LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006065.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	402	408	413	rBV	489246	710093	2.87%	0.285%
2	7.093	676	681	685	rBV	399131	637872	2.58%	0.256%
3	7.146	685	690	705	rVB2	245167	599967	2.43%	0.241%
4	7.911	812	820	832	rBV	280854	494974	2.00%	0.199%
5	8.281	875	883	891	rBV	382590	605936	2.45%	0.244%
6	8.446	905	911	919	rVB	434264	731750	2.96%	0.294%
7	8.893	976	987	989	rBV	783459	1391755	5.63%	0.559%
8	9.081	1013	1019	1025	rBV2	287823	552659	2.24%	0.222%
9	10.110	1188	1194	1204	rBV3	268669	742319	3.00%	0.298%
10	10.234	1206	1215	1224	rVB3	181671	569376	2.30%	0.229%
11	10.716	1286	1297	1300	rVV3	323534	839217	3.40%	0.337%
12	10.787	1300	1309	1315	rVV	10206865	20432717	82.68%	8.212%
13	10.887	1319	1326	1336	rBV	514049	928389	3.76%	0.373%
14	12.381	1569	1580	1586	rBV	6628778	11125010	45.02%	4.471%
15	12.599	1606	1617	1625	rVB	4130089	6547556	26.49%	2.631%
16	12.963	1672	1679	1686	rBV	682967	1034640	4.19%	0.416%
17	13.169	1708	1714	1720	rVB	656647	961498	3.89%	0.386%
18	13.381	1743	1750	1756	rBV	2044909	3050182	12.34%	1.226%
19	13.575	1778	1783	1796	rVB	874926	1648389	6.67%	0.662%
20	13.710	1797	1806	1807	rBV	1438552	2197812	8.89%	0.883%
21	13.869	1825	1833	1838	rBV	2092664	3913093	15.83%	1.573%
22	13.922	1838	1842	1852	rVB	1503407	2225676	9.01%	0.895%
23	14.098	1863	1872	1876	rBV2	972651	1657550	6.71%	0.666%
24	14.263	1895	1900	1906	rVB	964315	1339728	5.42%	0.538%
25	14.516	1937	1943	1946	rBV	914231	1470021	5.95%	0.591%
26	14.540	1946	1947	1953	rVV2	591848	647444	2.62%	0.260%
27	14.616	1953	1960	1966	rVB	5911108	9616654	38.91%	3.865%
28	14.751	1977	1983	1992	rBV	421374	1051632	4.26%	0.423%
29	14.846	1992	1999	2004	rBV3	548259	933874	3.78%	0.375%
30	14.946	2009	2016	2022	rVB	4967556	7555701	30.57%	3.037%
31	15.016	2022	2028	2032	rBV	552281	759958	3.08%	0.305%
32	15.157	2044	2052	2057	rBV2	470507	913555	3.70%	0.367%
33	15.210	2057	2061	2066	rVB	491447	685980	2.78%	0.276%
34	15.328	2073	2081	2084	rBV	377354	803343	3.25%	0.323%
35	15.598	2119	2127	2136	rVB	6202315	9947966	40.25%	3.998%
36	15.681	2136	2141	2144	rVV	339653	570796	2.31%	0.229%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.710	2144	2146	2149	rVV	550525	705694	2.86%	0.284%
38	15.751	2149	2153	2156	rVV2	922844	1394834	5.64%	0.561%
39	15.793	2156	2160	2164	rVV2	867219	1329175	5.38%	0.534%
40	15.834	2164	2167	2171	rVV	447689	716161	2.90%	0.288%
41	15.881	2171	2175	2183	rVB	1170590	1709288	6.92%	0.687%
42	16.034	2191	2201	2208	rBV3	1690940	3296016	13.34%	1.325%
43	16.245	2232	2237	2239	rBV3	338764	515121	2.08%	0.207%
44	16.381	2252	2260	2267	rBV3	505455	914840	3.70%	0.368%
45	16.592	2290	2296	2300	rVV2	818261	1484346	6.01%	0.597%
46	16.640	2300	2304	2310	rVB2	369612	545443	2.21%	0.219%
47	16.740	2317	2321	2326	rVB	427908	657675	2.66%	0.264%
48	17.040	2363	2372	2377	rBV3	590083	1242808	5.03%	0.499%
49	17.110	2378	2384	2390	rVB	1304465	1998259	8.09%	0.803%
50	17.292	2410	2415	2417	rBV	613058	932605	3.77%	0.375%
51	17.351	2417	2425	2430	rVV	13111024	24712774	100.00%	9.932%
52	17.434	2430	2439	2443	rVV	5748062	8214915	33.24%	3.302%
53	17.487	2443	2448	2452	rVB	447117	724695	2.93%	0.291%
54	17.698	2477	2484	2494	rBV	2027372	3386090	13.70%	1.361%
55	17.869	2509	2513	2522	rVB3	325072	668518	2.71%	0.269%
56	18.010	2532	2537	2545	rBV2	217995	578629	2.34%	0.233%
57	18.157	2552	2562	2566	rBV	1646961	2637936	10.67%	1.060%
58	18.204	2566	2570	2574	rVV	2298808	3046491	12.33%	1.224%
59	18.251	2574	2578	2580	rVV	336790	459297	1.86%	0.185%
60	18.281	2580	2583	2587	rVV	908649	1257830	5.09%	0.506%
61	18.345	2589	2594	2598	rVV3	2418590	4248300	17.19%	1.707%
62	18.381	2598	2600	2604	rVV2	954599	1064252	4.31%	0.428%
63	18.445	2608	2611	2615	rVV2	392828	497786	2.01%	0.200%
64	18.634	2631	2643	2648	rBV	1089770	2118358	8.57%	0.851%
65	18.728	2656	2659	2665	rVV2	579022	787186	3.19%	0.316%
66	18.792	2665	2670	2674	rVB	596669	819409	3.32%	0.329%
67	18.875	2681	2684	2689	rVB3	331901	573479	2.32%	0.230%
68	18.957	2695	2698	2703	rVB	866588	1104237	4.47%	0.444%
69	19.039	2704	2712	2717	rBV2	797972	1912914	7.74%	0.769%
70	19.134	2725	2728	2731	rVB3	504719	610600	2.47%	0.245%
71	19.192	2732	2738	2742	rBV3	282419	660923	2.67%	0.266%
72	19.304	2749	2757	2762	rVB	8685264	12975147	52.50%	5.215%
73	19.622	2806	2811	2812	rBV	1795663	2397024	9.70%	0.963%
74	19.657	2812	2817	2823	rVV	6901991	10521354	42.57%	4.229%
75	19.716	2823	2827	2833	rVB2	583818	954639	3.86%	0.384%
76	19.833	2842	2847	2851	rVB2	1258017	1886931	7.64%	0.758%

LSC Area Percent Report

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Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.886	2851	2856	2861	rVB	296303	468513	1.90%	0.188%
78	19.951	2863	2867	2869	rBV2	447997	685751	2.77%	0.276%
79	20.092	2886	2891	2892	rBV3	391799	577847	2.34%	0.232%
80	20.128	2893	2897	2901	rVB	1754409	2394276	9.69%	0.962%
81	20.222	2909	2913	2917	rBV	1404155	1835232	7.43%	0.738%
82	20.281	2918	2923	2927	rVV2	696433	1123392	4.55%	0.451%
83	20.416	2943	2946	2950	rBV	447459	554402	2.24%	0.223%
84	20.463	2950	2954	2957	rVV	454125	561520	2.27%	0.226%
85	21.016	3045	3048	3051	rBV	421013	481641	1.95%	0.194%
86	21.057	3051	3055	3058	rVV2	658988	899606	3.64%	0.362%
87	21.098	3058	3062	3066	rVB2	339732	481273	1.95%	0.193%
88	21.351	3100	3105	3110	rBV3	3230593	5424084	21.95%	2.180%
89	21.404	3110	3114	3123	rVB	2841159	4056286	16.41%	1.630%
90	21.686	3159	3162	3168	rVB3	334686	514651	2.08%	0.207%
91	21.910	3195	3200	3211	rVB2	2901345	5045260	20.42%	2.028%
92	22.139	3235	3239	3244	rVB2	1868597	2512690	10.17%	1.010%
93	23.045	3384	3393	3398	rBV	1475072	4185606	16.94%	1.682%
94	23.145	3405	3410	3418	rVB2	706435	1395672	5.65%	0.561%
95	23.222	3420	3423	3429	rVB	319896	499909	2.02%	0.201%
96	23.310	3433	3438	3444	rVB2	437716	903192	3.65%	0.363%
97	23.463	3458	3464	3473	rVB	1348574	2650561	10.73%	1.065%
98	23.563	3476	3481	3489	rVB	933416	1844546	7.46%	0.741%
99	23.669	3493	3499	3506	rVB	1453428	2850684	11.54%	1.146%
100	23.774	3513	3517	3521	rVB2	470649	711871	2.88%	0.286%

