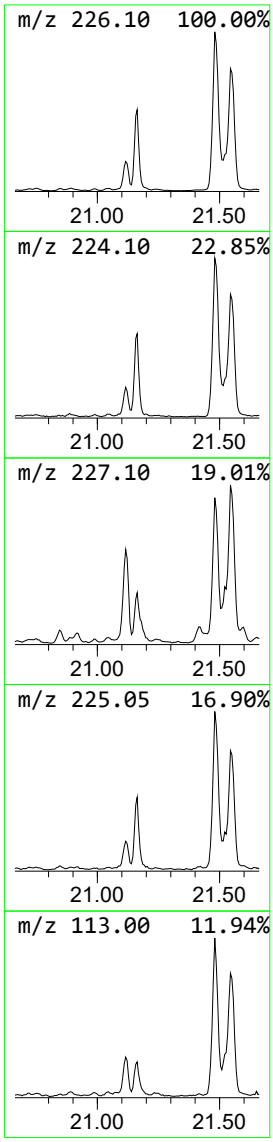
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	2.98 ng	803337	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	50
5	Tetraheptylammonium iodide	537	C28H60IN	003535-83-9	47





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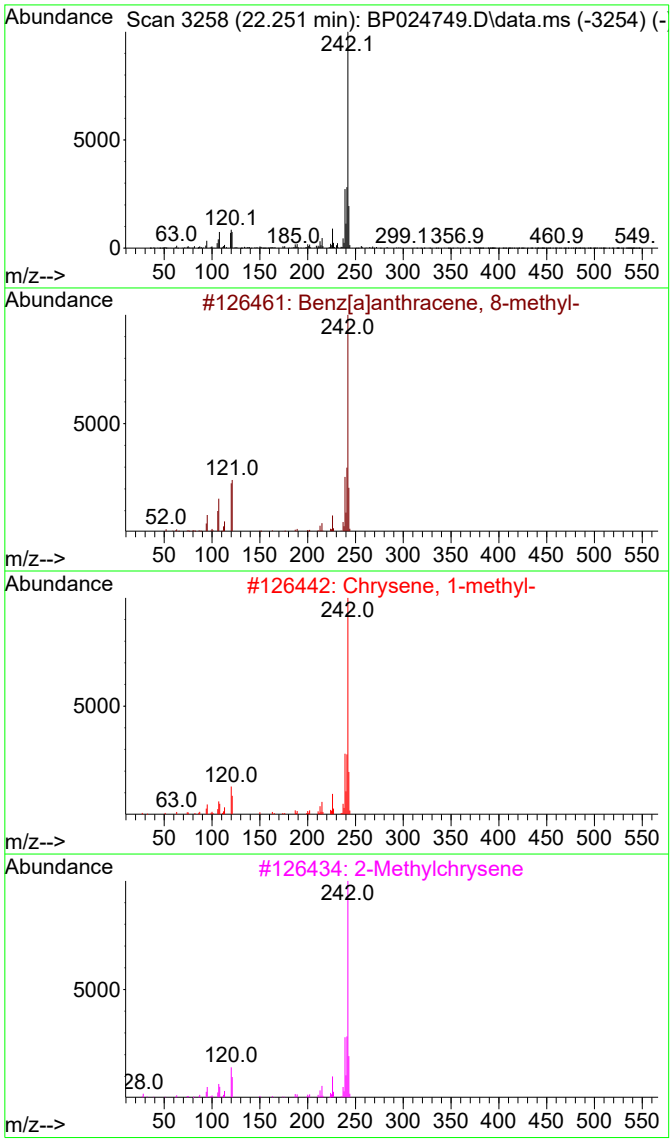
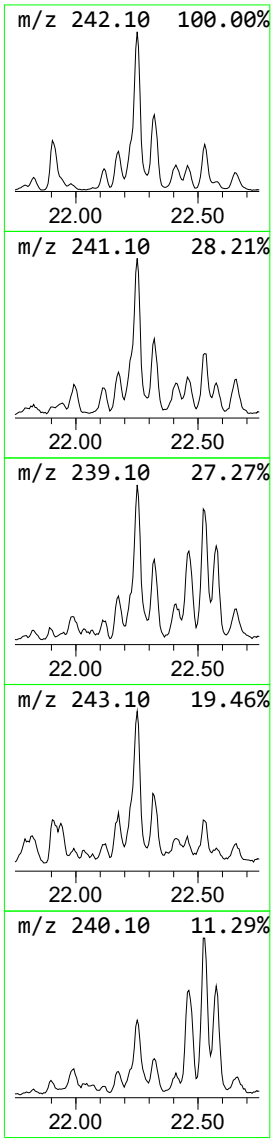
Peak Number 17 Benz[a]anthracene, 8-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.251	2.60 ng	700926	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	2-Methylchrysene	242	C19H14	003351-32-4	95
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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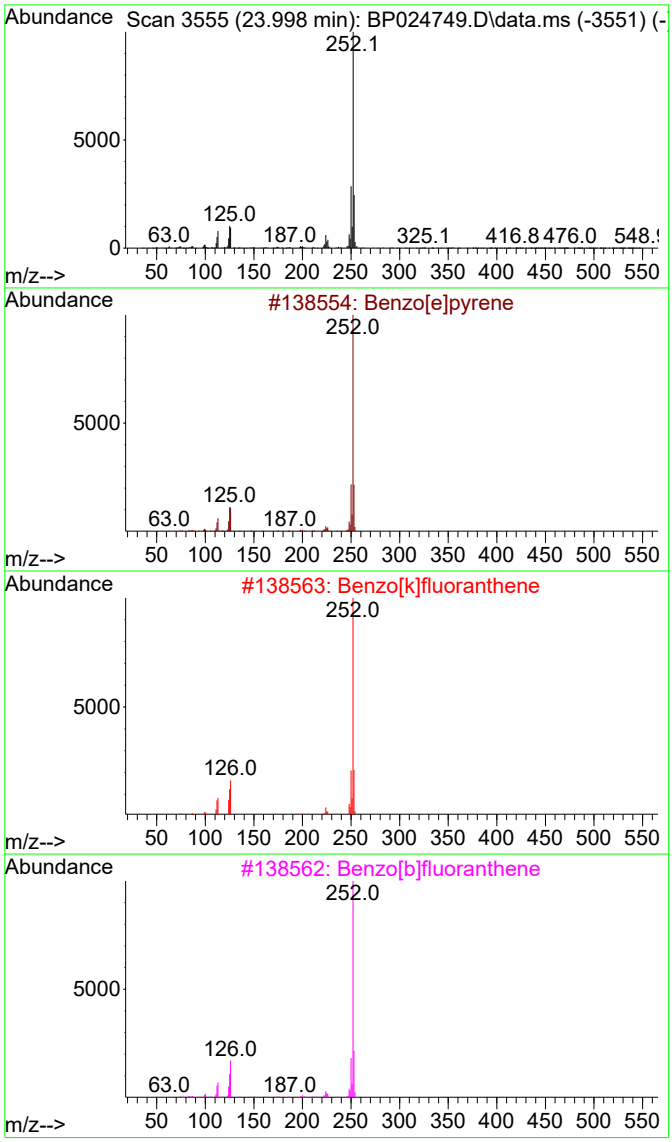
