LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	404	410	437	rBV	2427647	3971307	10.98%	1.169%
2	6.999	675	682	699	rBV	2239925	4129243	11.42%	1.215%
3	7.799	810	818	828	rBV	646617	1088195	3.01%	0.320%
4	8.963	1009	1016	1025	rBV	1512748	2651977	7.33%	0.780%
5	10.004	1175	1193	1203	rBV6	163957	507076	1.40%	0.149%
6	10.598	1283	1294	1297	rBV	909522	1546810	4.28%	0.455%
7	10.651	1297	1303	1316	rVV	4904260	8701399	24.06%	2.561%
8	10.769	1316	1323	1334	rVB	328834	650134	1.80%	0.191%
9	12.263	1567	1577	1584	rBV	5086960	8451589	23.37%	2.487%
10	12.393	1591	1599	1604	rBV2	381138	725536	2.01%	0.214%
11	12.481	1604	1614	1625	rVB	3152155	5174358	14.31%	1.523%
12	13.063	1705	1713	1725	rBV	4862445	7504469	20.75%	2.208%
13	13.275	1743	1749	1762	rVB	1657976	2367989	6.55%	0.697%
14	13.475	1777	1783	1797	rVB	537951	1073417	2.97%	0.316%
15	13.604	1797	1805	1807	rBV	1173416	1867123	5.16%	0.549%
16	13.763	1825	1832	1837	rBV	1721390	3219813	8.90%	0.948%
17	13.816	1837	1841	1851	rVB	1125208	1793534	4.96%	0.528%
18	14.004	1864	1873	1876	rBV2	809702	1429336	3.95%	0.421%
19	14.169	1892	1901	1909	rVB	730511	1198776	3.31%	0.353%
20	14.439	1938	1947	1953	rBV2	1436046	3270243	9.04%	0.962%
21	14.510	1953	1959	1967	rVV	6488569	10145194	28.05%	2.986%
22	14.651	1978	1983	1992	rVB	245889	595050	1.65%	0.175%
23	14.751	1992	2000	2005	rBV2	417057	696731	1.93%	0.205%
24	14.845	2010	2016	2024	rVV	5895966	8916188	24.65%	2.624%
25	14.922	2024	2029	2036	rVB	486998	716904	1.98%	0.211%
26	15.063	2045	2053	2058	rBV3	406982	833568	2.30%	0.245%
27	15.122	2058	2063	2074	rVB	447177	757644	2.09%	0.223%
28	15.234	2074	2082	2086	rBV2	344520	762119	2.11%	0.224%
29	15.498	2120	2127	2138	rVV	7726562	12367351	34.20%	3.640%
30	15.592	2138	2143	2145	rVV2	441820	646903	1.79%	0.190%
31	15.622	2145	2148	2151	rVV	627796	953387	2.64%	0.281%
32	15.657	2151	2154	2159	rVV3	1050664	1570968	4.34%	0.462%
33	15.704	2159	2162	2165	rVV	324020	485747	1.34%	0.143%
34	15.745	2165	2169	2172	rVV	525683	807293	2.23%	0.238%
35	15.792	2172	2177	2186	rVB	1622430	2375630	6.57%	0.699%
36	15.945	2192	2203	2210	rBV	4980457	8996608	24.88%	2.648%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.028	2210	2217	2223	rVB2	351785	775960	2.15%	0.228%
38	16.181	2237	2243	2254	rVB5	282874	594143	1.64%	0.175%
39	16.292	2254	2262	2269	rBV3	259711	593068	1.64%	0.175%
40	16.504	2286	2298	2303	rBV2	1298836	2672452	7.39%	0.786%
41	16.551	2303	2306	2312	rVB2	421088	635203	1.76%	0.187%
42	16.657	2318	2324	2329	rVB2	502988	902184	2.49%	0.266%
43	16.733	2334	2337	2341	rVV	418345	602775	1.67%	0.177%
44	16.775	2341	2344	2347	rVB2	444939	530891	1.47%	0.156%
45	16.857	2355	2358	2365	rVB4	326717	581776	1.61%	0.171%
46	16.933	2365	2371	2378	rVV	648290	1290426	3.57%	0.380%
47	17.022	2380	2386	2397	rVB	1942796	3204741	8.86%	0.943%
48	17.204	2411	2417	2420	rBV	1596819	2752142	7.61%	0.810%
49	17.257	2420	2426	2431	rVV	20128039	36166142	100.00%	10.643%
50	17.339	2432	2440	2445	rVB	5291671	7227958	19.99%	2.127%
51	17.398	2445	2450	2456	rBV	861751	1425225	3.94%	0.419%
52	17.616	2475	2487	2500	rBV	2025411	3866125	10.69%	1.138%
53	17.722	2501	2505	2512	rVV2	540668	934744	2.58%	0.275%
54	17.786	2512	2516	2525	rVB6	327353	736112	2.04%	0.217%
55	18.075	2556	2565	2569	rBV	2644345	4256484	11.77%	1.253%
56	18.122	2569	2573	2579	rVV	3826396	5242324	14.50%	1.543%
57	18.198	2580	2586	2591	rVV	1630595	2335383	6.46%	0.687%
58	18.263	2591	2597	2601	rVV2	4551169	7871488	21.76%	2.316%
59	18.298	2601	2603	2610	rVB	1444035	1712099	4.73%	0.504%
60	18.369	2611	2615	2619	rBV2	319352	463903	1.28%	0.137%
61	18.557	2642	2647	2652	rVV	1780483	2514261	6.95%	0.740%
62	18.792	2683	2687	2692	rVB2	415428	537458	1.49%	0.158%
63	18.845	2692	2696	2699	rBV	469767	557367	1.54%	0.164%
64	18.880	2699	2702	2706	rVB	414359	542405	1.50%	0.160%
65	18.963	2710	2716	2721	rBV	964105	1696126	4.69%	0.499%
66	19.027	2723	2727	2730	rVV	389774	478252	1.32%	0.141%
67	19.104	2735	2740	2747	rVB6	377955	931428	2.58%	0.274%
68	19.227	2754	2761	2766	rBV	17286856	25864430	71.52%	7.612%
69	19.316	2773	2776	2782	rBV2	458453	838502	2.32%	0.247%
70	19.457	2795	2800	2803	rVV	524414	797764	2.21%	0.235%
71	19.580	2816	2821	2828	rVB	12281712	19786833	54.71%	5.823%
72	19.645	2828	2832	2838	rVB3	833040	1331547	3.68%	0.392%
73	19.769	2845	2853	2857	rBV2	8105090	11179551	30.91%	3.290%
74	19.816	2857	2861	2866	rVB	518690	773059	2.14%	0.228%
75	19.892	2867	2874	2880	rBV4	918851	2425731	6.71%	0.714%
76	19.945	2880	2883	2891	rVB	355668	537399	1.49%	0.158%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.016	2891	2895	2898	rBV3	810549	1393737	3.85%	0.410%
78	20.057	2898	2902	2907	rVB	3256111	4215024	11.65%	1.240%
79	20.151	2914	2918	2922	rBV	3163834	4132585	11.43%	1.216%
80	20.210	2922	2928	2932	rVV2	1208052	2234955	6.18%	0.658%
81	20.286	2938	2941	2946	rVB2	334893	463005	1.28%	0.136%
82	20.345	2947	2951	2955	rBV	559070	779628	2.16%	0.229%
83	20.392	2955	2959	2963	rBV2	577961	804506	2.22%	0.237%
84	20.751	3016	3020	3024	rBV	380731	622015	1.72%	0.183%
85	20.792	3024	3027	3032	rVB2	415388	599345	1.66%	0.176%
86	20.951	3050	3054	3057	rBV	817666	1200092	3.32%	0.353%
87	20.986	3057	3060	3063	rVV	722164	901239	2.49%	0.265%
88	21.286	3103	3111	3117	rBV2	6367644	12908792	35.69%	3.799%
89	21.339	3117	3120	3128	rVB	4989719	6314291	17.46%	1.858%
90	21.416	3128	3133	3137	rBV	7861982	10686447	29.55%	3.145%
91	21.457	3137	3140	3147	rVB	1224141	1811775	5.01%	0.533%
92	21.874	3208	3211	3215	rVV	744290	1147506	3.17%	0.338%
93	21.927	3218	3220	3227	rVB	482932	686480	1.90%	0.202%
94	22.039	3236	3239	3243	rVB2	334531	448717	1.24%	0.132%
95	22.086	3244	3247	3250	rBV	297895	470857	1.30%	0.139%
96	22.968	3391	3397	3403	rBV	2641705	6549208	18.11%	1.927%
97	23.157	3425	3429	3435	rVB	520025	888484	2.46%	0.261%
98	23.492	3480	3486	3495	rVB	1344394	2747020	7.60%	0.808%
99	23.592	3497	3503	3511	rVV	2236038	4292475	11.87%	1.263%
100	23.698	3516	3521	3526	rBV	1316477	2389996	6.61%	0.703%