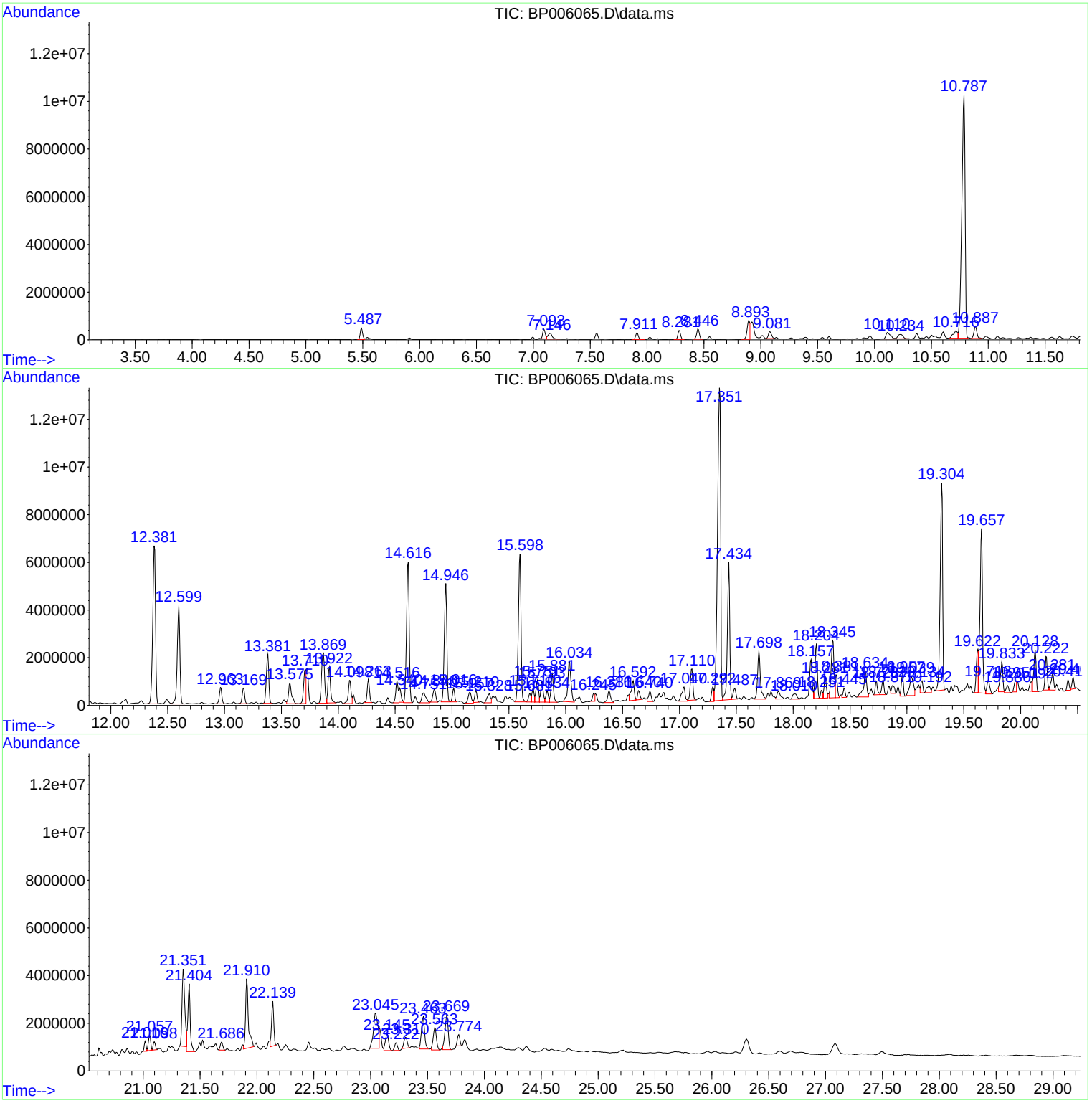
Sum of corrected areas: 248815526

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
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Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

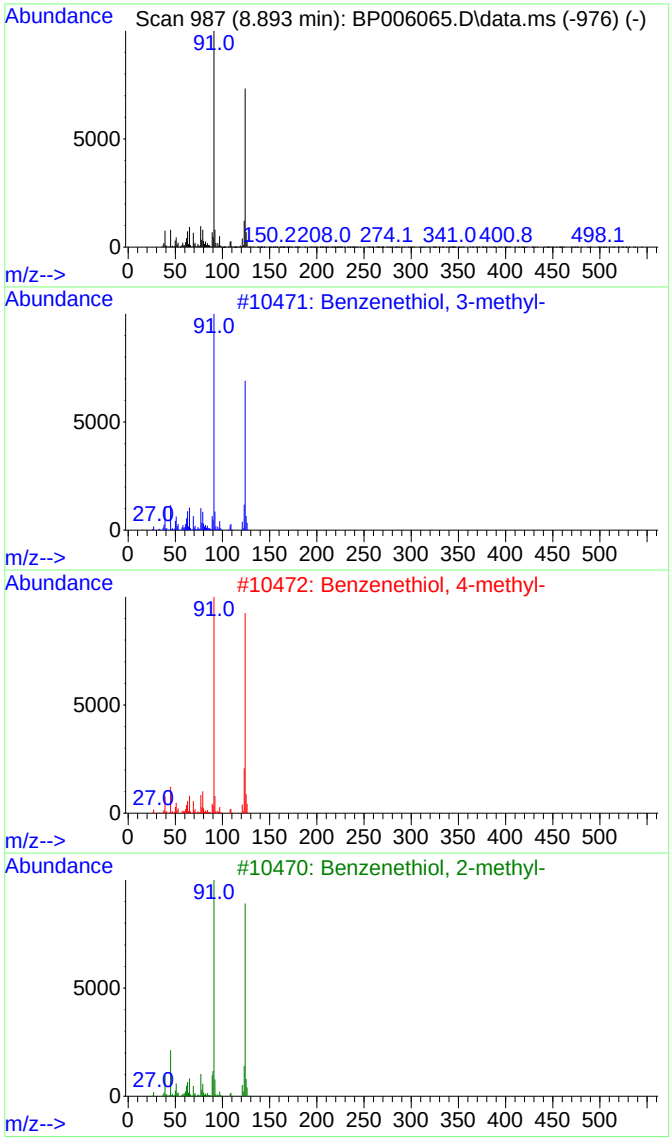
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

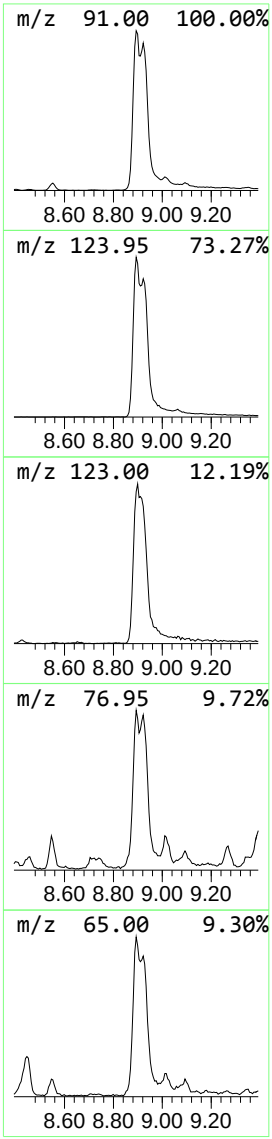
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzenethiol, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.893	56.24 ng	1391760	1,4-Dichlorobenzene-d4	7.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenethiol, 3-methyl-	124	C7H8S	000108-40-7	94
2	Benzenethiol, 4-methyl-	124	C7H8S	000106-45-6	90
3	Benzenethiol, 2-methyl-	124	C7H8S	000137-06-4	90
4	Benzenemethanethiol	124	C7H8S	000100-53-8	81
5	Phenol, 2,6-diamino-	124	C6H8N2O	022440-82-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

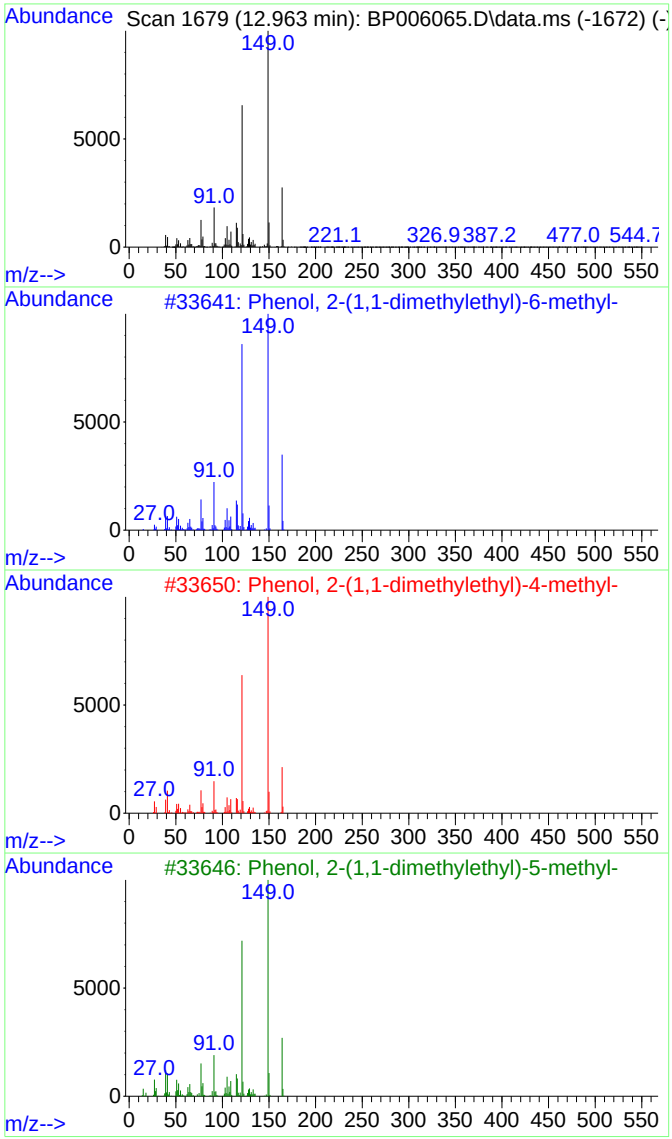
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

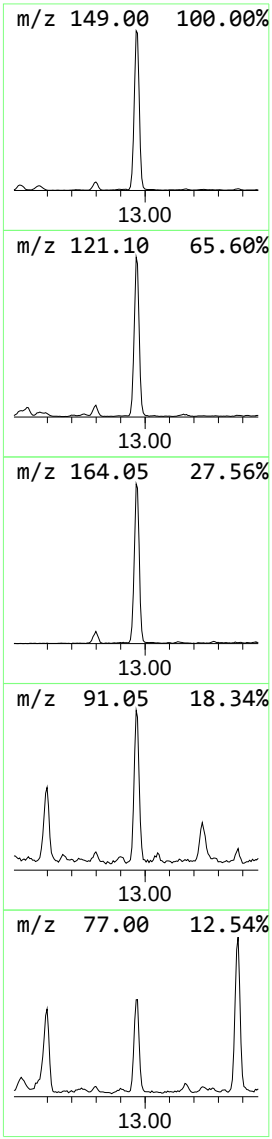
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2-(1,1-dimethylethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	31.96 ng	1034640	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	96
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	96
3	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	96
4	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	87
5	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
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Instrument :
BNA_P
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293-347

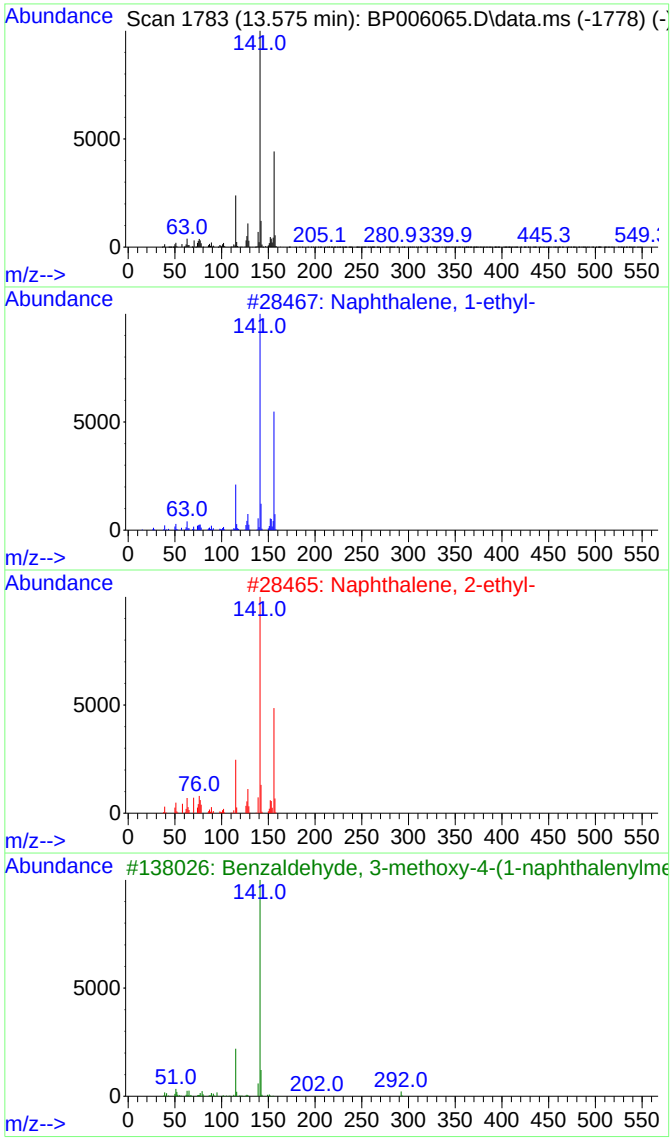
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

