LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 358

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_G\Methods\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059911.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.806	403	411	419	rBV	616643	1013153	2.27%	0.390%
2	7.440	680	689	696	rBV	679158	1188534	2.66%	0.457%
3	9.508	1032	1041	1049	rBV	448536	847398	1.90%	0.326%
4	11.212	1325	1331	1338	rVB	1915198	3401650	7.61%	1.309%
5	12.798	1593	1601	1608	rBV	2633207	4356205	9.75%	1.676%
6	13.010	1627	1637	1644	rBV	1531555	2472128	5.53%	0.951%
7	13.562	1725	1731	1739	rVB	1203819	1812631	4.06%	0.697%
8	13.774	1760	1767	1776	rVB2	1153307	1925384	4.31%	0.741%
9	13.967	1794	1800	1810	rVB	458947	874024	1.96%	0.336%
10	14.114	1815	1825	1833	rBV2	949769	2557792	5.73%	0.984%
11	14.261	1842	1850	1855	rBV	1353468	2593002	5.80%	0.998%
12	14.314	1855	1859	1867	rVB	1052852	1608915	3.60%	0.619%
13	14.496	1879	1890	1893	rBV2	627596	1005326	2.25%	0.387%
14	14.667	1913	1919	1926	rVB4	391785	807279	1.81%	0.311%
15	14.902	1953	1959	1963	rBV	588379	868037	1.94%	0.334%
16	15.019	1971	1979	1987	rVV	5368205	8071674	18.07%	3.105%
17	15.131	1993	1998	2007	rVB2	276755	675903	1.51%	0.260%
18	15.242	2007	2017	2025	rBV2	369362	794109	1.78%	0.306%
19	15.348	2025	2035	2040	rVV	3994713	6684839	14.96%	2.572%
20	15.395	2040	2043	2052	rVB	512448	708431	1.59%	0.273%
21	15.530	2059	2066	2072	rBV2	403060	771375	1.73%	0.297%
22	15.589	2072	2076	2081	rVB	402374	524704	1.17%	0.202%
23	15.707	2088	2096	2099	rBV	356127	739743	1.66%	0.285%
24	16.000	2137	2146	2154	rBV	7235329	11279654	25.25%	4.339%
25	16.077	2154	2159	2161	rBV2	463986	696791	1.56%	0.268%
26	16.106	2161	2164	2167	rVV2	501811	814518	1.82%	0.313%
27	16.147	2167	2171	2176	rVB2	716117	1168546	2.62%	0.450%
28	16.235	2182	2186	2188	rBV2	444215	641550	1.44%	0.247%
29	16.271	2188	2192	2198	rVB	1527816	2236621	5.01%	0.860%
30	16.429	2211	2219	2229	rBV3	2193887	4955720	11.09%	1.907%
31	16.982	2301	2313	2318	rBV2	1365044	2816734	6.31%	1.084%
32	17.034	2318	2322	2326	rVV2	545497	742181	1.66%	0.286%
33	17.134	2332	2339	2343	rVB4	483338	952512	2.13%	0.366%
34	17.199	2343	2350	2353	rVV4	682880	1354218	3.03%	0.521%
35	17.240	2353	2357	2361	rVV3	673984	1143159	2.56%	0.440%
36	17.328	2365	2372	2373	rVV4	231948	456379	1.02%	0.176%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 358