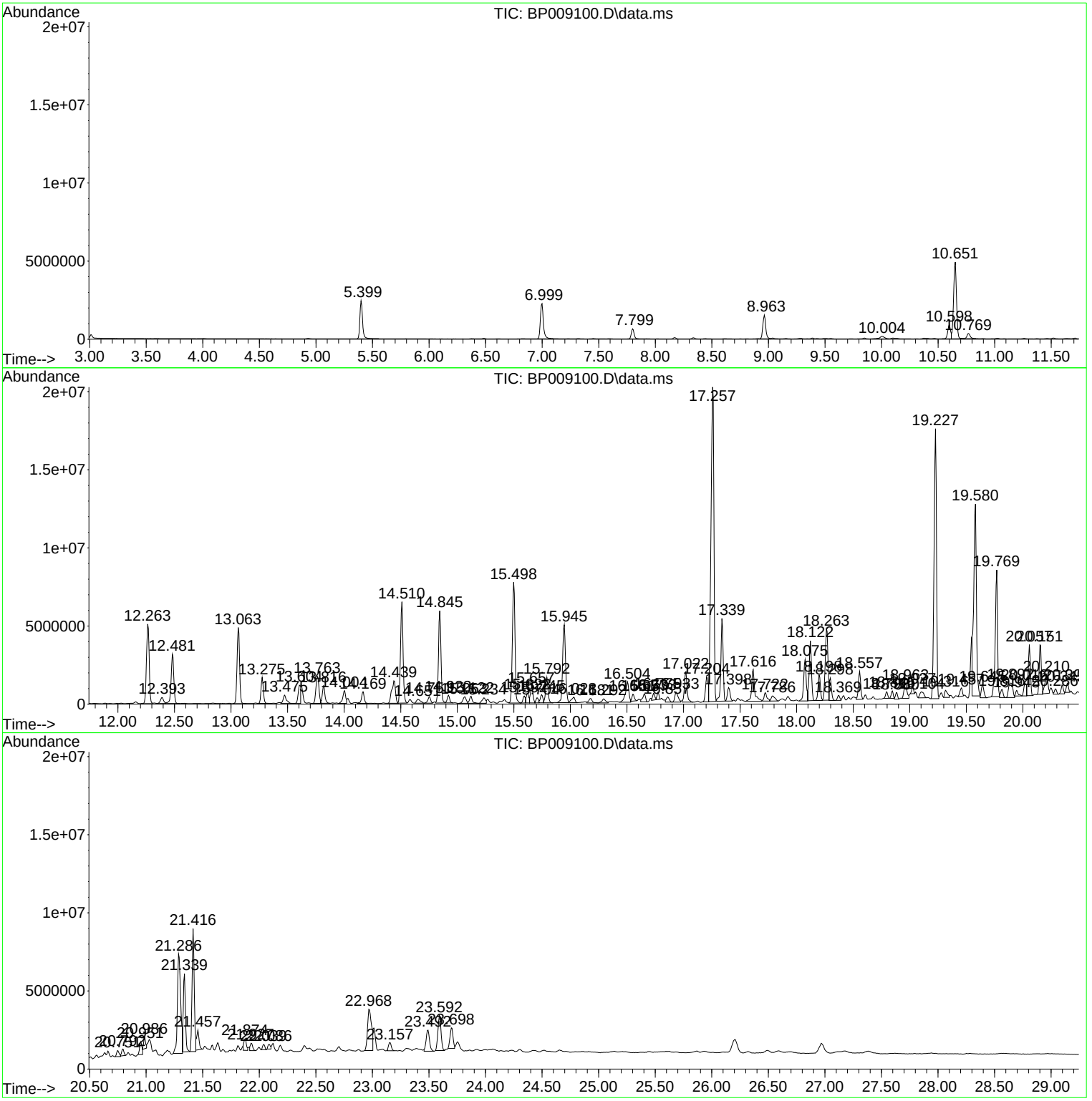
Sum of corrected areas: 339803649

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

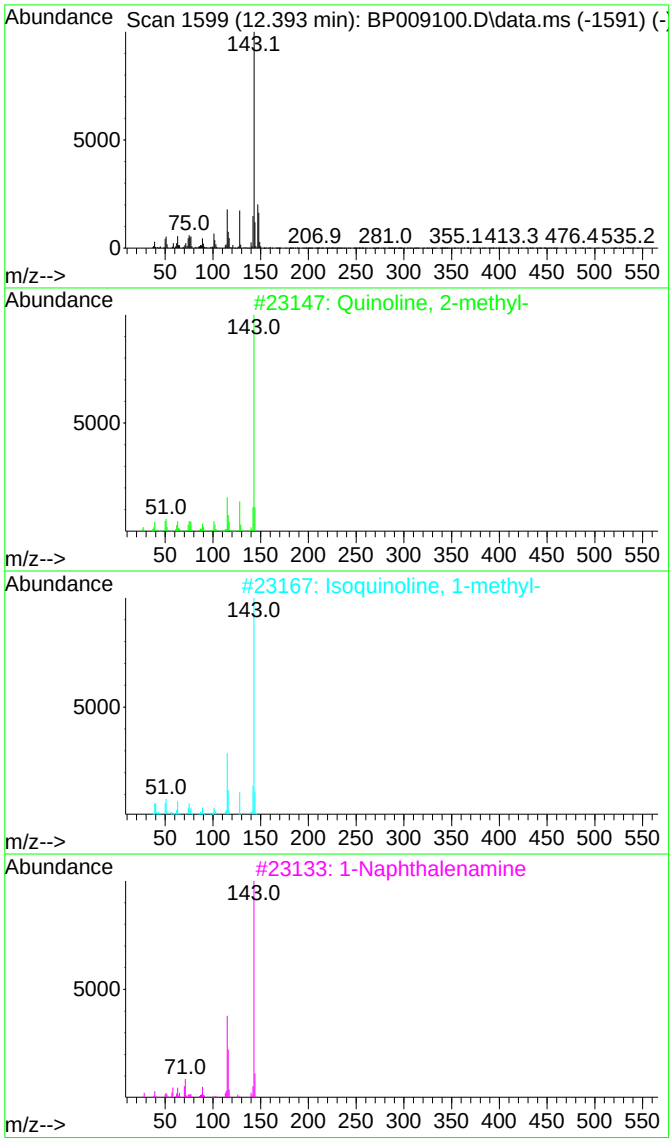
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

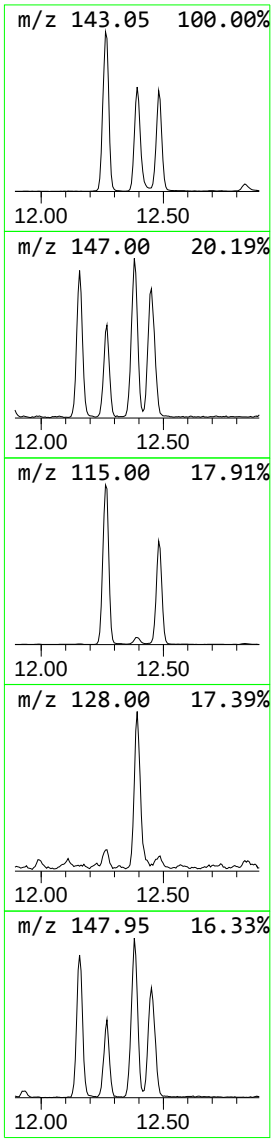
****

Peak Number 1 Quinoline, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.393	9.38 ng	725536	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
2	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	76
3	1-Naphthalenamine	143	C10H9N	000134-32-7	70
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	68
5	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

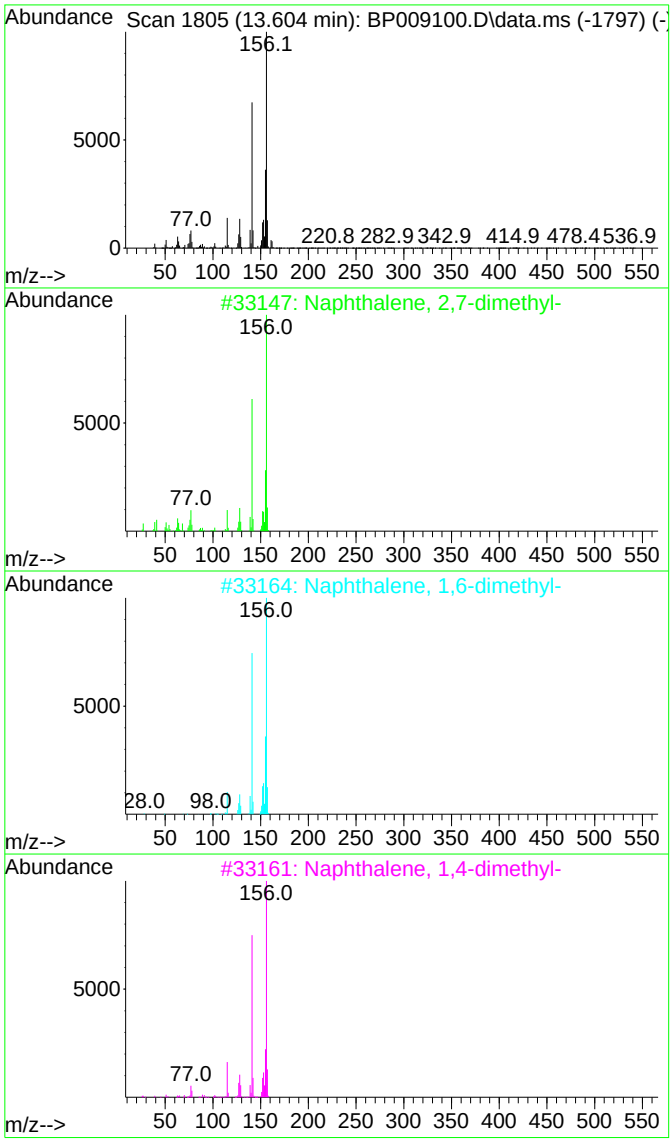
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

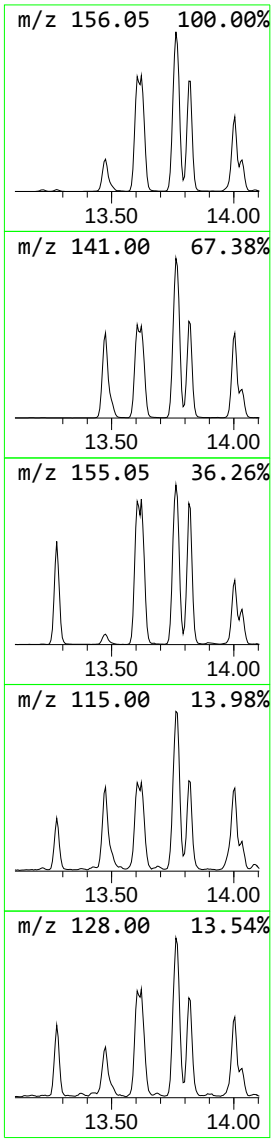
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	11.42 ng	1867120	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

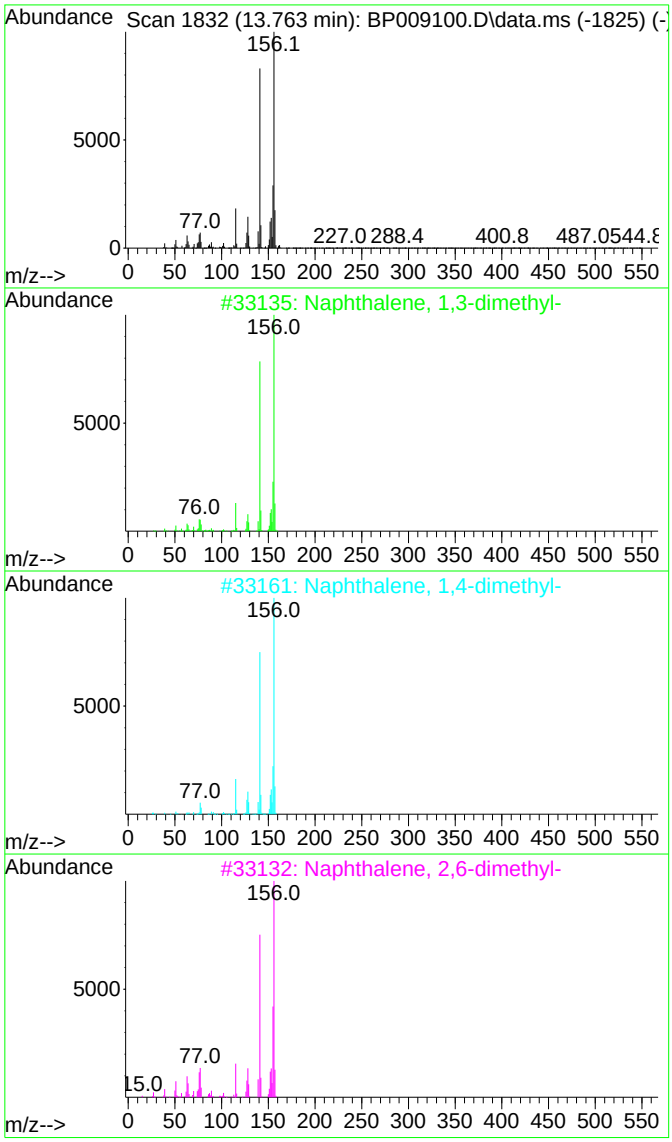
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