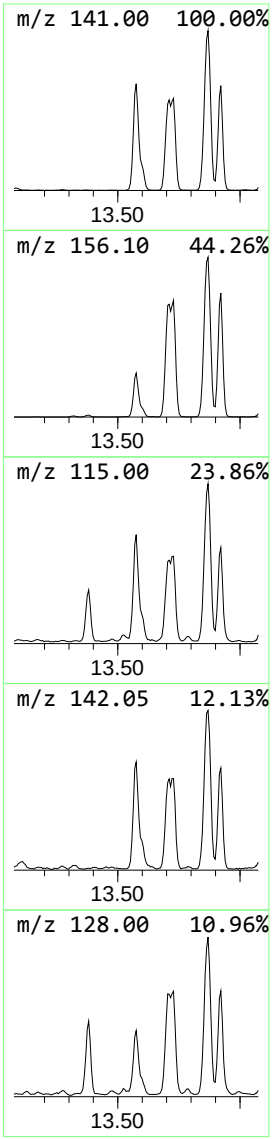
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	50.92 ng	1648390	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	47
4	1-Ethanone, 1-[4-(1-naphthalenyl...	276	C19H16O2	1000338-30-5	47
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

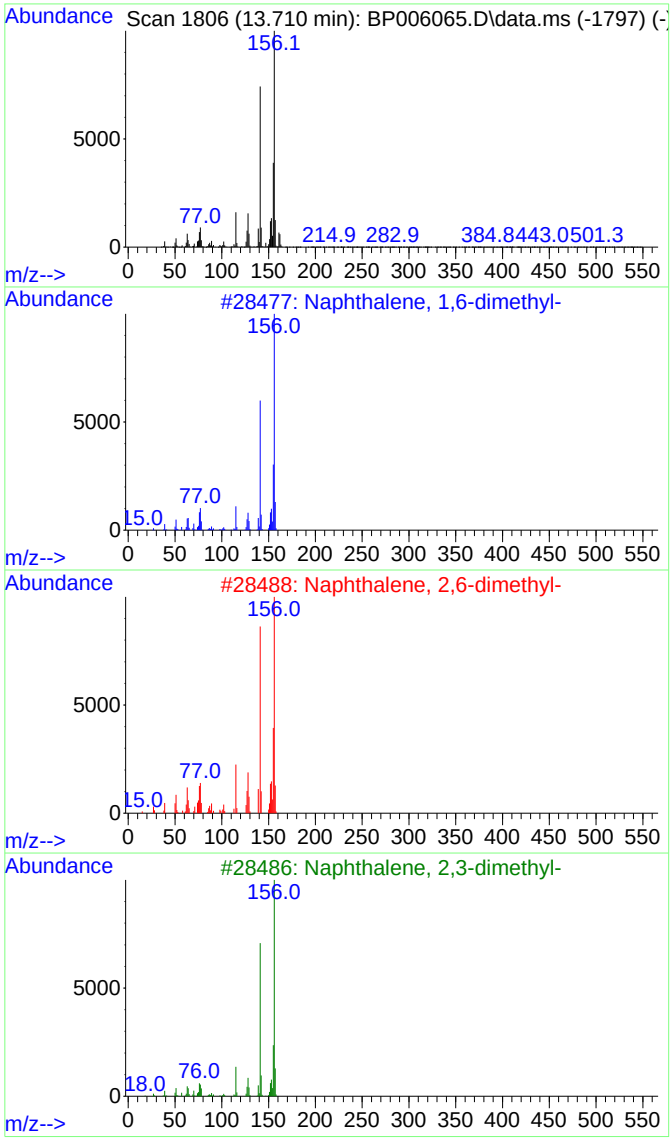
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

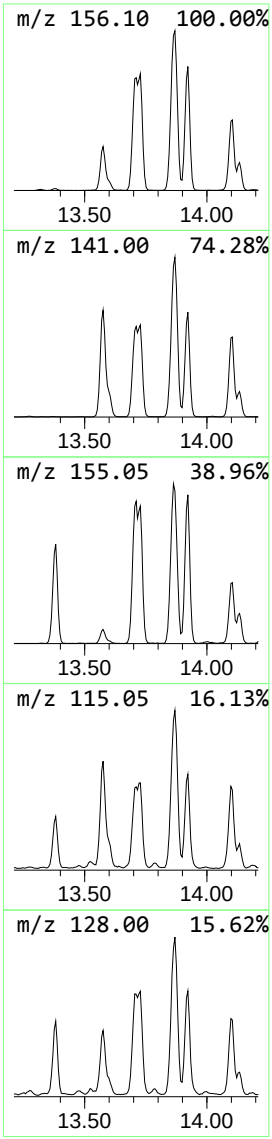
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	67.89 ng	2197810	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

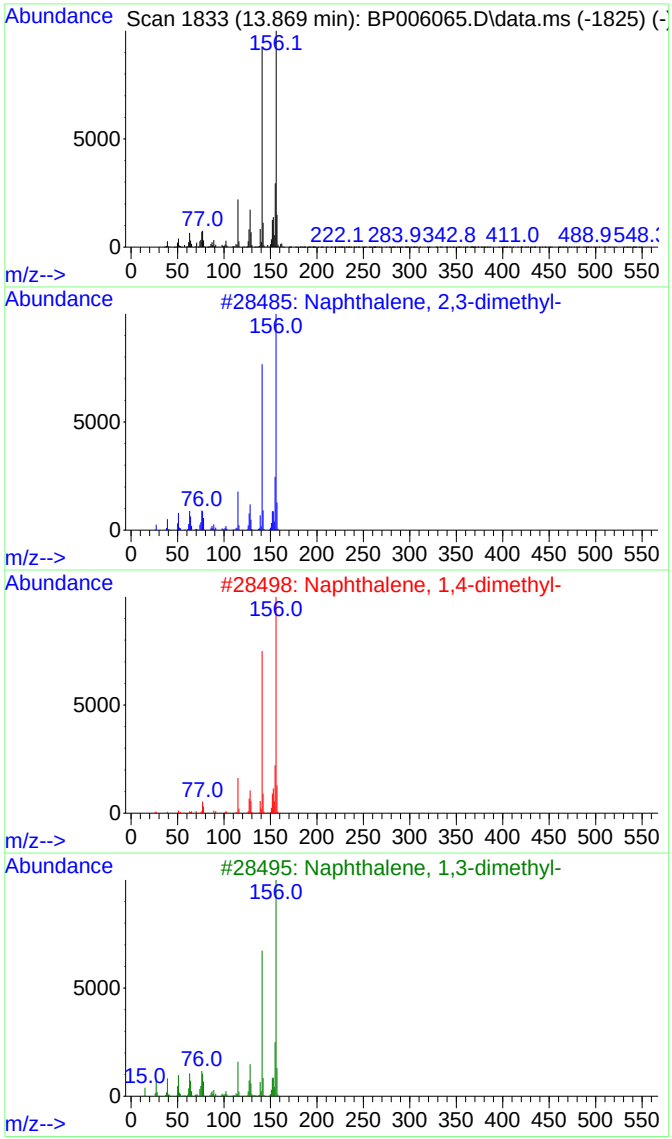
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

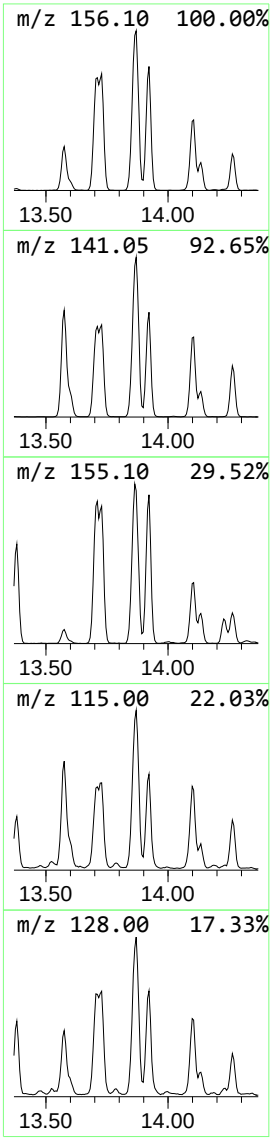
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	120.88 ng	3913090	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

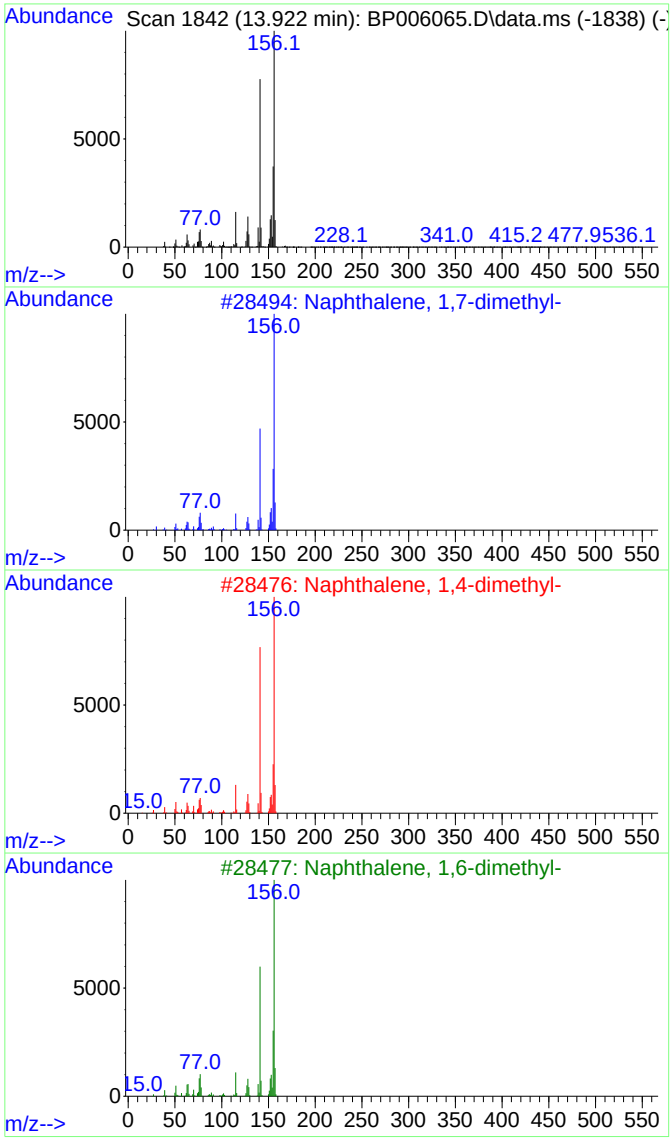
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