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_G\Methods\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.358	2374	2377	2380	rVV	332237	480572	1.08%	0.185%
38	17.399	2380	2384	2397	rVV2	678567	1569205	3.51%	0.604%
39	17.516	2397	2404	2410	rVB	1179487	1858475	4.16%	0.715%
40	17.775	2428	2448	2453	rBV	23012144	44672479	100.00%	17.186%
41	17.845	2453	2460	2466	rBV	3529653	5408401	12.11%	2.081%
42	18.110	2495	2505	2516	rVB3	980546	2773260	6.21%	1.067%
43	18.204	2516	2521	2525	rBV	517337	836699	1.87%	0.322%
44	18.515	2567	2574	2577	rBV6	280696	511053	1.14%	0.197%
45	18.568	2577	2583	2587	rVV	2676704	4013411	8.98%	1.544%
46	18.621	2587	2592	2597	rVB	3743616	5208924	11.66%	2.004%
47	18.697	2597	2605	2610	rBV	1436845	2246043	5.03%	0.864%
48	18.774	2610	2618	2629	rVB3	4045852	9014525	20.18%	3.468%
49	19.056	2660	2666	2671	rVB	1615824	2273200	5.09%	0.875%
50	19.120	2672	2677	2681	rVV	636152	877543	1.96%	0.338%
51	19.291	2702	2706	2710	rVB2	409373	559596	1.25%	0.215%
52	19.338	2710	2714	2717	rVB	465489	515153	1.15%	0.198%
53	19.455	2729	2734	2739	rBV2	1053419	1679219	3.76%	0.646%
54	19.526	2740	2746	2750	rVV2	537699	1265326	2.83%	0.487%
55	19.631	2760	2764	2768	rVV	614828	1051746	2.35%	0.405%
56	19.766	2775	2787	2793	rVV	15517229	27239157	60.98%	10.479%
57	19.819	2793	2796	2804	rVB5	336999	637367	1.43%	0.245%
58	19.984	2820	2824	2833	rVB4	396630	946003	2.12%	0.364%
59	20.078	2833	2840	2841	rBV	2936176	4299491	9.62%	1.654%
60	20.125	2843	2848	2852	rVV	10508701	16576327	37.11%	6.377%
61	20.160	2852	2854	2858	rVB	807239	867159	1.94%	0.334%
62	20.272	2868	2873	2877	rBV2	2739004	3564689	7.98%	1.371%
63	20.413	2890	2897	2903	rVB2	1130848	2432663	5.45%	0.936%
64	20.583	2913	2926	2933	rVB	2661614	5074496	11.36%	1.952%
65	20.683	2936	2943	2946	rBV	2645067	3869379	8.66%	1.489%
66	20.742	2951	2953	2956	rVB	724098	734701	1.64%	0.283%
67	20.812	2962	2965	2970	rVB3	323204	464593	1.04%	0.179%
68	20.883	2973	2977	2981	rVV	547831	891134	1.99%	0.343%
69	20.930	2982	2985	2992	rVB2	569426	918128	2.06%	0.353%
70	21.318	3046	3051	3055	rBV2	253339	521432	1.17%	0.201%
71	21.376	3056	3061	3066	rVB2	465559	861554	1.93%	0.331%
72	21.576	3085	3095	3099	rBV4	820097	2085420	4.67%	0.802%
73	21.617	3099	3102	3106	rVV	758867	1179695	2.64%	0.454%
74	21.676	3106	3112	3116	rVV2	599034	1274358	2.85%	0.490%
75	21.741	3120	3123	3129	rVB2	474738	778818	1.74%	0.300%
76	22.017	3160	3170	3176	rBV	3364060	7233899	16.19%	2.783%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

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_G\Methods\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.087	3177	3182	3188	rVB	2391283	4049129	9.06%	1.558%
78	22.246	3204	3209	3217	rBV	527551	879279	1.97%	0.338%
79	22.810	3301	3305	3311	rVB	516191	963524	2.16%	0.371%
80	22.886	3314	3318	3326	rVB2	269378	603684	1.35%	0.232%
81	23.568	3428	3434	3442	rBV6	276017	629473	1.41%	0.242%
82	24.467	3574	3587	3593	rBV	1021941	3842008	8.60%	1.478%
83	24.731	3626	3632	3638	rVB	195948	463837	1.04%	0.178%
84	25.266	3715	3723	3736	rVB	477625	1497267	3.35%	0.576%
85	25.436	3742	3752	3763	rVB	756799	2179653	4.88%	0.839%