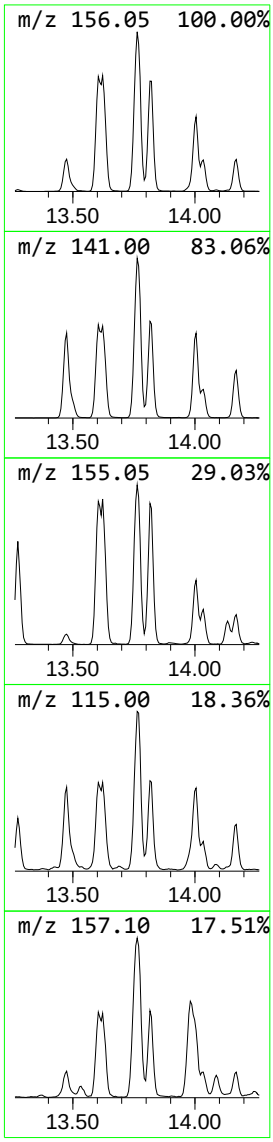
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	19.69 ng	3219810	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

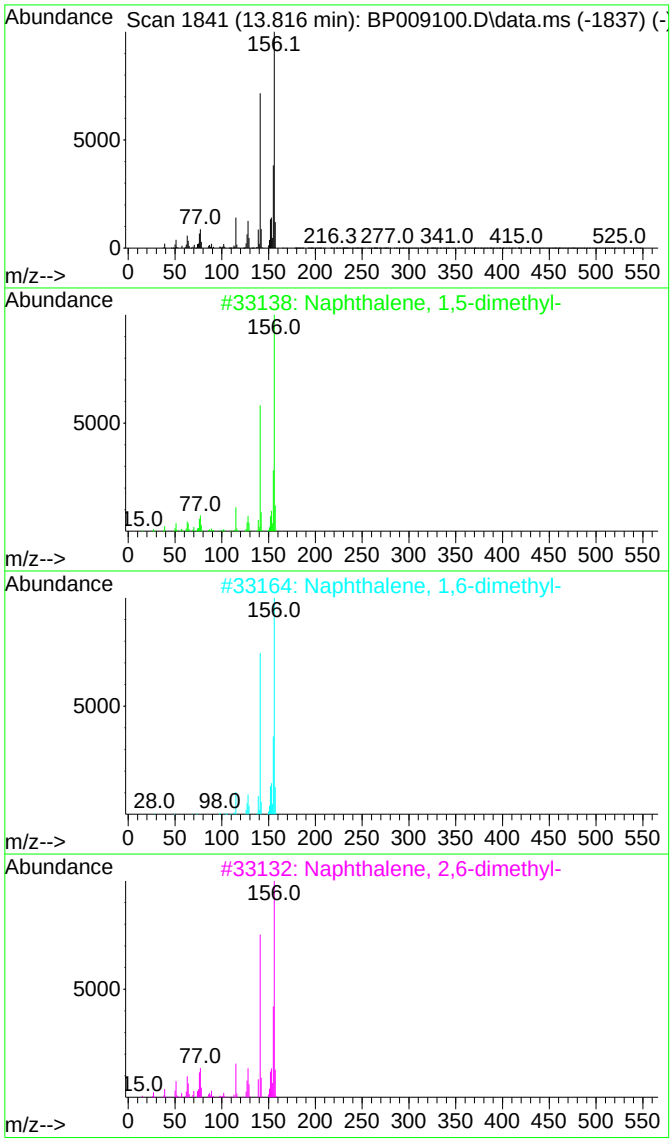
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

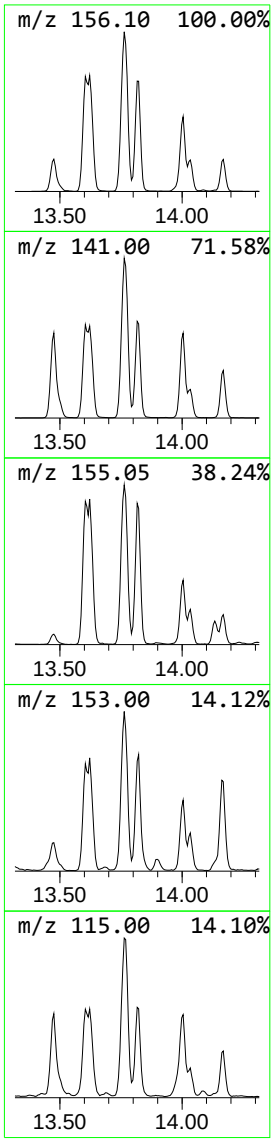
****

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	10.97 ng	1793530	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

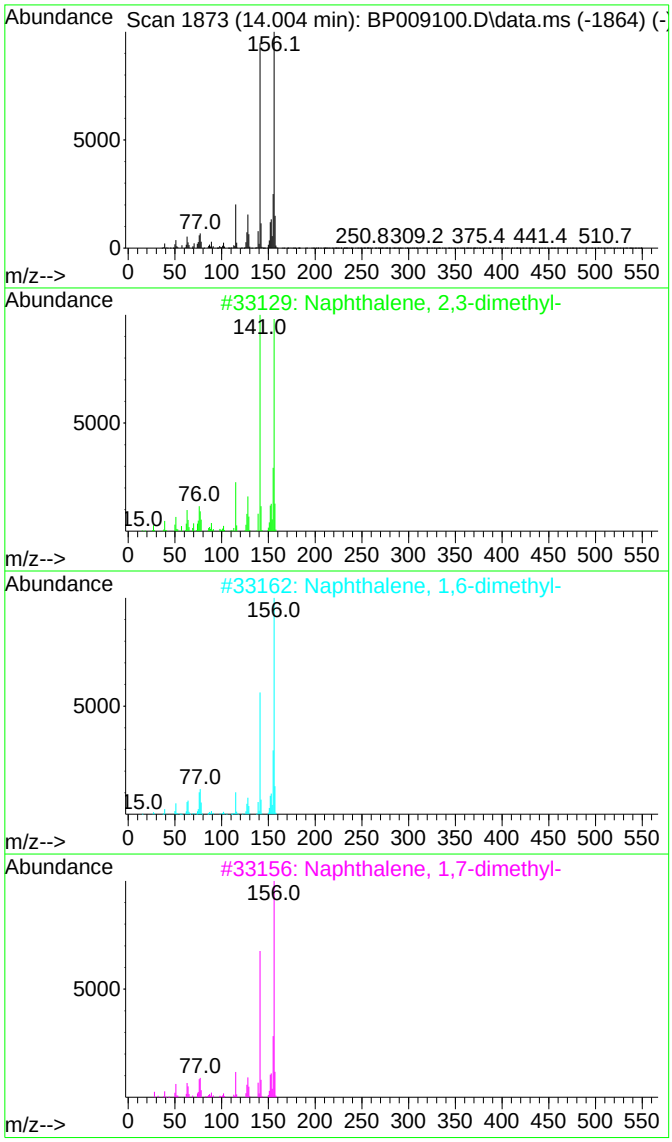
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

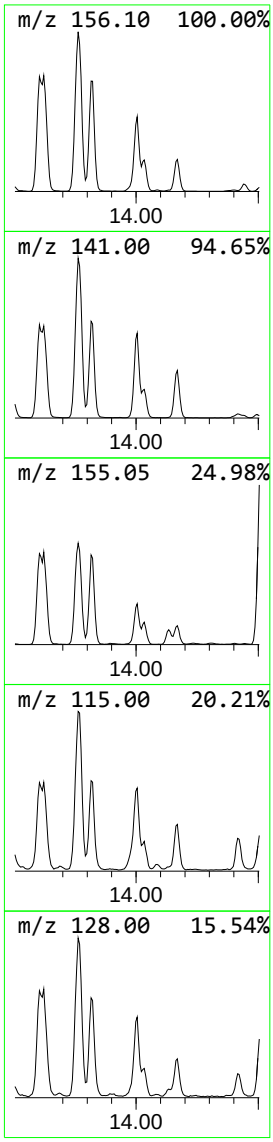
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	8.74 ng	1429340	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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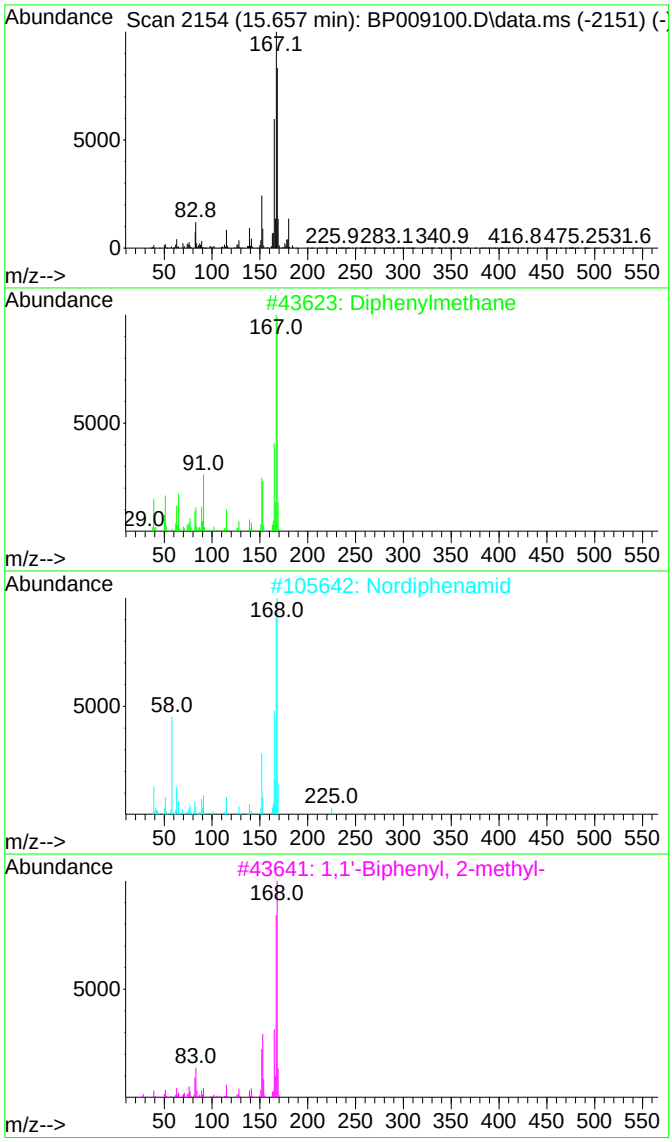
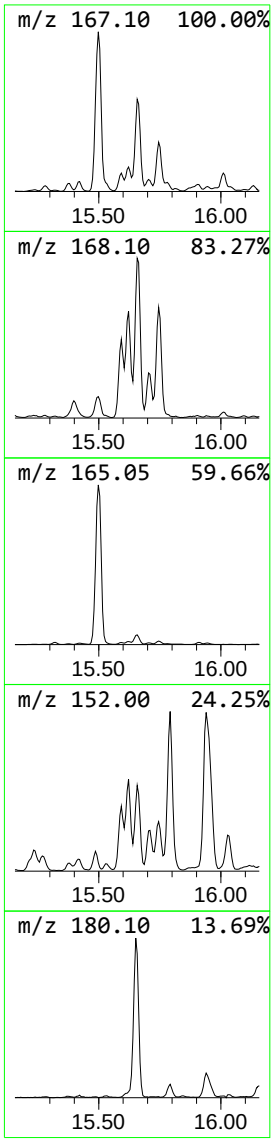
Peak Number 6 Diphenylmethane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	9.61 ng	1570970	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	86
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	58
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49