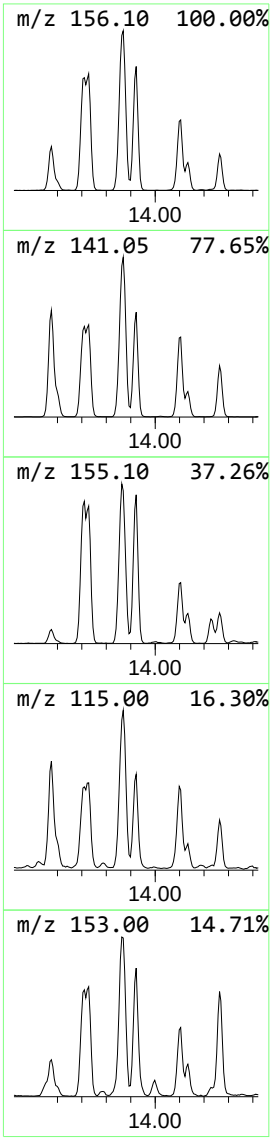
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	68.75 ng	2225680	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

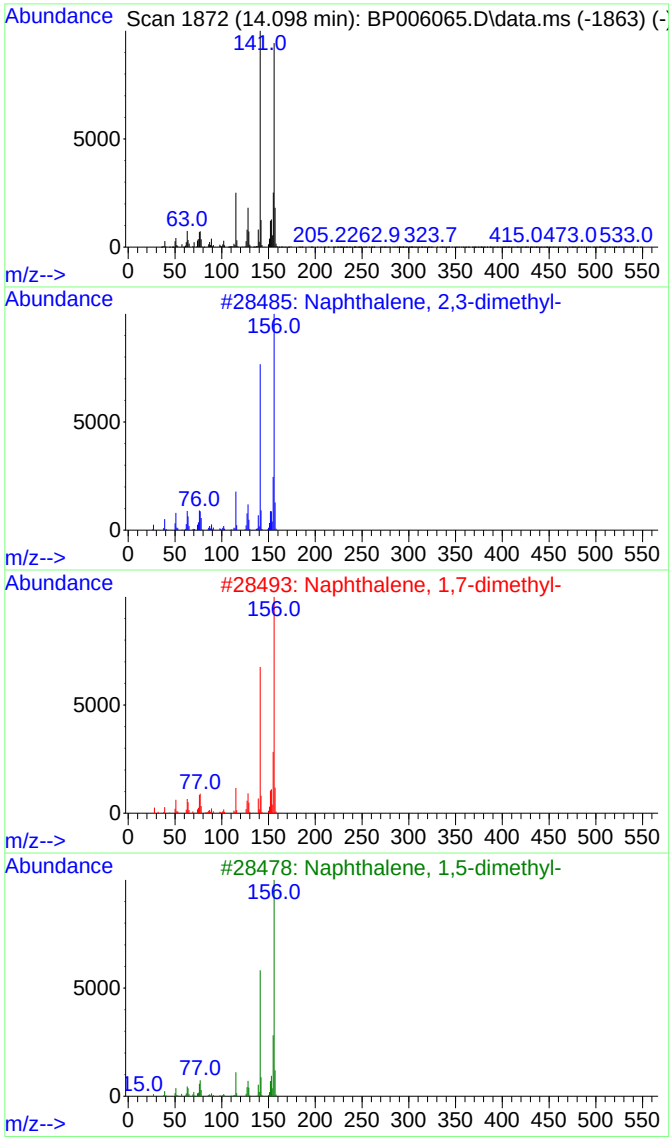
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

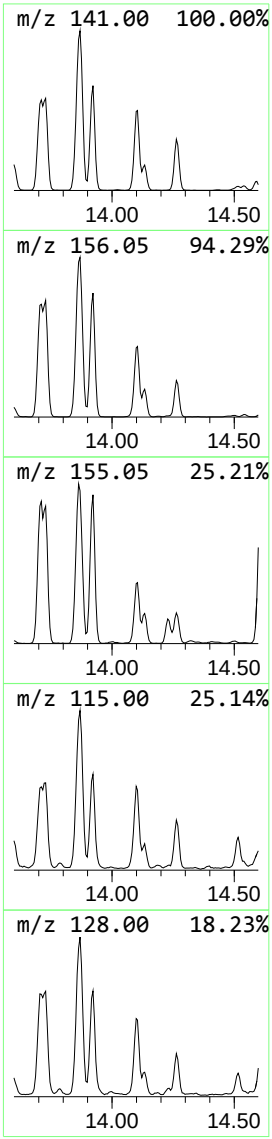
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.099	51.20 ng	1657550	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

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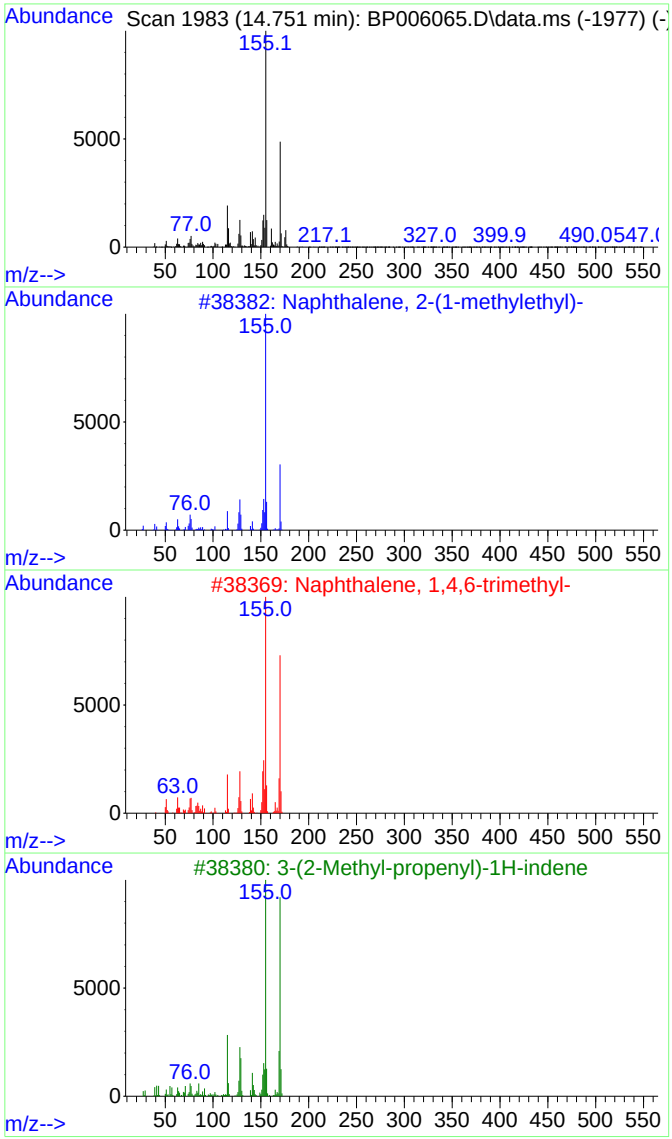
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

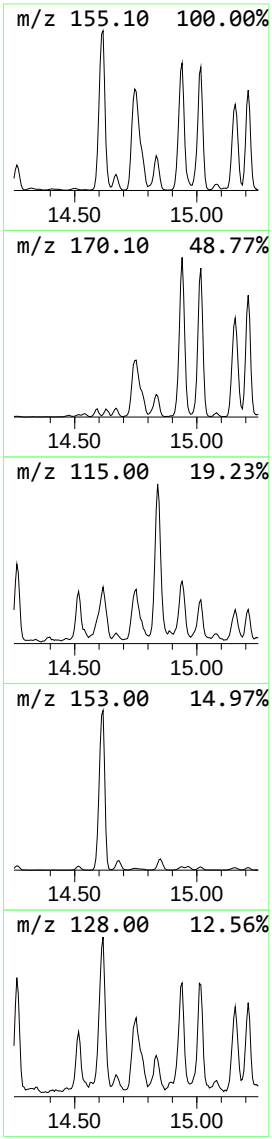
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	32.49 ng	1051630	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

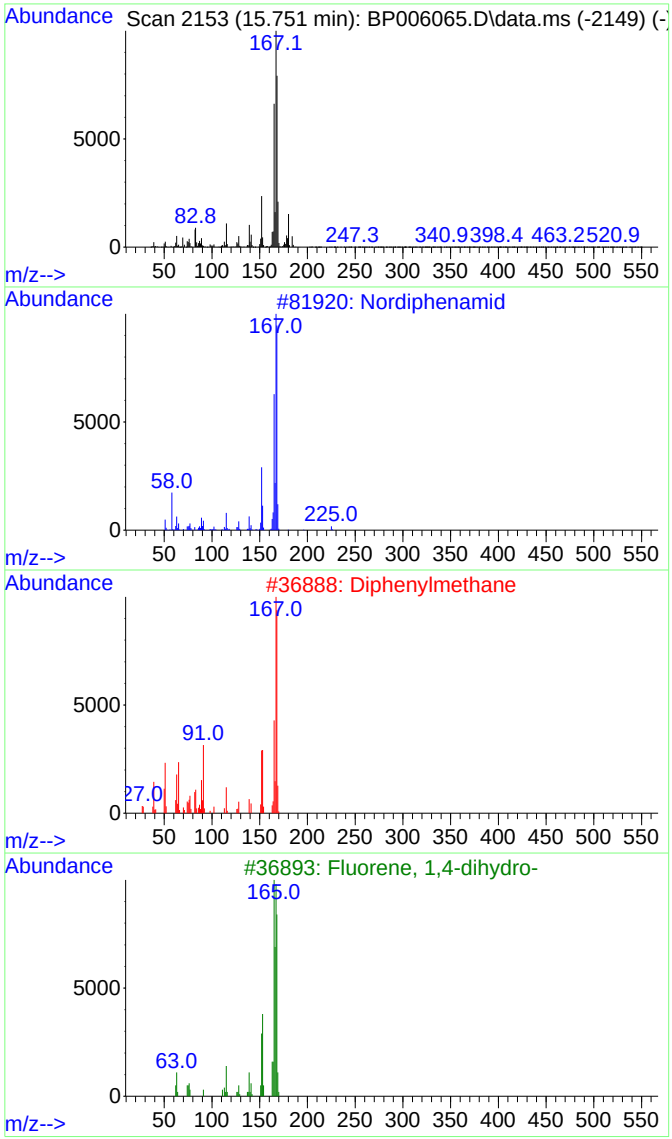
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