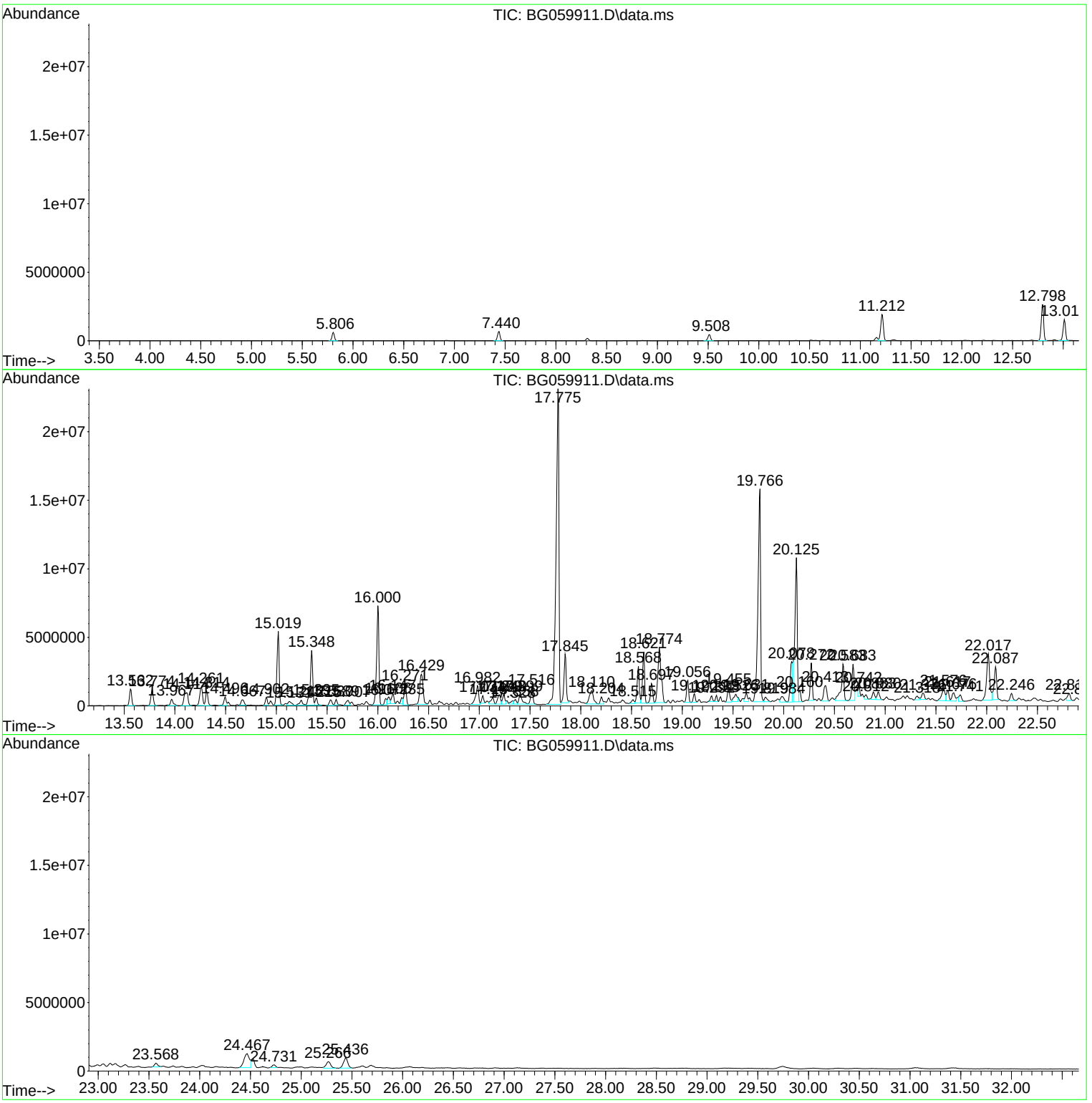
Sum of corrected areas: 259933966

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.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_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

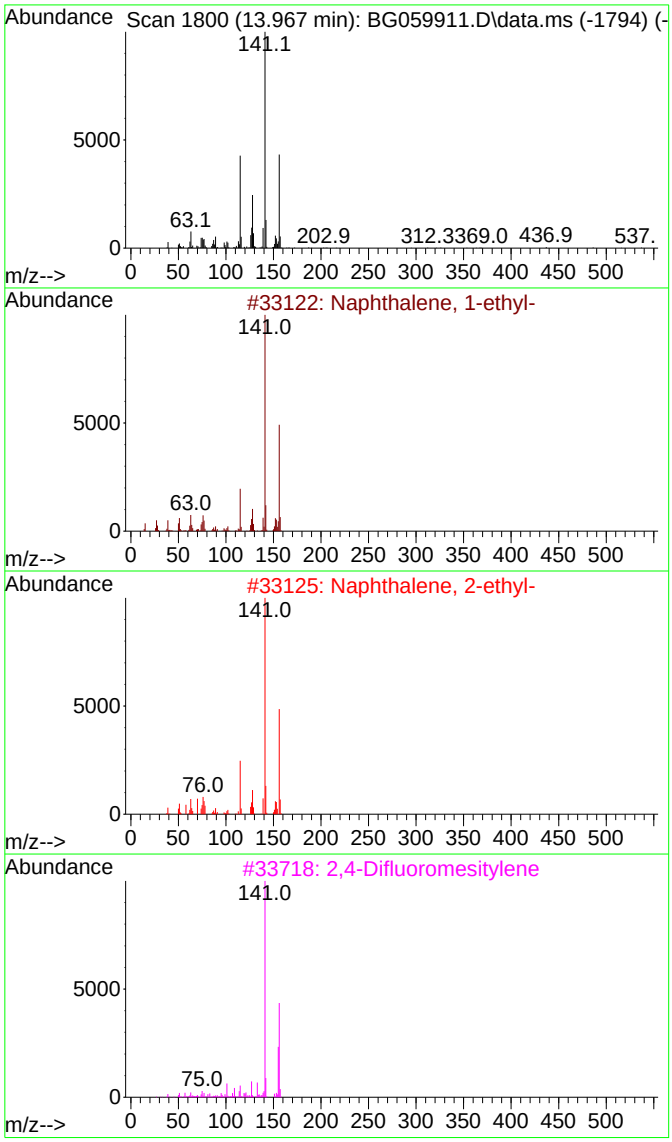
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