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

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

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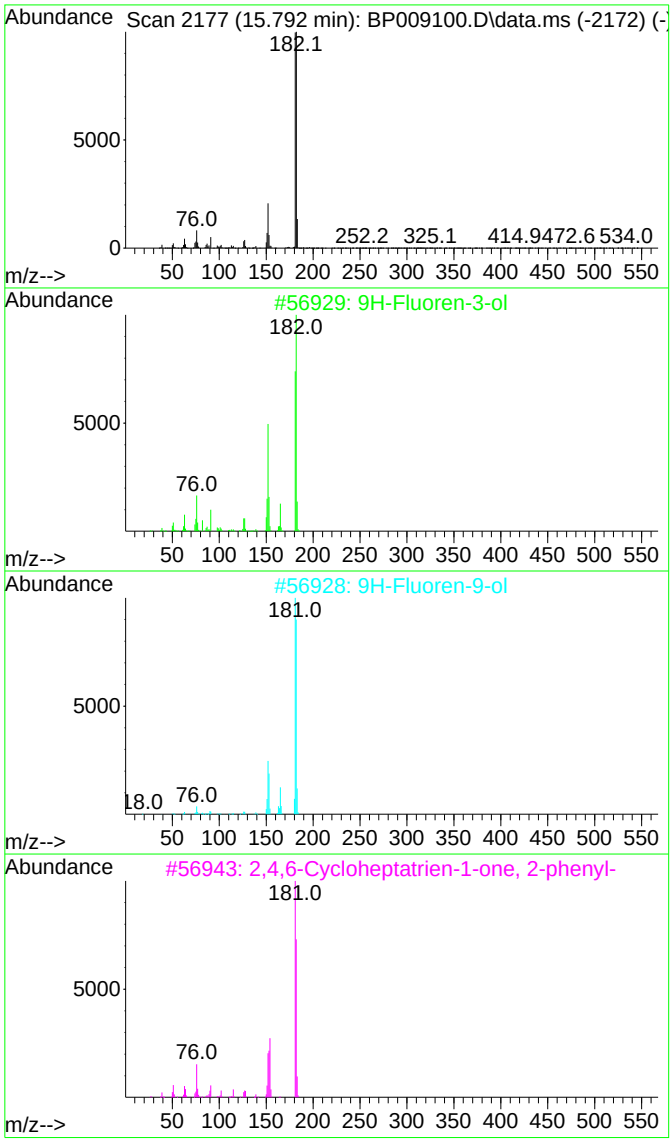
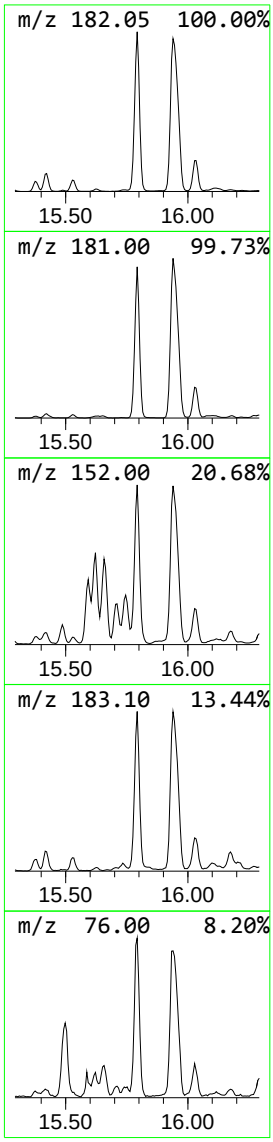
Peak Number 7 9H-Fluoren-3-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	14.53 ng	2375630	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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

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

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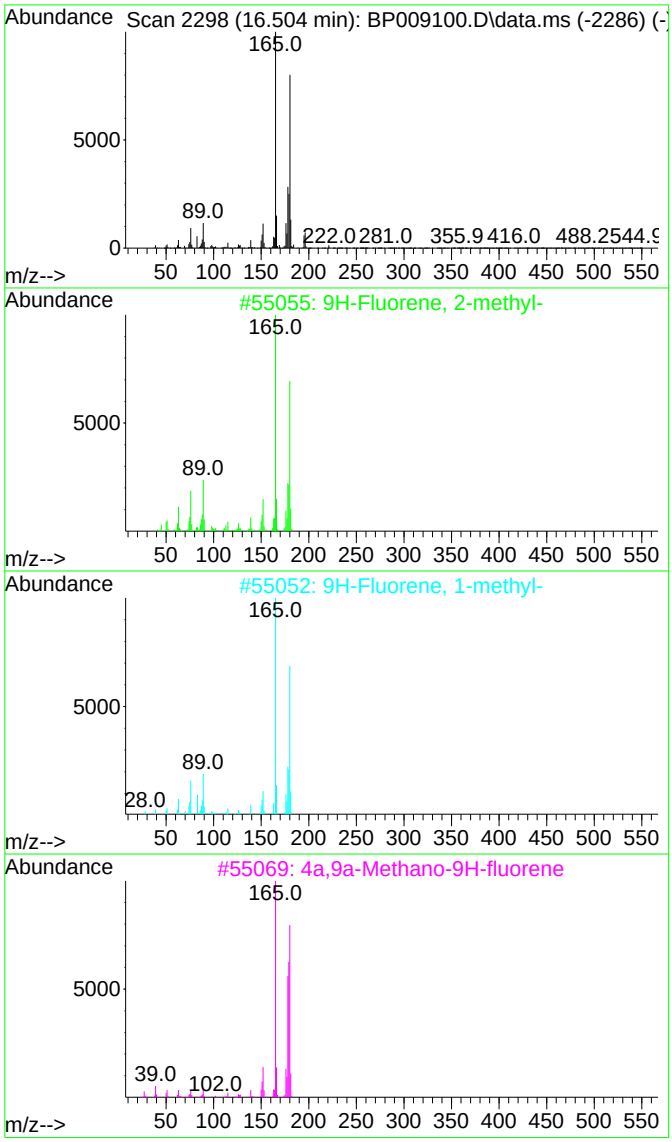
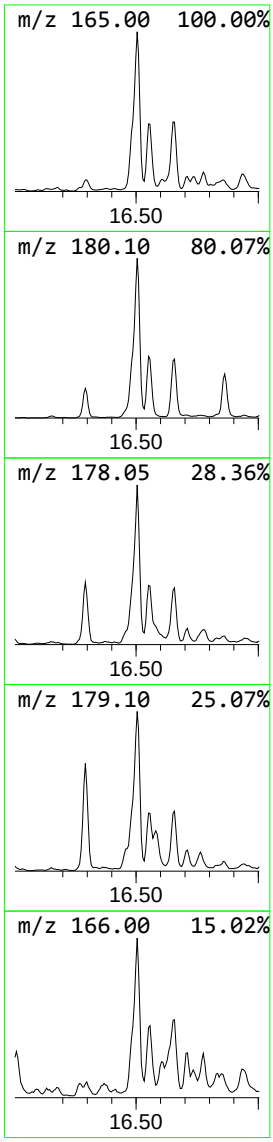
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.504	19.42 ng	2672450	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





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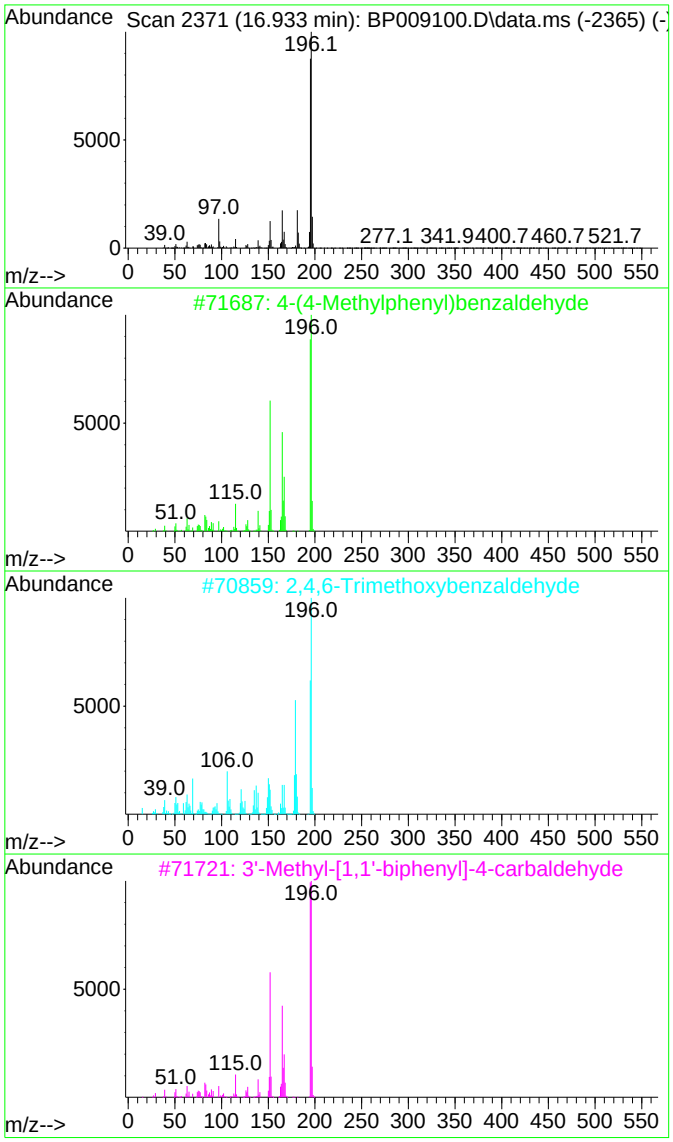
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