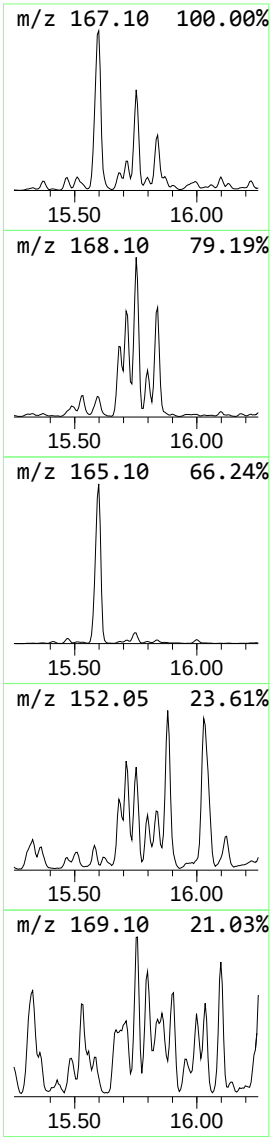
****

Peak Number 9 Nordiphenamid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	43.09 ng	1394830	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	80
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	58
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50





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Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
293-347

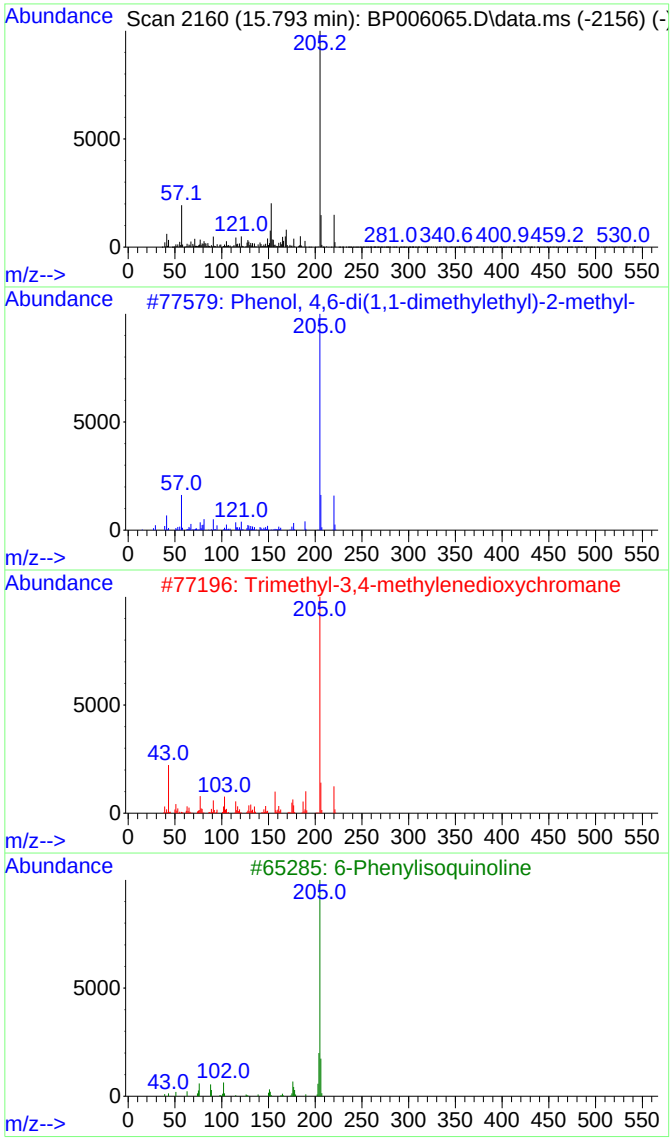
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

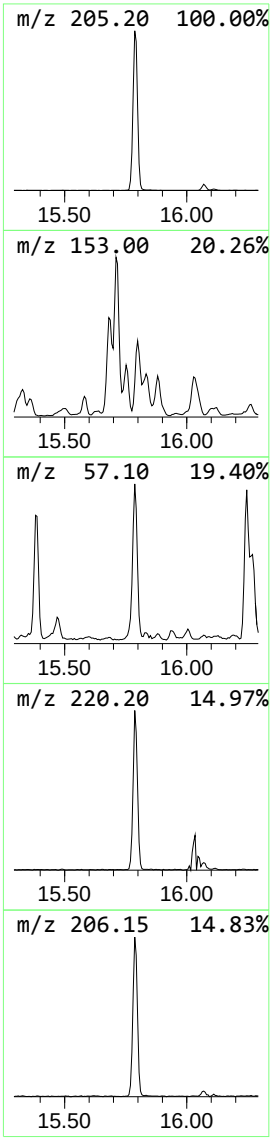
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 4,6-di(1,1-dimethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.793	41.06 ng	1329180	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	86
2	Trimethyl-3,4-methylenedioxychro...	220	C13H16O3	1000378-97-7	53
3	6-Phenylisoquinoline	205	C15H11N	070125-61-0	49
4	2-Amino-4-hydroxy-6,7,8-trimethy...	205	C9H11N5O	013045-86-8	47
5	Terephthalic acid, butyl 3,4-dic...	366	C18H16Cl2O4	1000323-68-8	47





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Sample : M2812-04
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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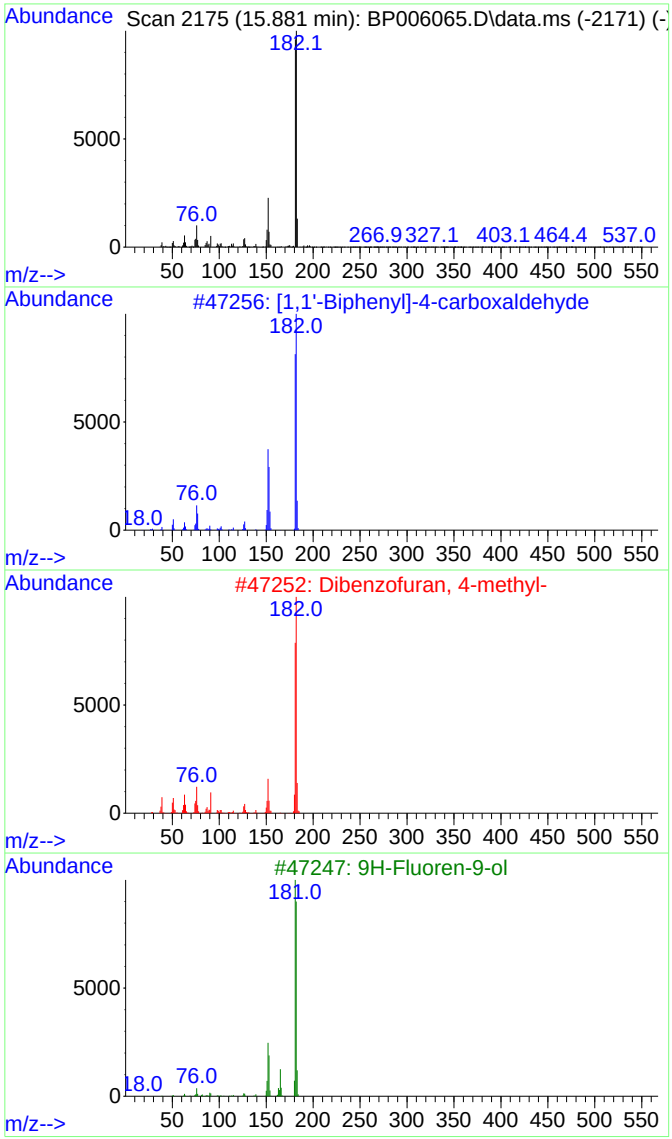
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

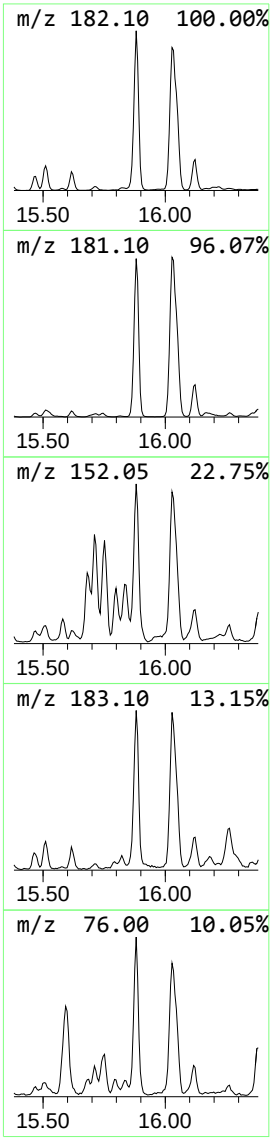
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.881	52.80 ng	1709290	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





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Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

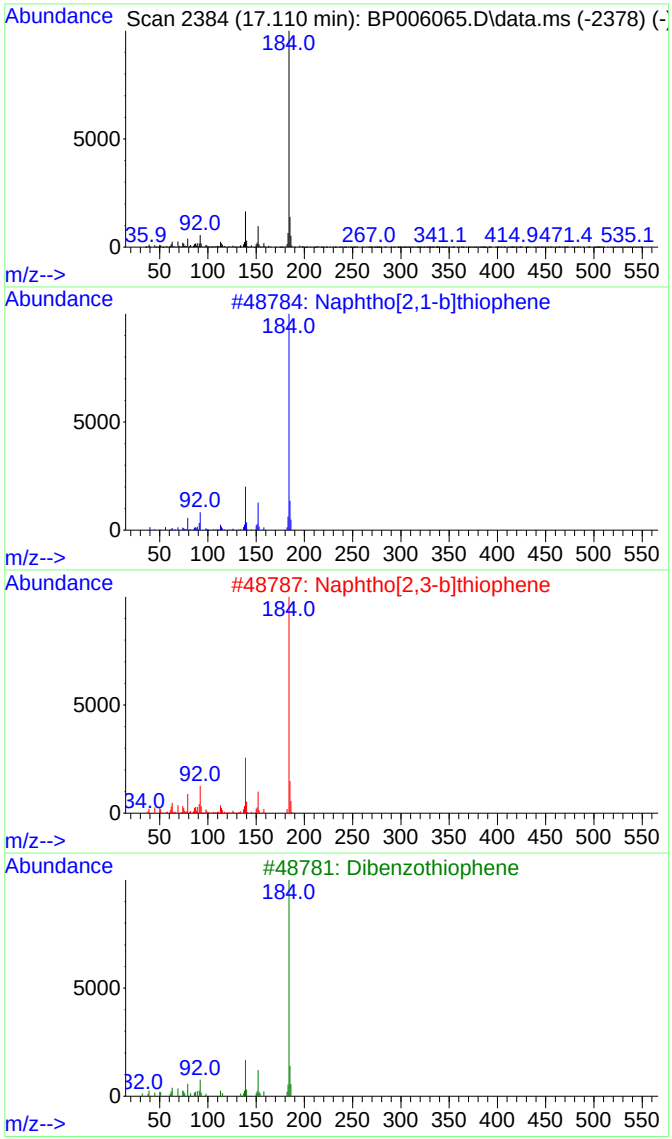
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