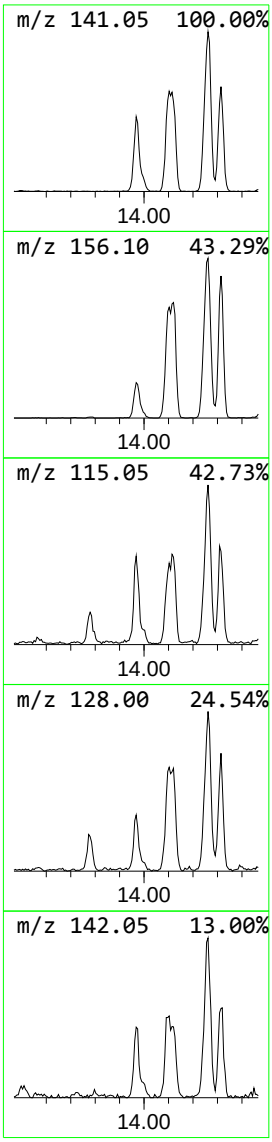
****

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.967	20.14 ng	874024	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	50
4	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	50
5	Benzaldehyde, 3-(1-naphthalenylm...	262	C18H14O2	1010338-37-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

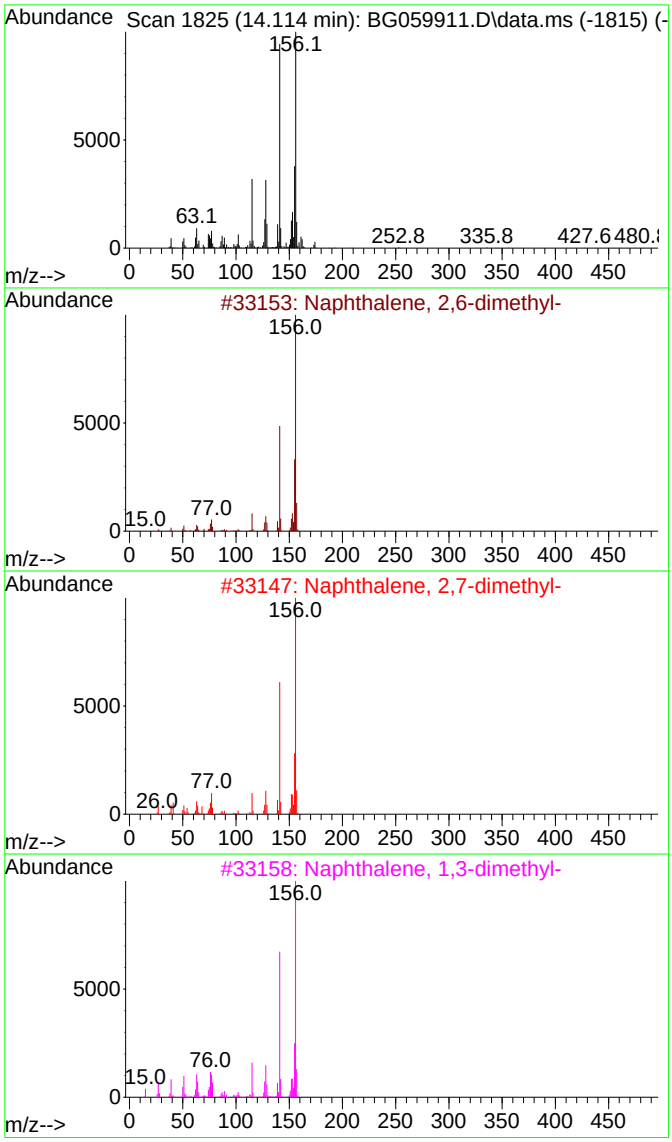
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