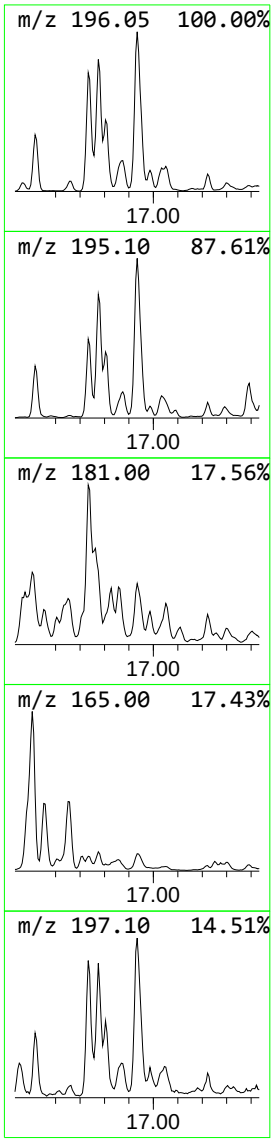
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4-(4-Methylphenyl)benzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.933	9.38 ng	1290430	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	80
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52





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ALS Vial : 10 Sample Multiplier: 1

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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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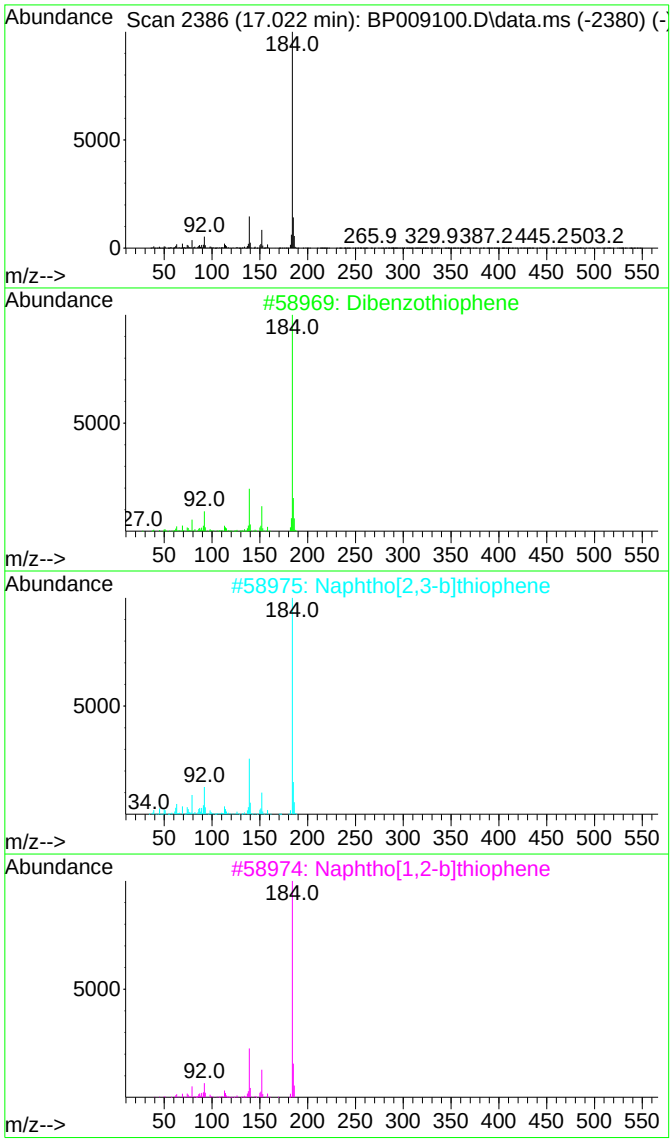
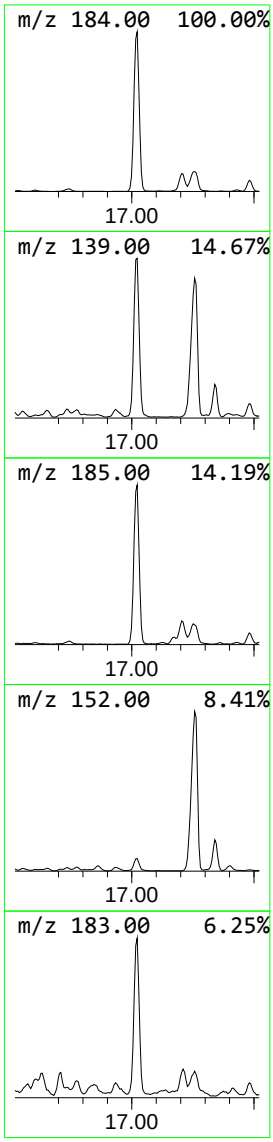
Peak Number 10 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	23.29 ng	3204740	Phenanthrene-d10	17.204

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	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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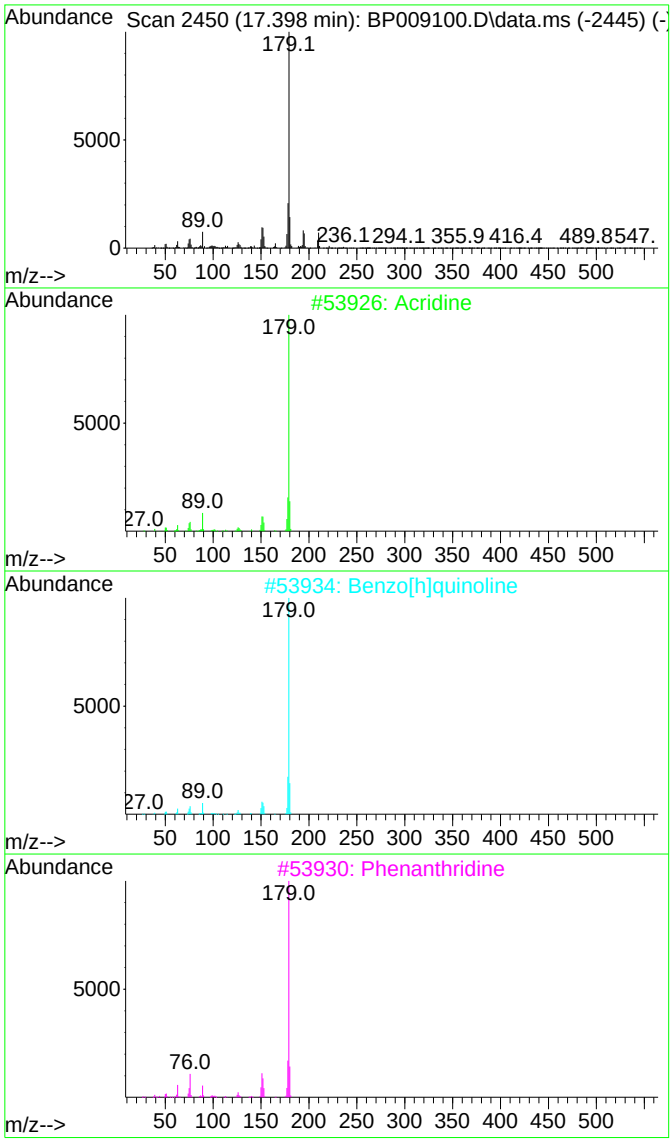
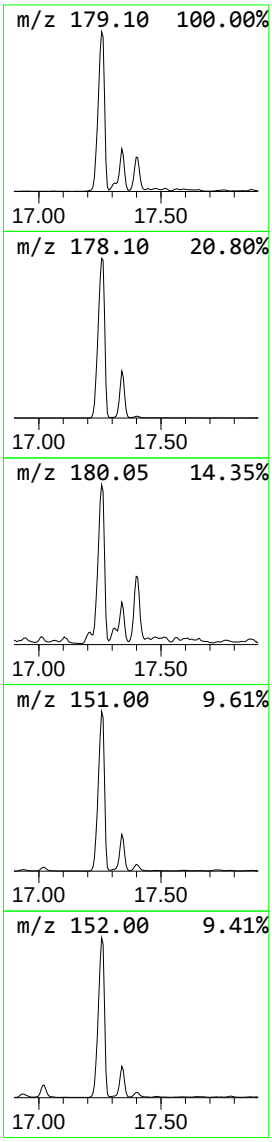
Peak Number 11 Acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.398	10.36 ng	1425230	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	96
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
3	Phenanthridine	179	C13H9N	000229-87-8	91
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	91
5	Benzo[f]isoquinoline	179	C13H9N	000229-67-4	87