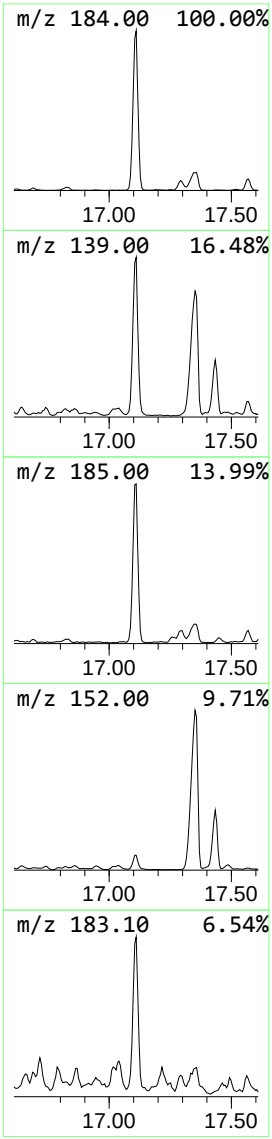
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	42.85 ng	1998260	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

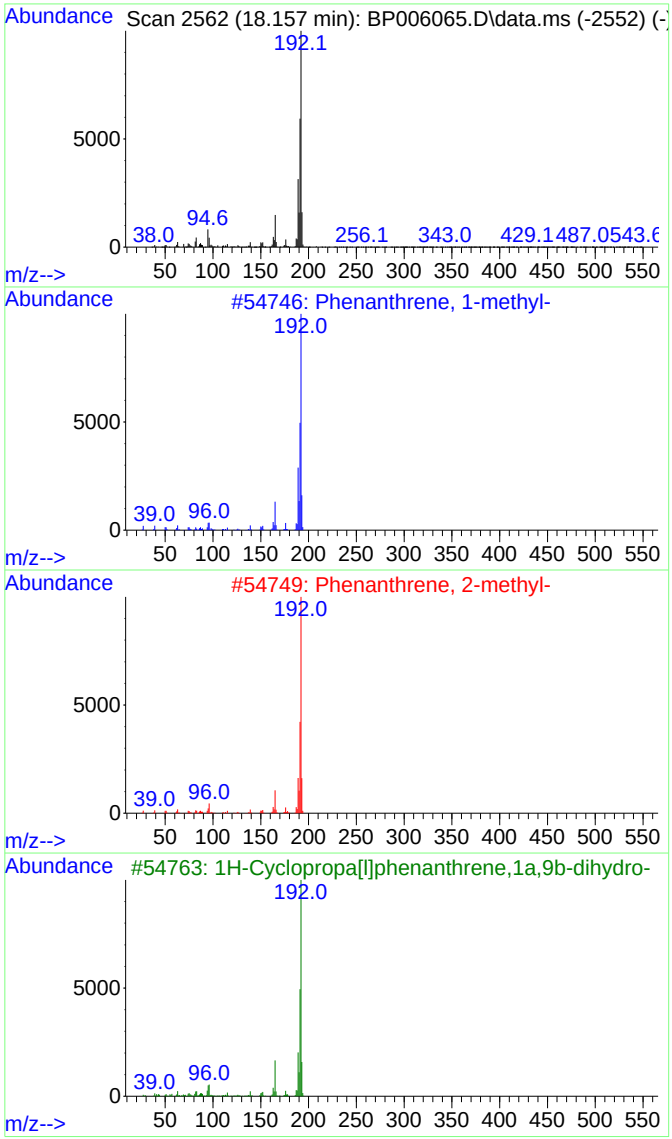
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

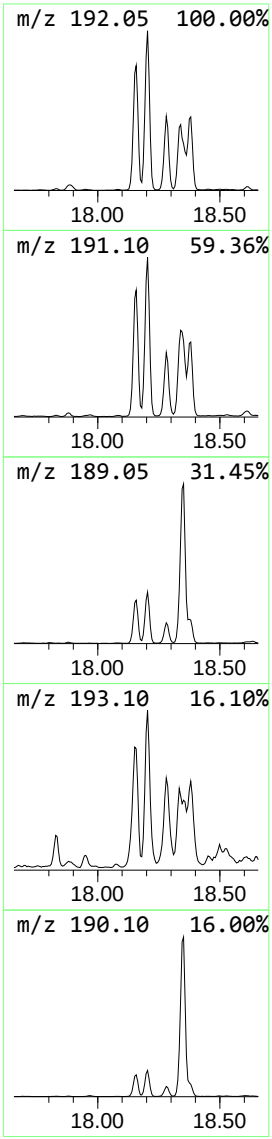
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	56.57 ng	2637940	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

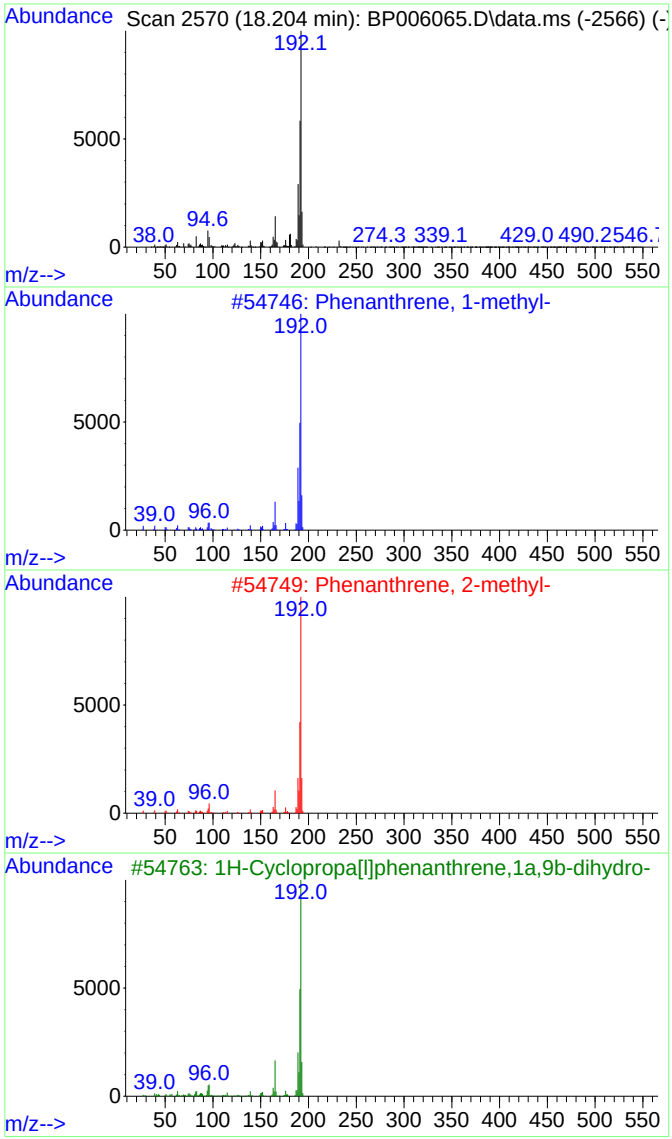
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

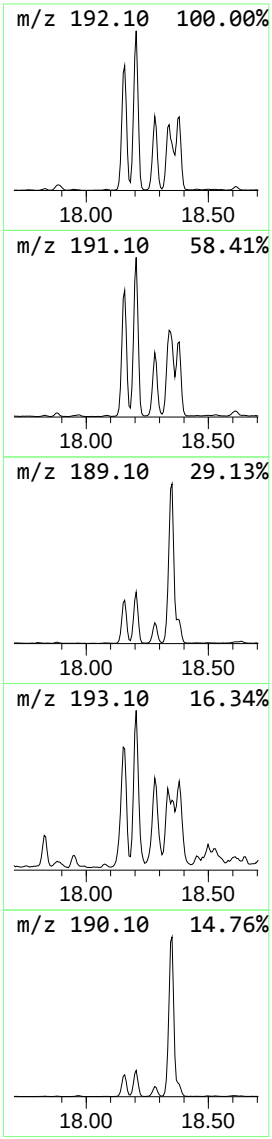
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	65.33 ng	3046490	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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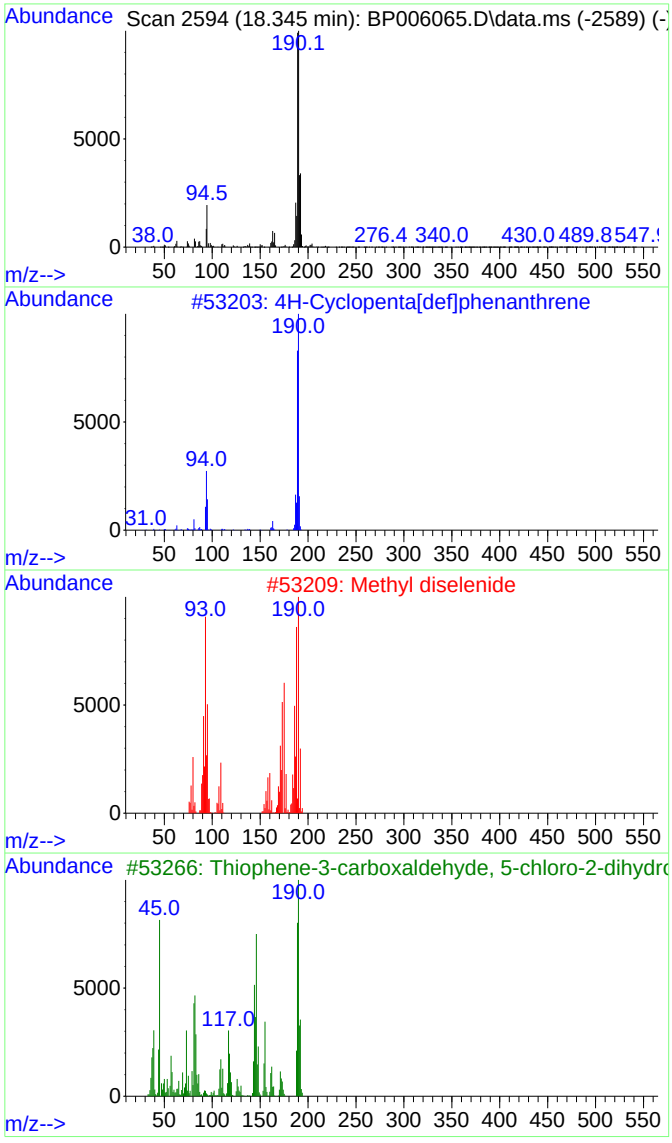
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