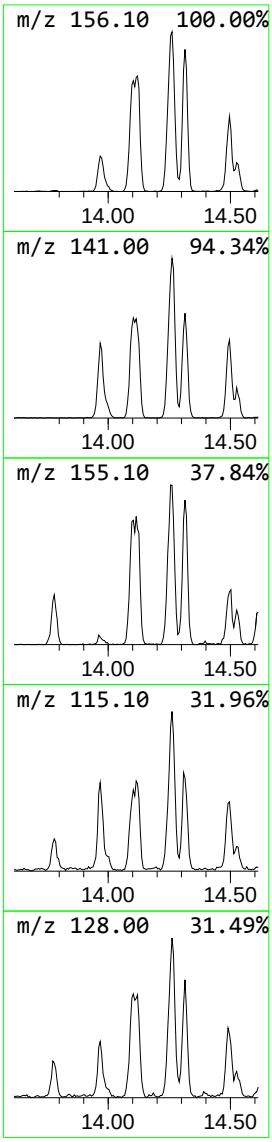
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.114	58.93 ng	2557790	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

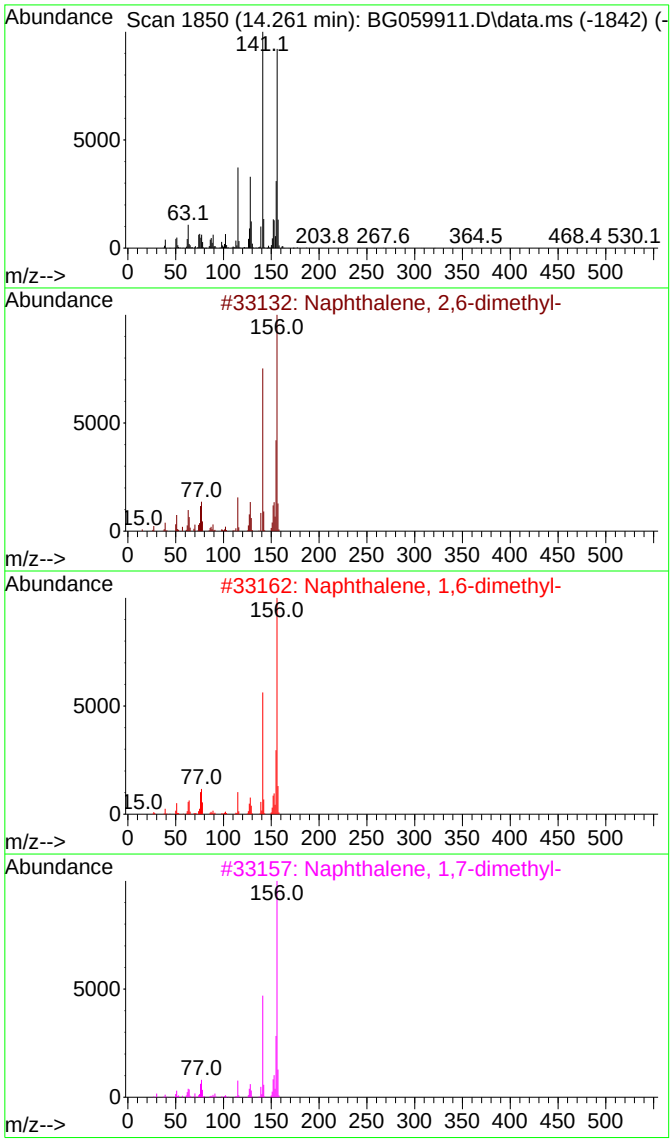
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

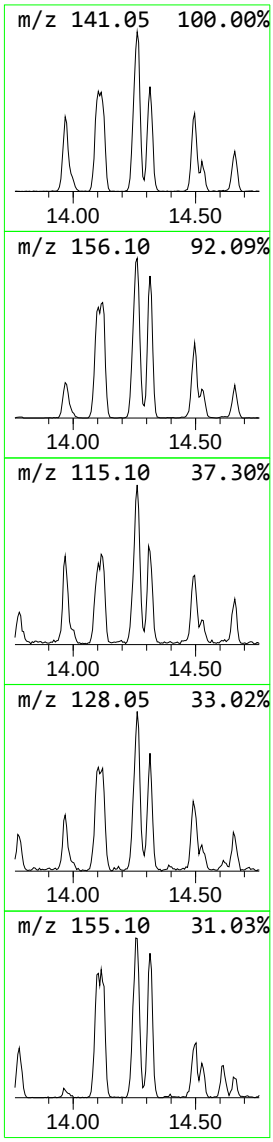
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	59.74 ng	2593000	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