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

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

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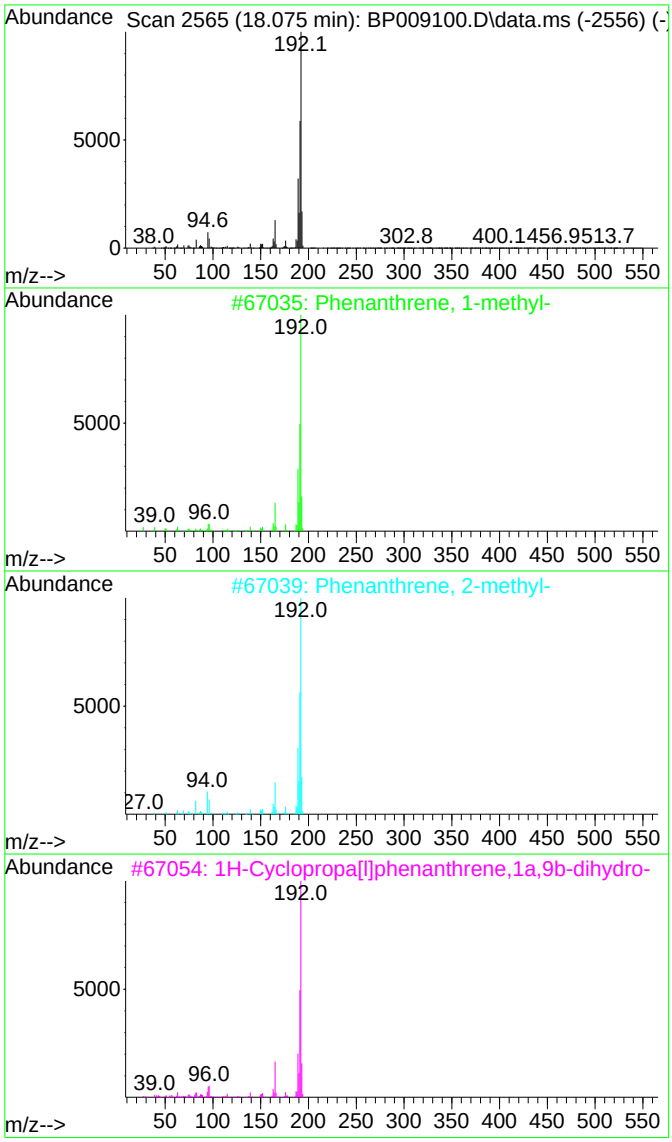
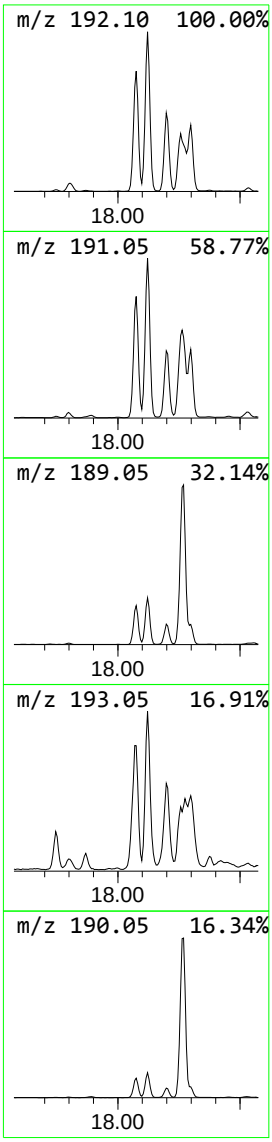
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	30.93 ng	4256480	Phenanthrene-d10	17.204

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	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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ALS Vial : 10 Sample Multiplier: 1

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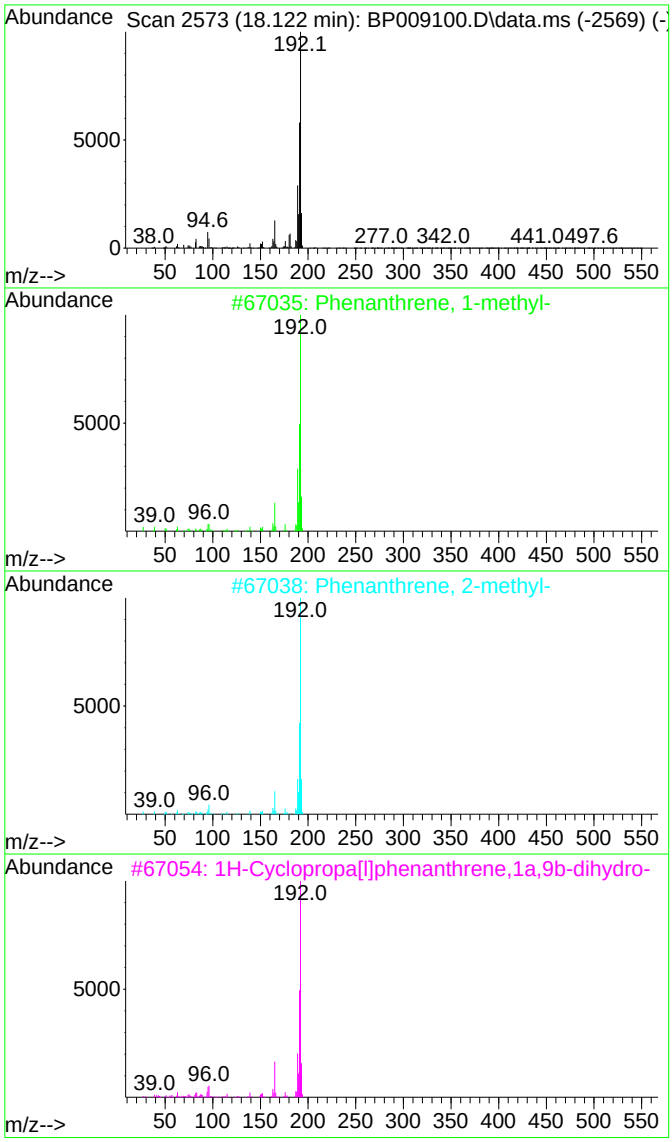
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

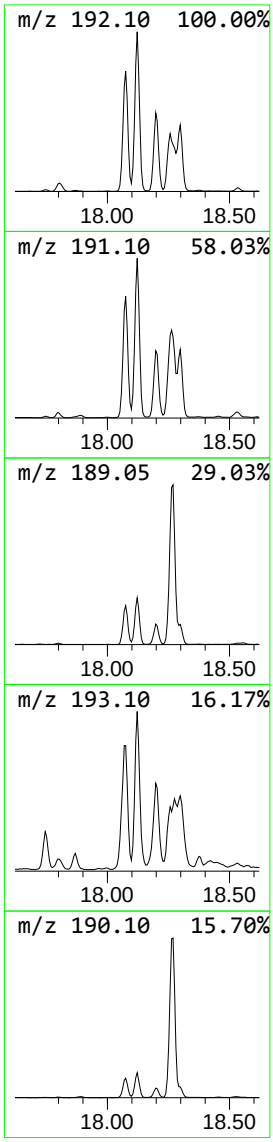
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	38.10 ng	5242320	Phenanthrene-d10	17.204

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	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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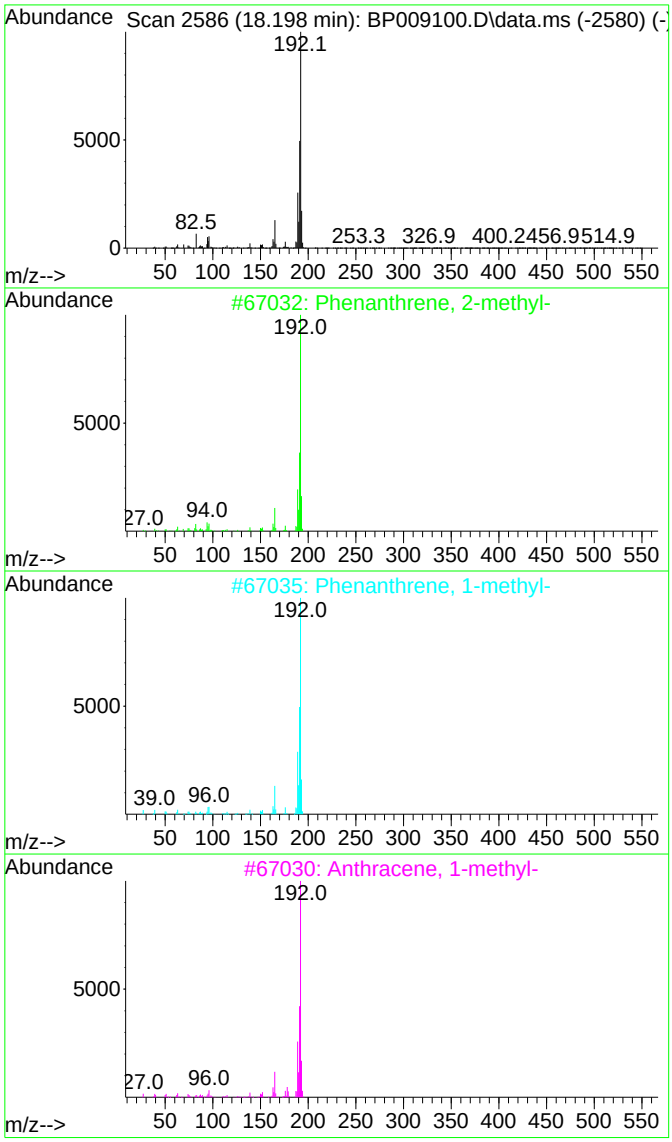
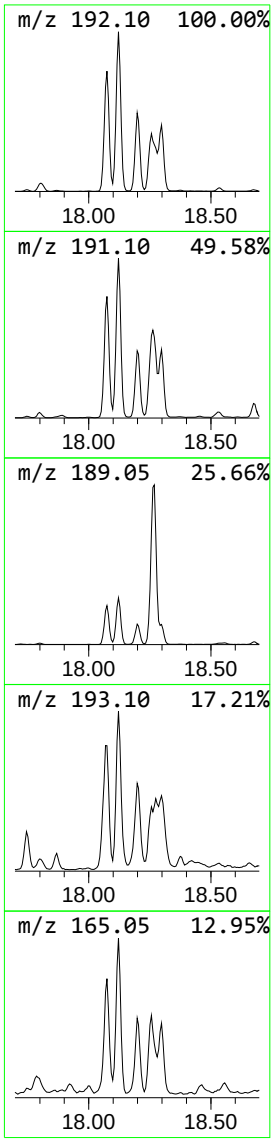
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	16.97 ng	2335380	Phenanthrene-d10	17.204

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





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ALS Vial : 10 Sample Multiplier: 1

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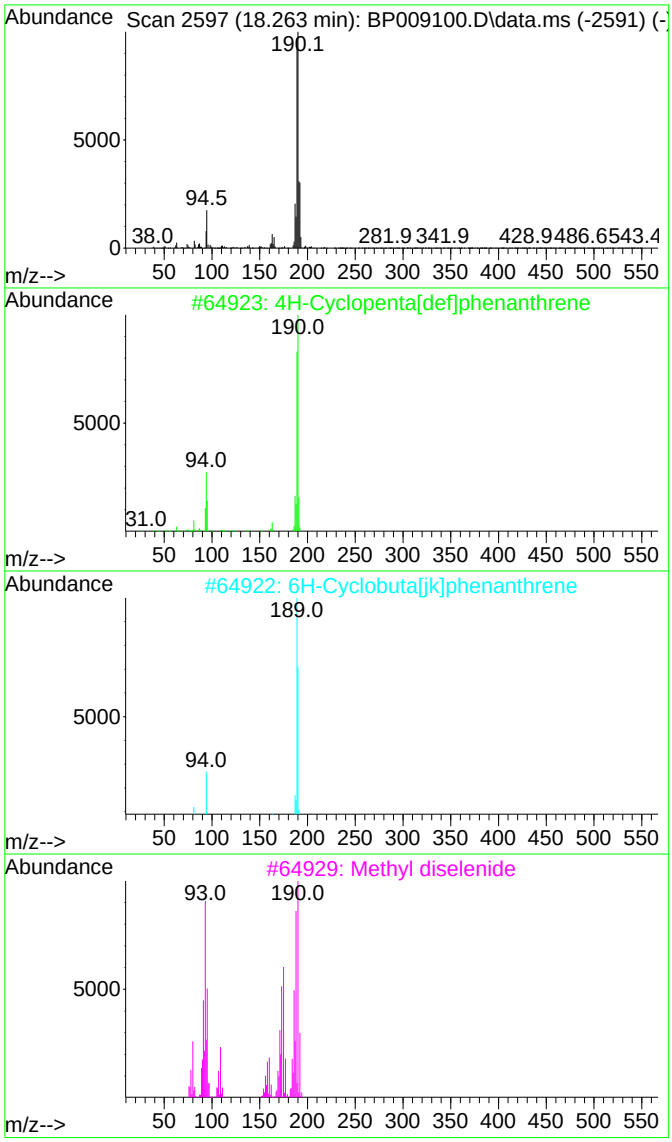
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