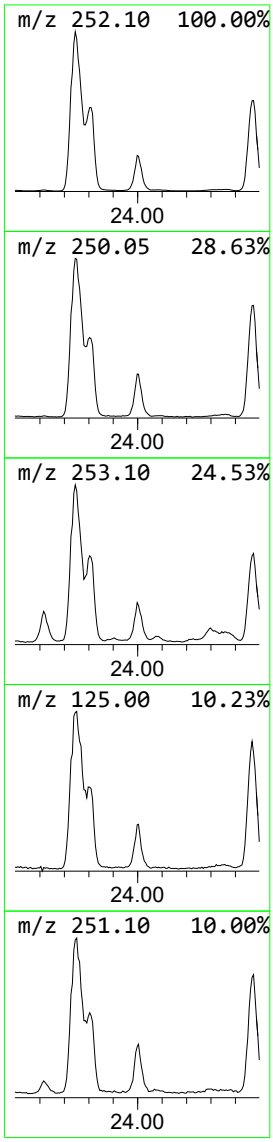
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.998	5.48 ng	605828	Perylene-d12	24.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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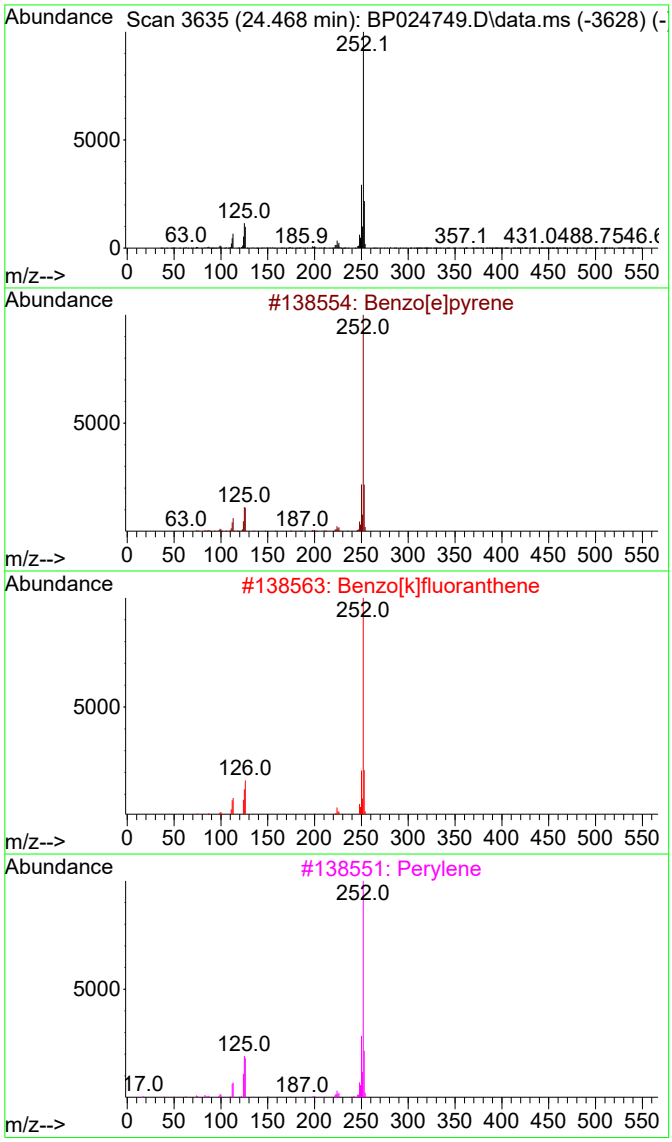
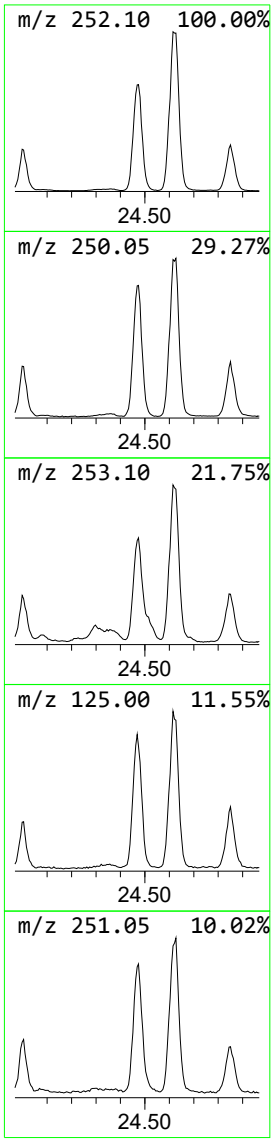
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.468	19.65 ng	2171850	Perylene-d12	24.774

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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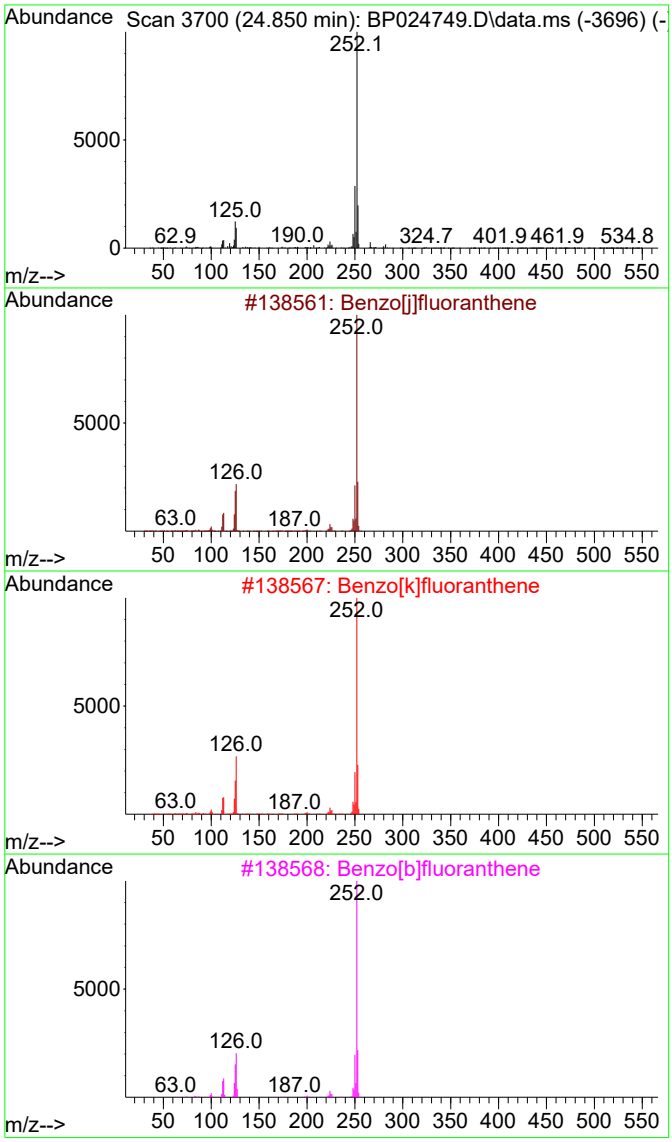
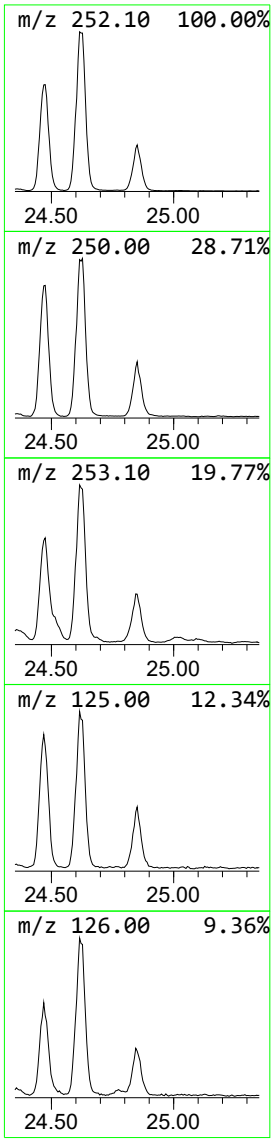
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.851	5.31 ng	587105	Perylene-d12	24.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[e]pyrene	252	C20H12	000192-97-2	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024749.D