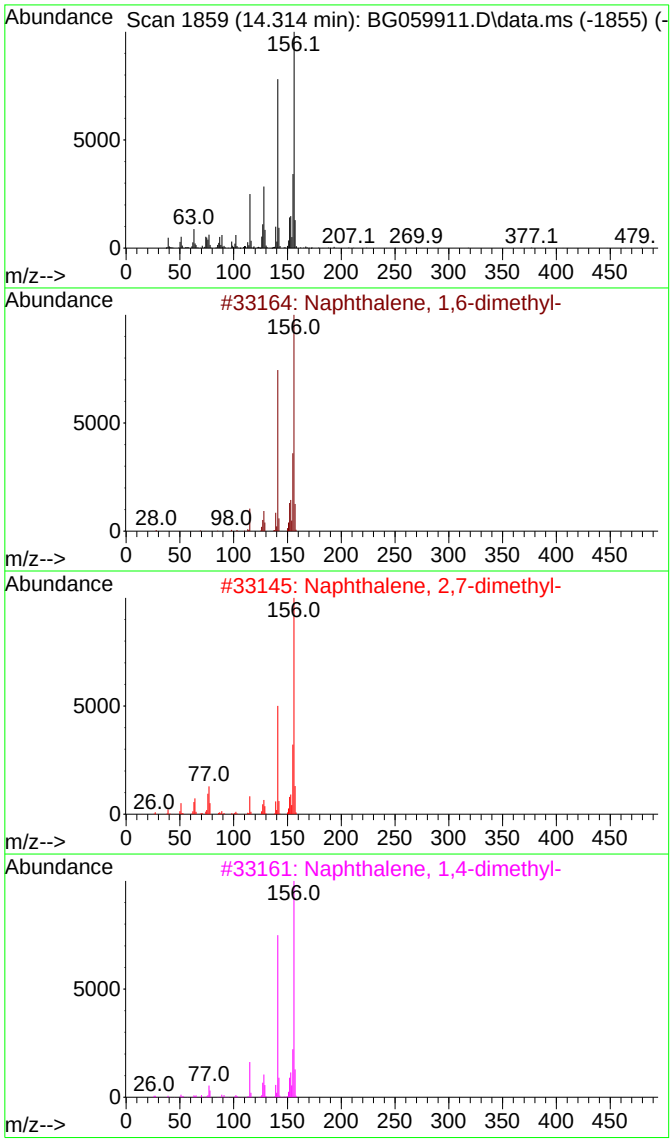
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

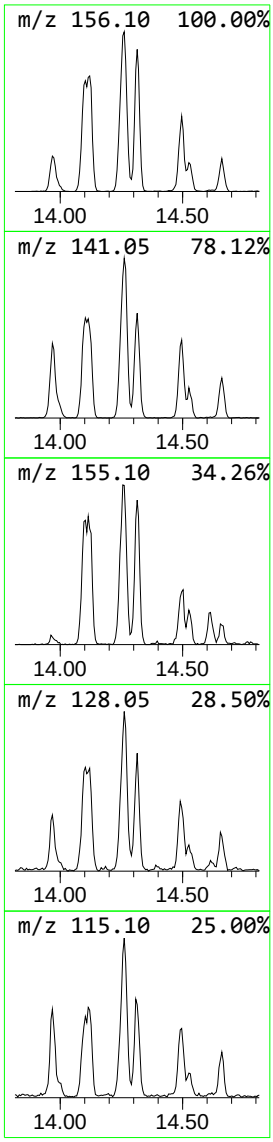
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.314	37.07 ng	1608920	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

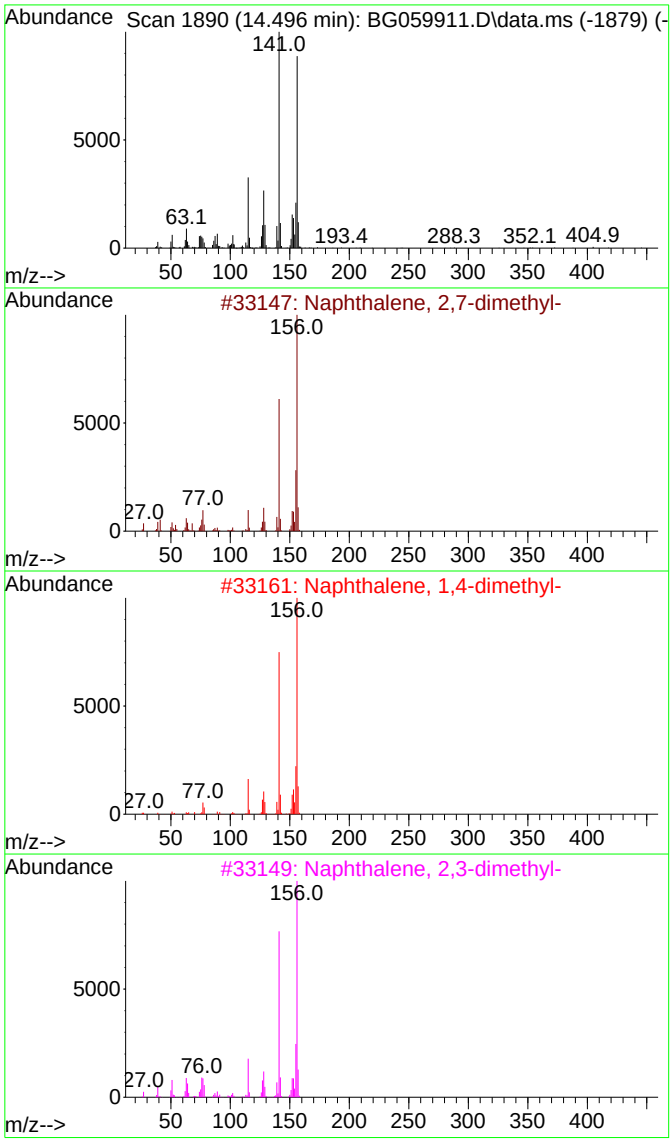
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