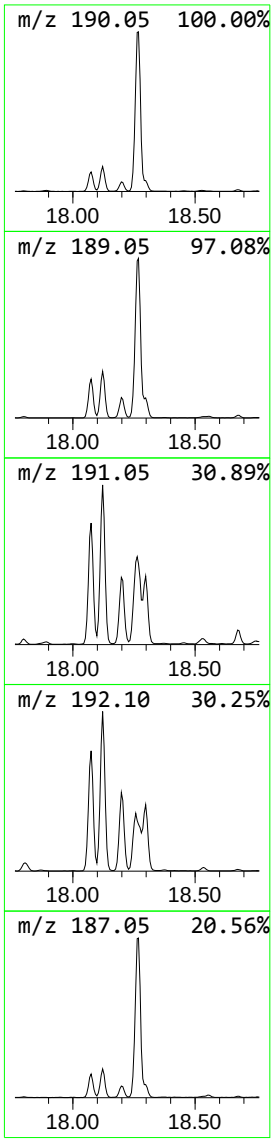
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	57.20 ng	7871490	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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TIC Library : C:\Database\NIST20.L
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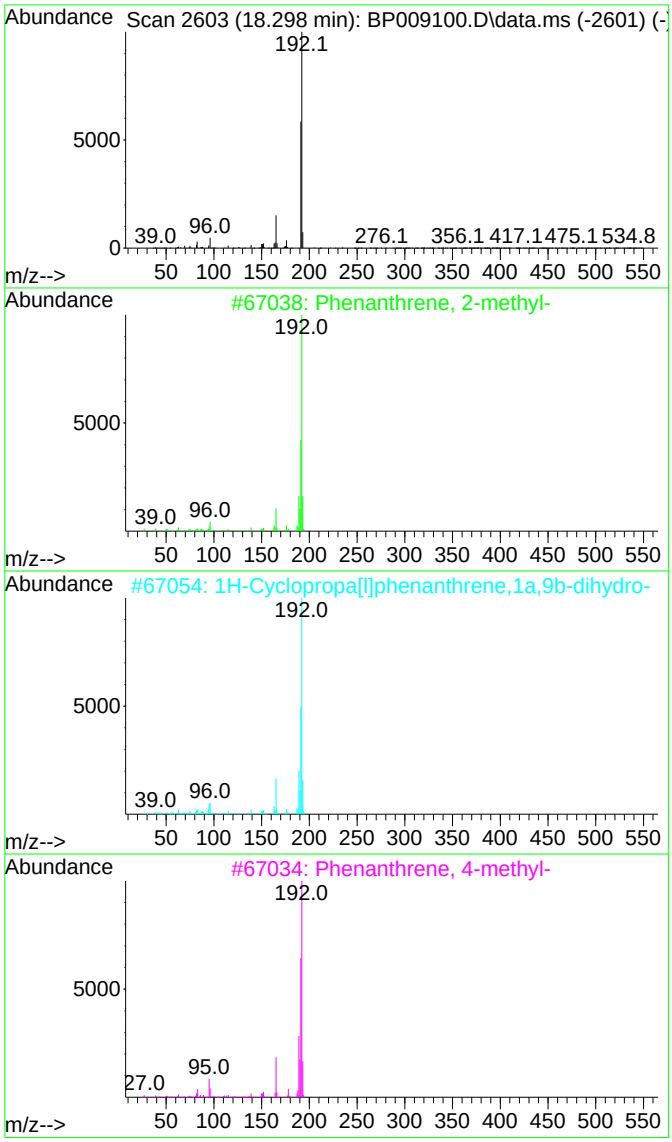
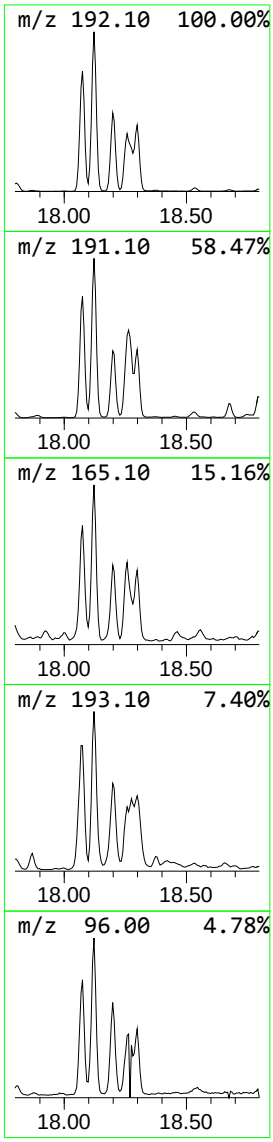
Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	12.44 ng	1712100	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86