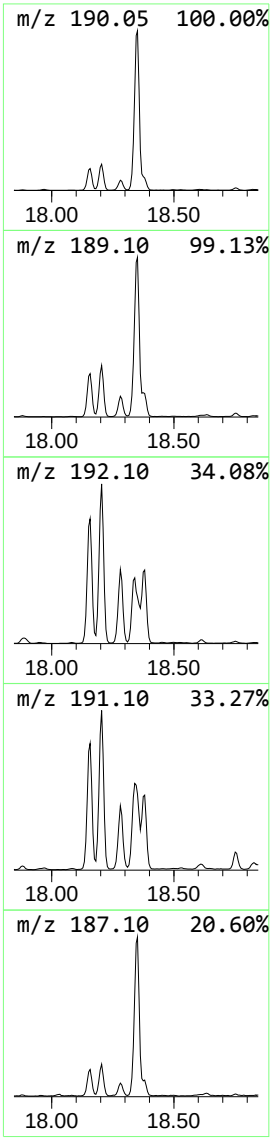
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	91.11 ng	4248300	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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ALS Vial : 19 Sample Multiplier: 1

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

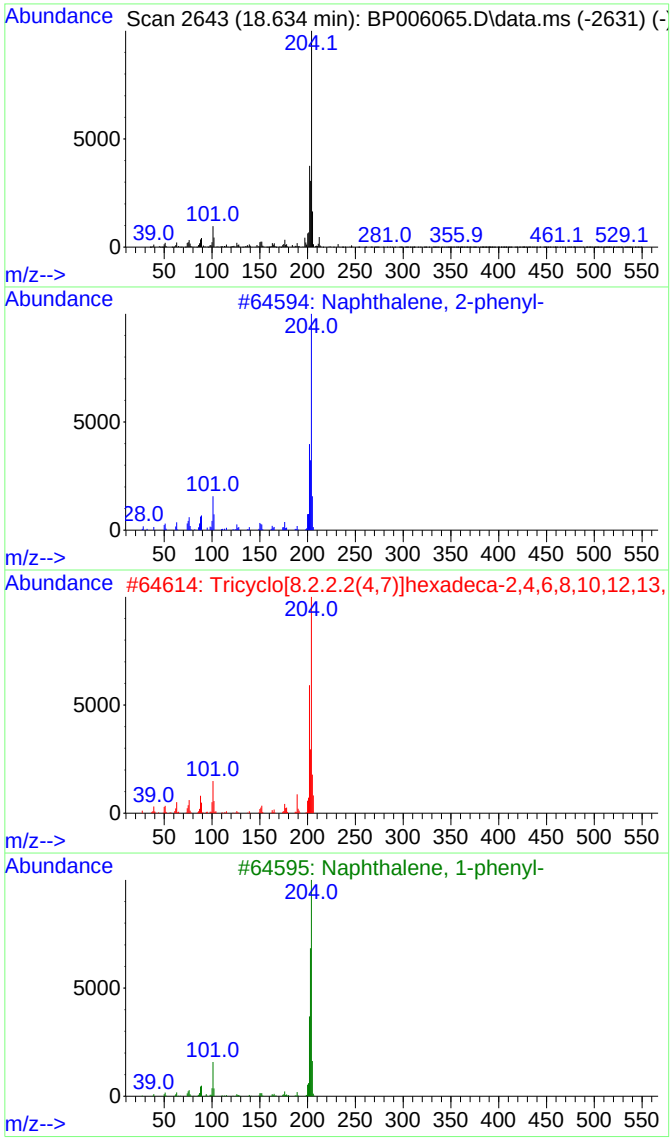
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

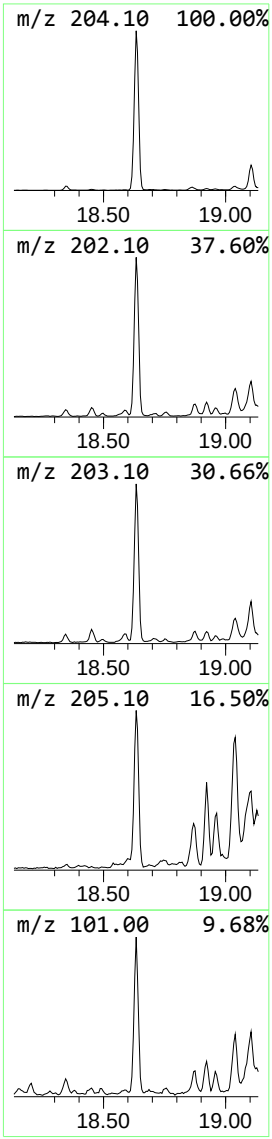
****

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	45.43 ng	2118360	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	58
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53





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Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

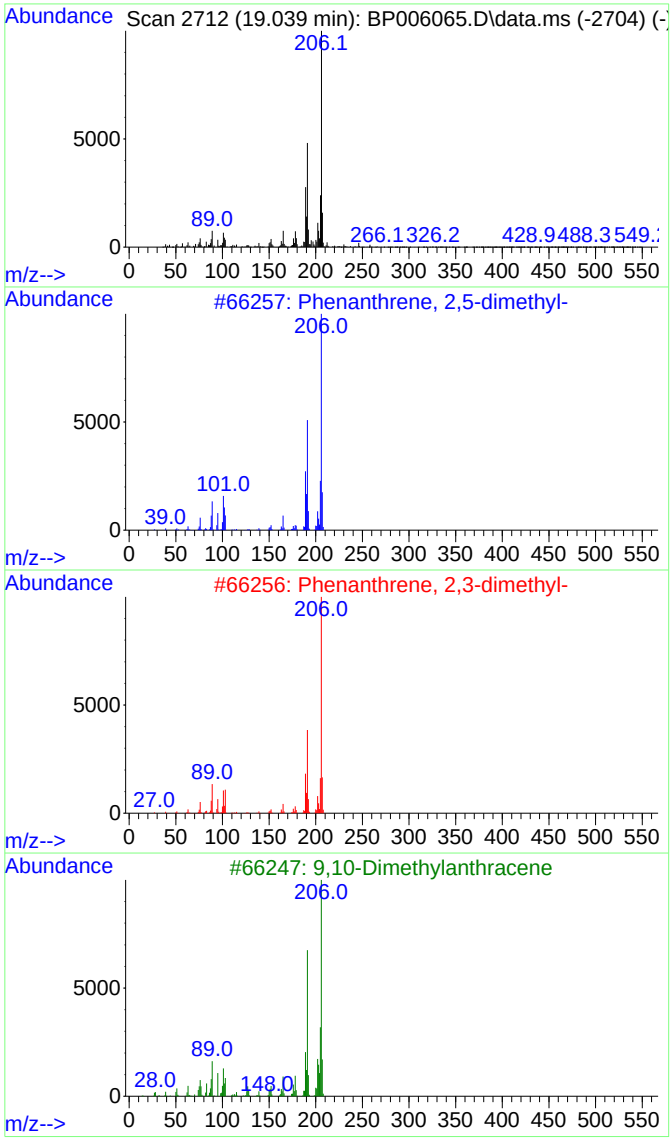
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

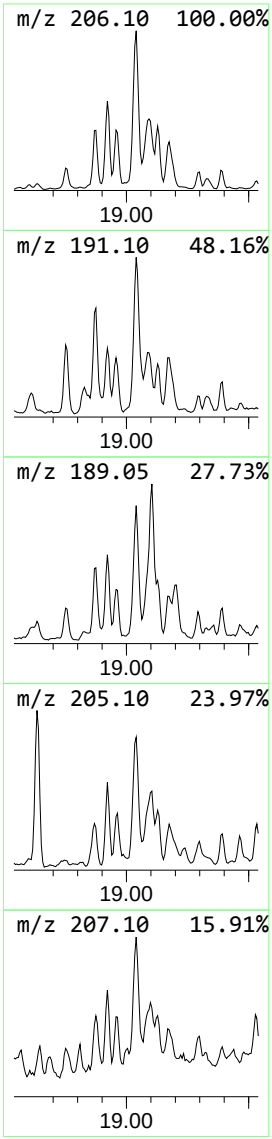
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	41.02 ng	1912910	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

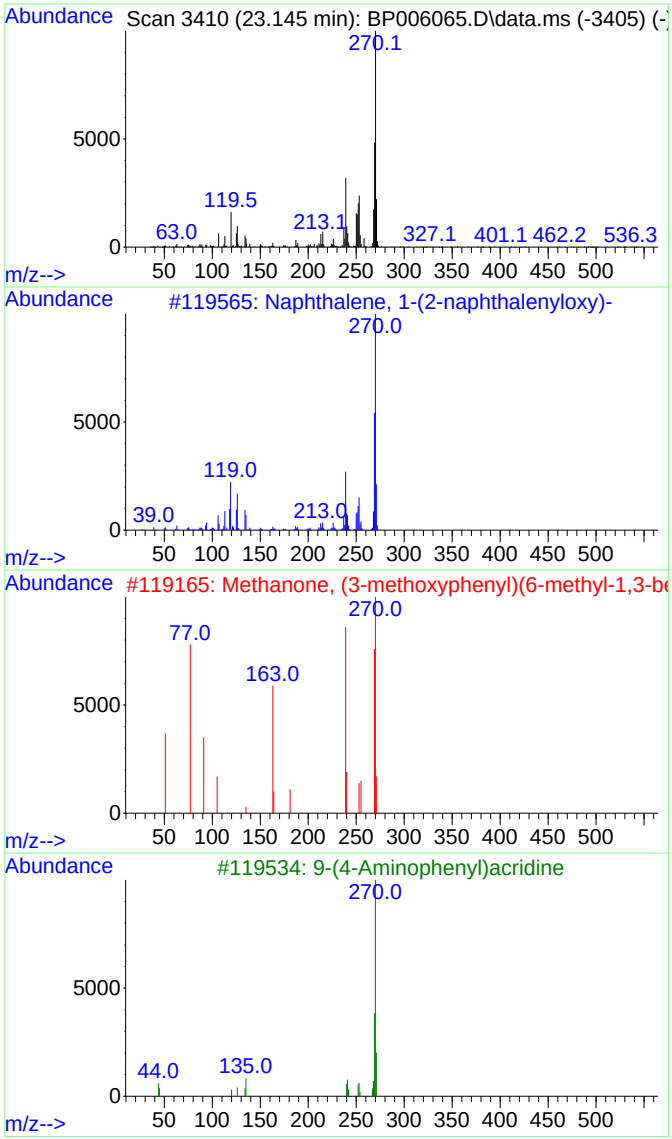
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