Acq On : 21 May 2025 22:59
Operator : RC/JU
Sample : Q2084-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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-...	4.822	4.7	ng	142233	1	7.657	602134	20.0
Benzophenone	15.669	8.8	ng	485634	3	14.286	1107490	20.0
Anthracene, 1-m...	17.974	5.4	ng	364817	4	17.074	1347250	20.0
Phenanthrene, 1...	18.027	10.1	ng	676747	4	17.074	1347250	20.0
Anthracene, 2-m...	18.110	2.9	ng	193879	4	17.074	1347250	20.0
Benzaldehyde, 3...	18.174	10.8	ng	726634	4	17.074	1347250	20.0
1H-Cyclopropa[l...	18.215	4.4	ng	296760	4	17.074	1347250	20.0
5,16[1',2']:8,1...	18.498	3.7	ng	248846	4	17.074	1347250	20.0
9,10-Anthracene...	18.551	2.5	ng	165811	4	17.074	1347250	20.0
9,10-Dimethylan...	18.927	6.2	ng	415191	4	17.074	1347250	20.0
unknown18.992	18.992	4.5	ng	301777	4	17.074	1347250	20.0
Cyclopenta(def)...	19.080	5.8	ng	394107	4	17.074	1347250	20.0
Pyrene, 1-methyl-	19.933	2.4	ng	660078	5	21.504	5399890	20.0
Pyrene, 2-methyl-	20.262	2.4	ng	646751	5	21.504	5399890	20.0
Benzo[b]naphtho...	21.074	2.5	ng	666212	5	21.504	5399890	20.0
Cyclopenta[cd]p...	21.163	3.0	ng	803337	5	21.504	5399890	20.0
Benz[a]anthrace...	22.251	2.6	ng	700926	5	21.504	5399890	20.0
Benzo[e]pyrene	23.998	5.5	ng	605828	6	24.774	2211050	20.0
Perylene	24.468	19.6	ng	2171850	6	24.774	2211050	20.0
Benzo[j]fluoran...	24.851	5.3	ng	587105	6	24.774	2211050	20.0