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BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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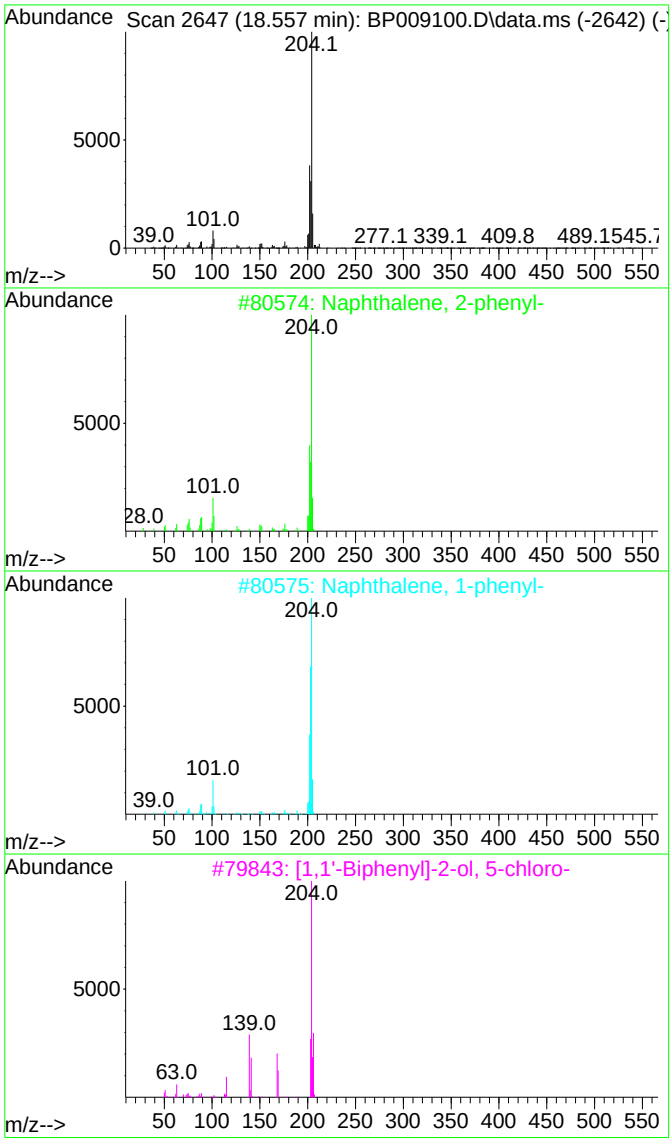
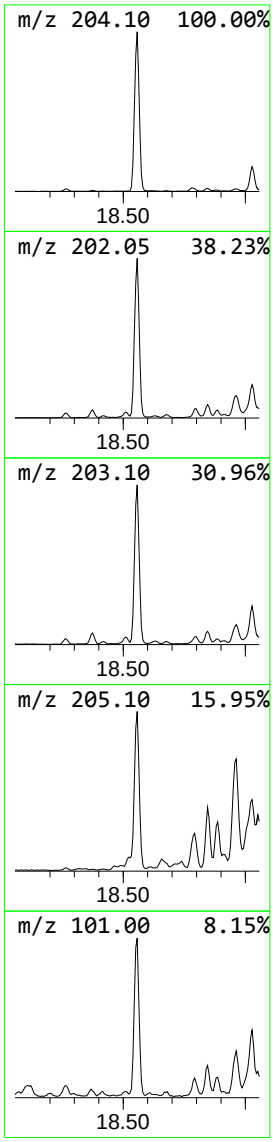
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	18.27 ng	2514260	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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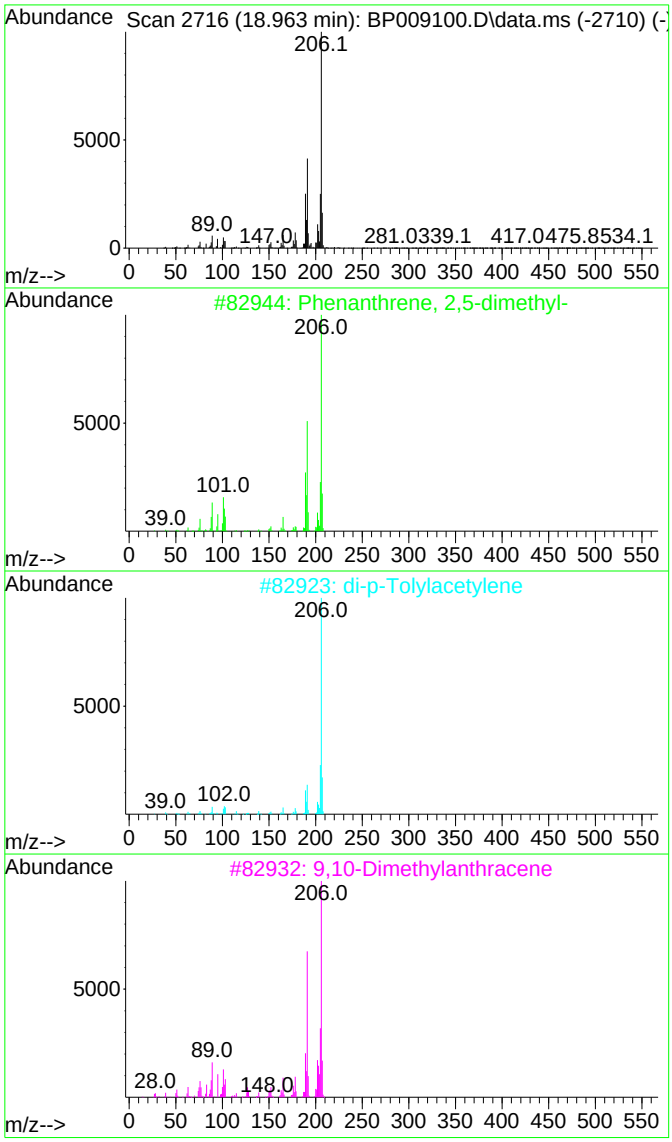
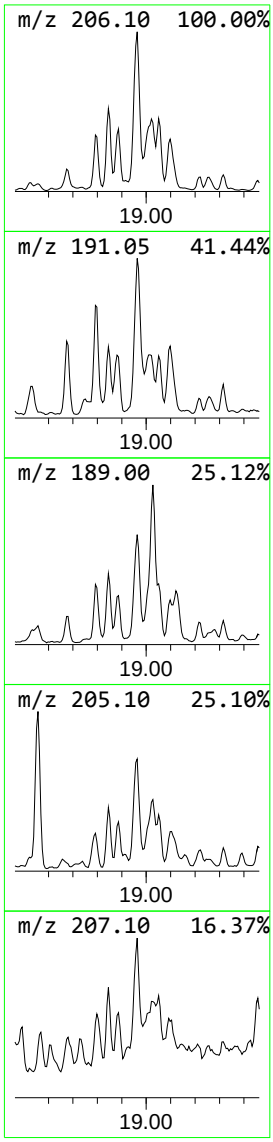
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	12.33 ng	1696130	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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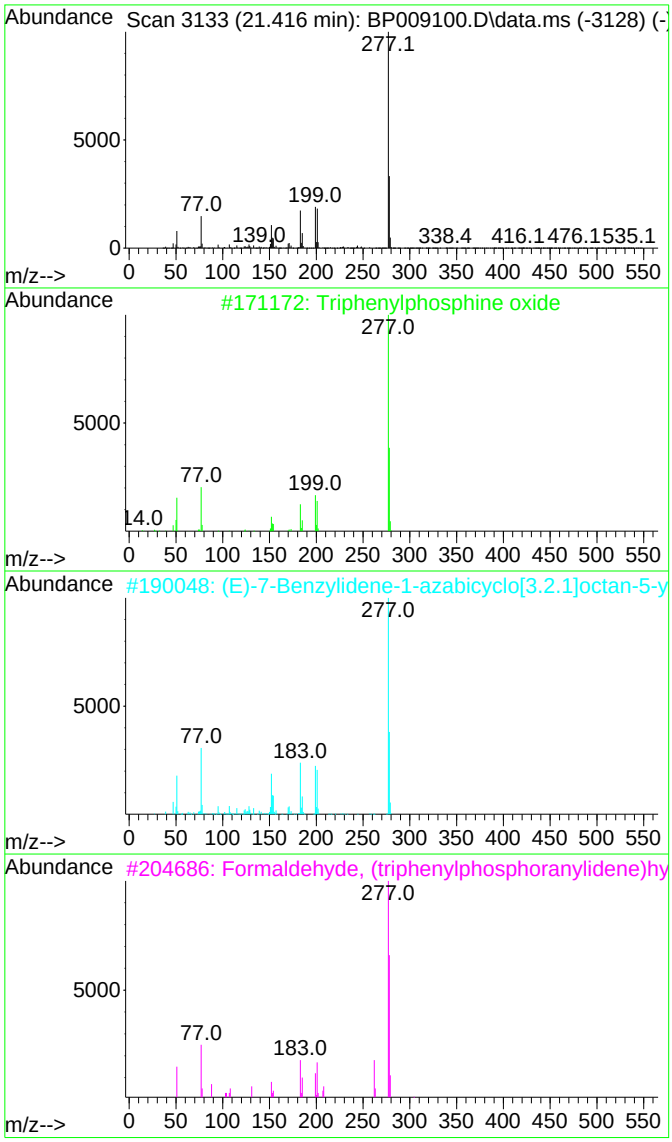
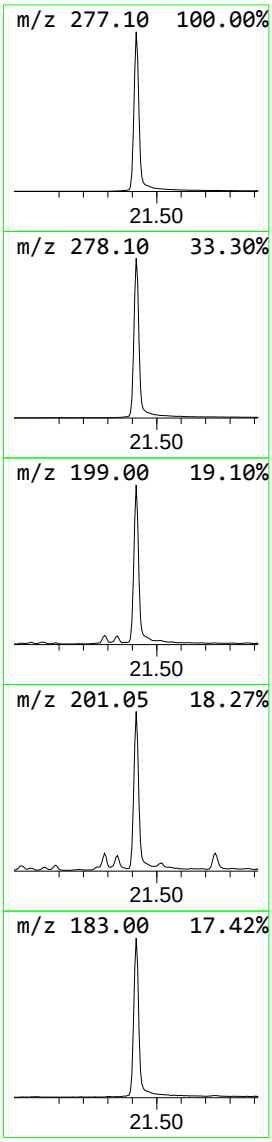
Peak Number 19 Triphenylphosphine oxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.416	16.56 ng	10686400	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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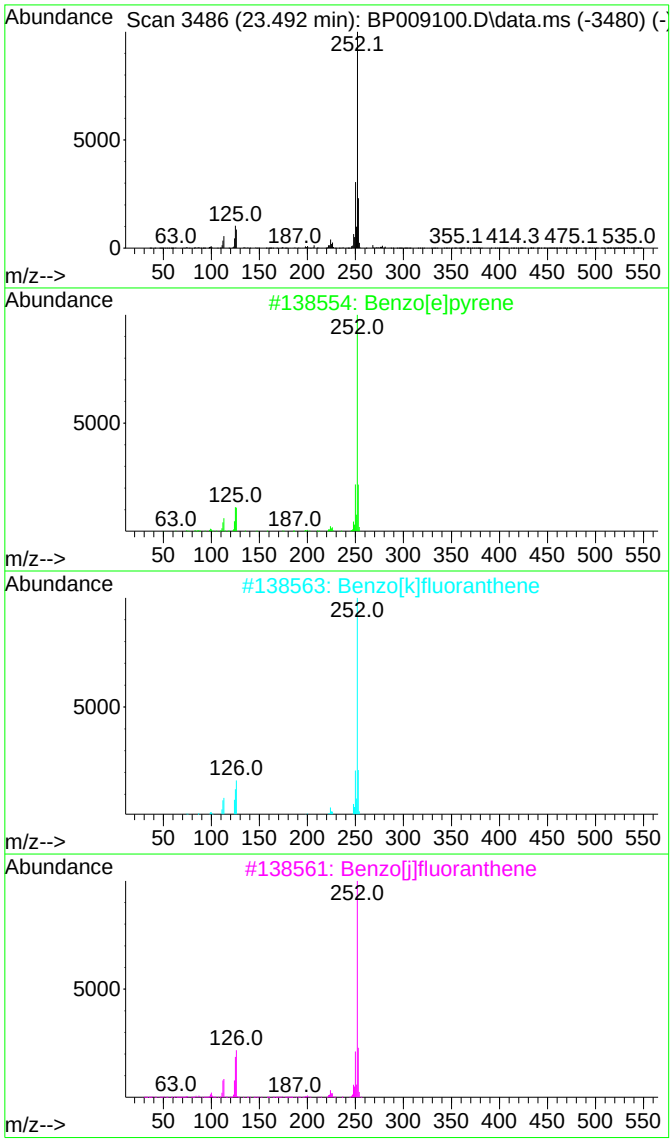
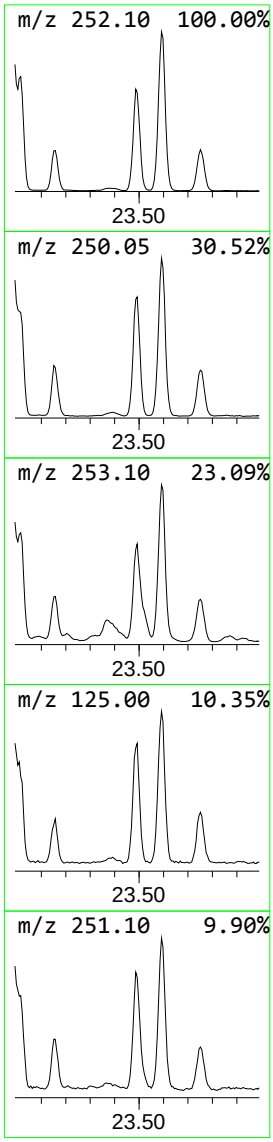
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.492	22.99 ng	2747020	Perylene-d12	23.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009100.D
Acq On : 10 Feb 2022 15:34
Operator : CG/JU
Sample : N1436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Quinoline, 2-me...	12.393	9.4	ng	725536	2	10.599	1546810	20.0
Naphthalene, 2,...	13.604	11.4	ng	1867120	3	14.445	3270240	20.0
Naphthalene, 1,...	13.763	19.7	ng	3219810	3	14.445	3270240	20.0
Naphthalene, 1,...	13.816	11.0	ng	1793530	3	14.445	3270240	20.0
Naphthalene, 2,...	14.004	8.7	ng	1429340	3	14.445	3270240	20.0
Diphenylmethane	15.657	9.6	ng	1570970	3	14.445	3270240	20.0
9H-Fluoren-3-ol	15.792	14.5	ng	2375630	3	14.445	3270240	20.0
9H-Fluorene, 2-...	16.504	19.4	ng	2672450	4	17.204	2752140	20.0
4-(4-Methylphen...	16.933	9.4	ng	1290430	4	17.204	2752140	20.0
Dibenzothiophene	17.022	23.3	ng	3204740	4	17.204	2752140	20.0
Acridine	17.398	10.4	ng	1425230	4	17.204	2752140	20.0
Phenanthrene, 1...	18.075	30.9	ng	4256480	4	17.204	2752140	20.0
1H-Cyclopropa[l...	18.122	38.1	ng	5242320	4	17.204	2752140	20.0
Phenanthrene, 2...	18.198	17.0	ng	2335380	4	17.204	2752140	20.0
4H-Cyclopenta[d...	18.263	57.2	ng	7871490	4	17.204	2752140	20.0
Phenanthrene, 4...	18.298	12.4	ng	1712100	4	17.204	2752140	20.0
Naphthalene, 2-...	18.557	18.3	ng	2514260	4	17.204	2752140	20.0
Phenanthrene, 2...	18.963	12.3	ng	1696130	4	17.204	2752140	20.0
Triphenylphosph...	21.416	16.6	ng	10686400	5	21.304	12908800	20.0
Benzo[e]pyrene	23.492	23.0	ng	2747020	6	23.698	2390000	20.0