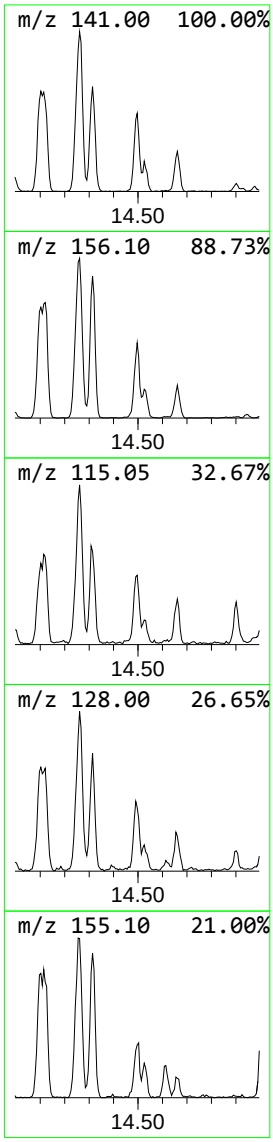
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.496	23.16 ng	1005330	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

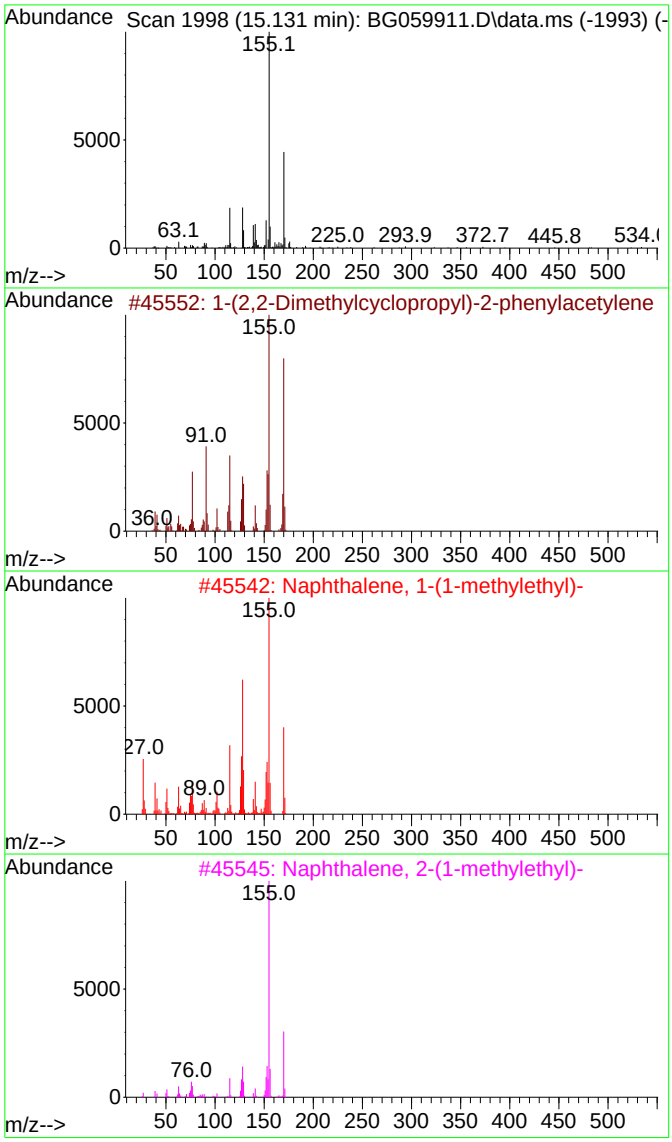
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