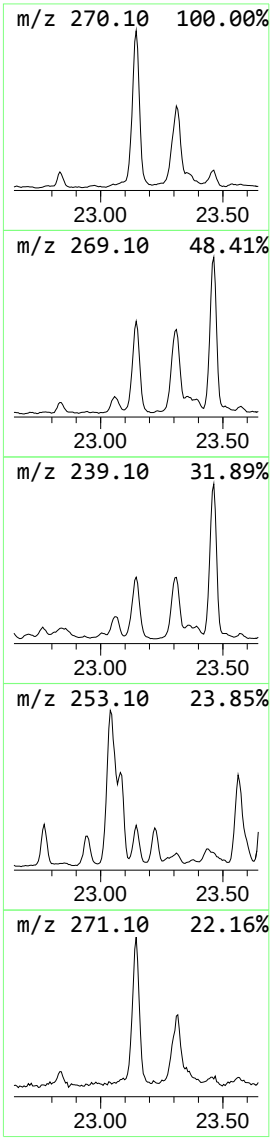
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1-(2-naphthale... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.145	39.21 ng	1395670	Perylene-d12	23.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	91
2	Methanone, (3-methoxyphenyl)(6-m...	270	C16H14O4	052806-40-3	70
3	9-(4-Aminophenyl)acridine	270	C19H14N2	1000298-83-3	50
4	4-Azafluorenone, 3-methylphenyli...	270	C19H14N2	1000301-74-7	49
5	4-Azafluorenone, 4-methylphenyli...	270	C19H14N2	1000216-54-5	49





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Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

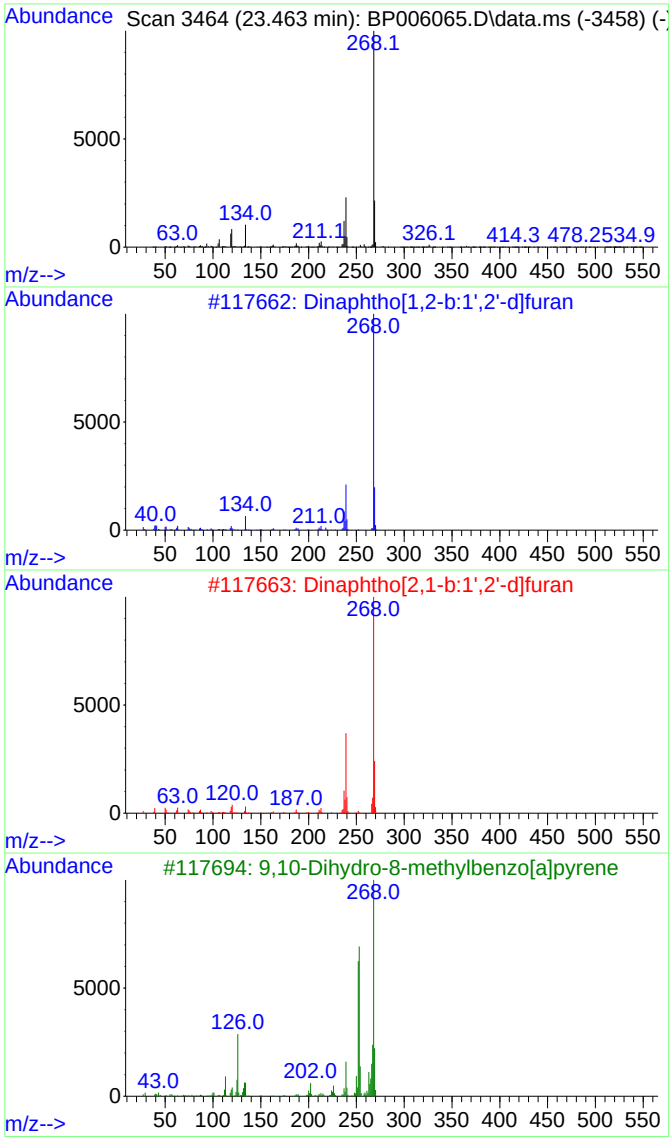
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

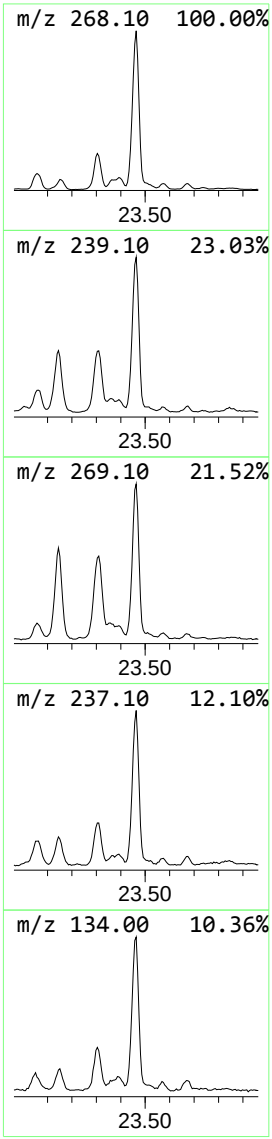
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.463	74.47 ng	2650560	Perylene-d12	23.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	86
3	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	72
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64





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Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
293-347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

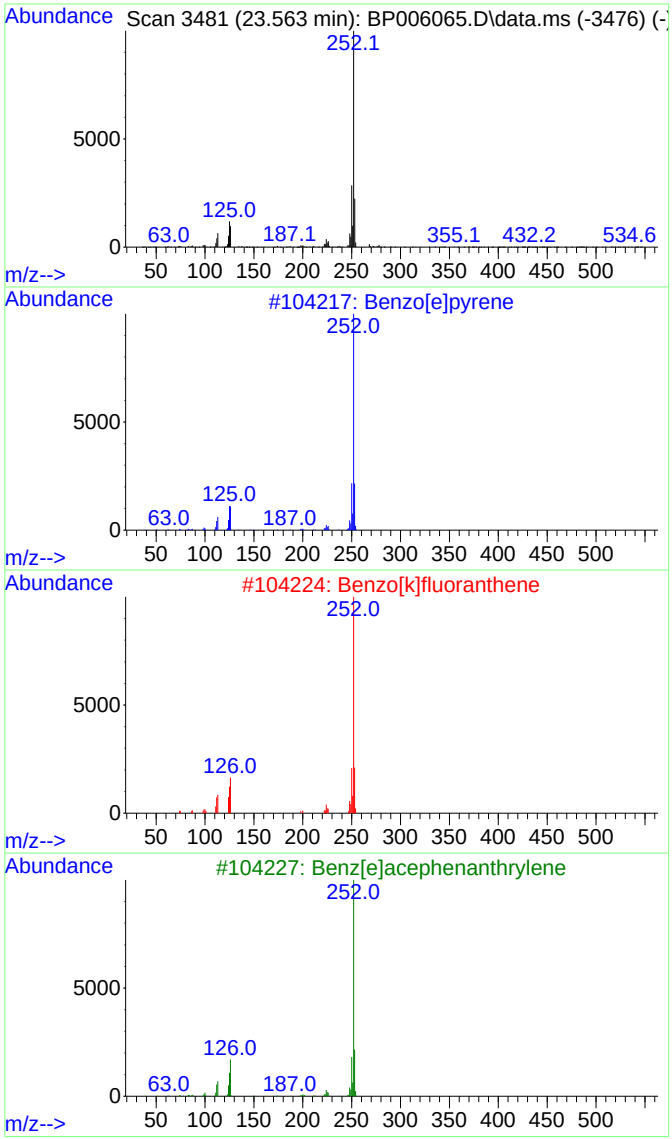
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

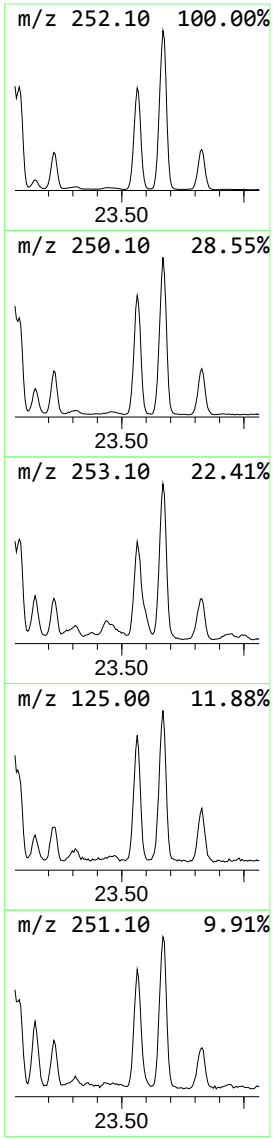
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.563	51.82 ng	1844550	Perylene-d12	23.775

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	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006065.D
Acq On : 24 Jun 2021 22:01
Operator : CG/JU
Sample : M2812-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 293-347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzenethiol, 3...	8.893	56.2	ng	1391760	1	7.911	494974	20.0
Phenol, 2-(1,1-...	12.963	32.0	ng	1034640	3	14.540	647444	20.0
Naphthalene, 1-...	13.575	50.9	ng	1648390	3	14.540	647444	20.0
Naphthalene, 1,...	13.710	67.9	ng	2197810	3	14.540	647444	20.0
Naphthalene, 2,...	13.869	120.9	ng	3913090	3	14.540	647444	20.0
Naphthalene, 1,...	13.922	68.8	ng	2225680	3	14.540	647444	20.0
Naphthalene, 1,...	14.099	51.2	ng	1657550	3	14.540	647444	20.0
Naphthalene, 2-...	14.751	32.5	ng	1051630	3	14.540	647444	20.0
Nordiphenamid	15.751	43.1	ng	1394830	3	14.540	647444	20.0
Phenol, 4,6-di(...	15.793	41.1	ng	1329180	3	14.540	647444	20.0
[1,1'-Biphenyl]...	15.881	52.8	ng	1709290	3	14.540	647444	20.0
Naphtho[2,1-b]t...	17.110	42.9	ng	1998260	4	17.292	932605	20.0
Phenanthrene, 1...	18.157	56.6	ng	2637940	4	17.292	932605	20.0
Phenanthrene, 2...	18.204	65.3	ng	3046490	4	17.292	932605	20.0
4H-Cyclopenta[d...	18.345	91.1	ng	4248300	4	17.292	932605	20.0
Naphthalene, 2-...	18.634	45.4	ng	2118360	4	17.292	932605	20.0
Phenanthrene, 2...	19.039	41.0	ng	1912910	4	17.292	932605	20.0
Naphthalene, 1-...	23.145	39.2	ng	1395670	6	23.775	711871	20.0
Dinaphtho[1,2-b...	23.463	74.5	ng	2650560	6	23.775	711871	20.0
Benzo[e]pyrene	23.563	51.8	ng	1844550	6	23.775	711871	20.0