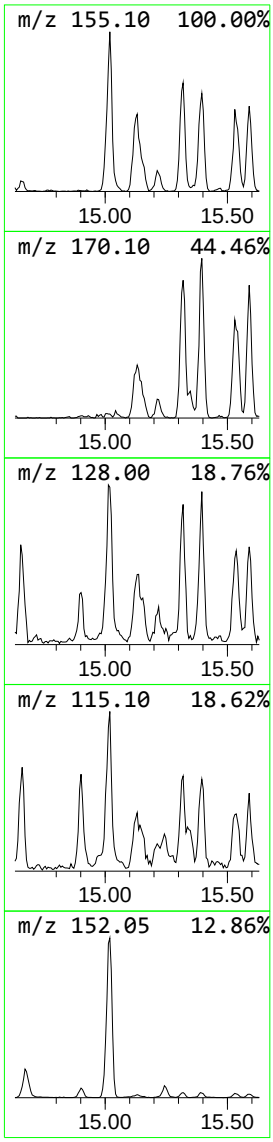
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.131	15.57 ng	675903	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	78
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	72
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64
5	1-(4-Chloro-3-hydroxyphenyl)etha...	170	C8H7ClO2	061124-56-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

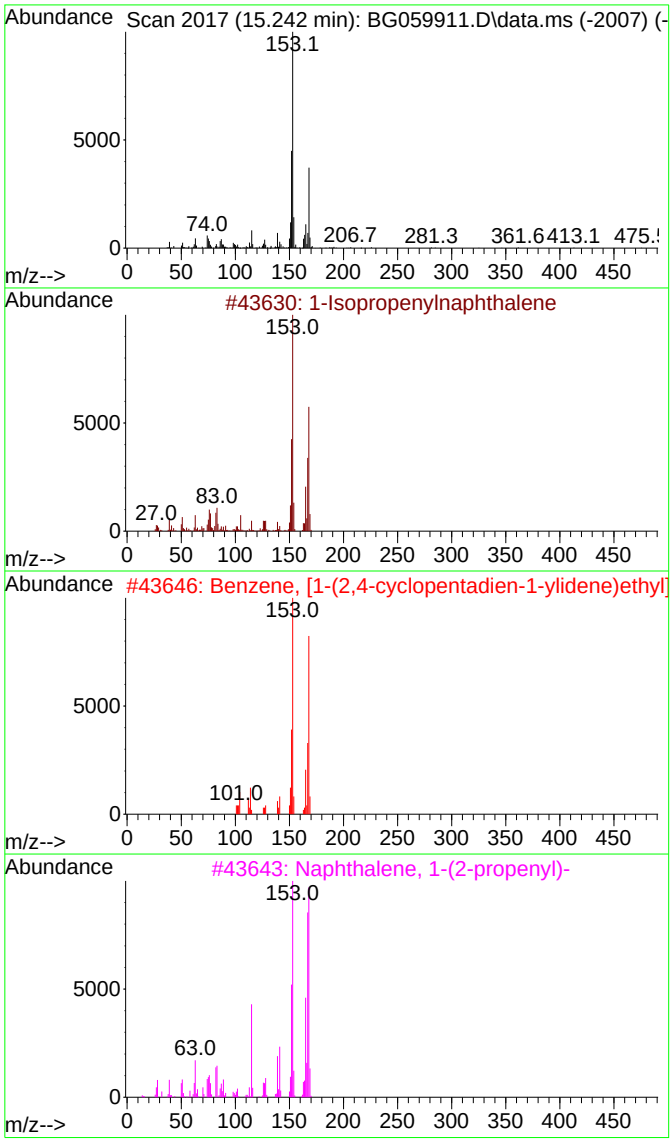
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

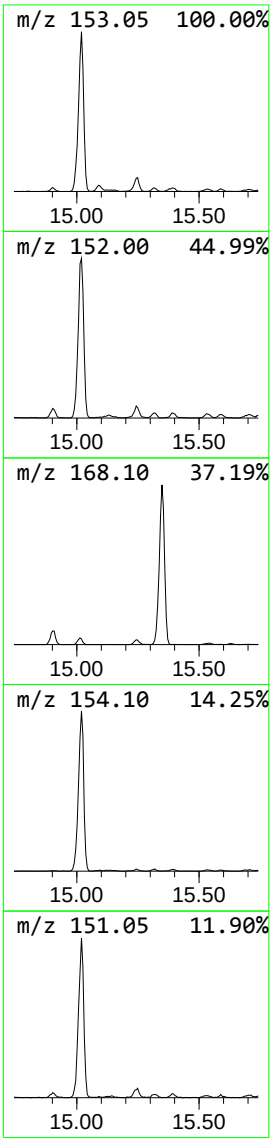
****

Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.242	18.30 ng	794109	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	50
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

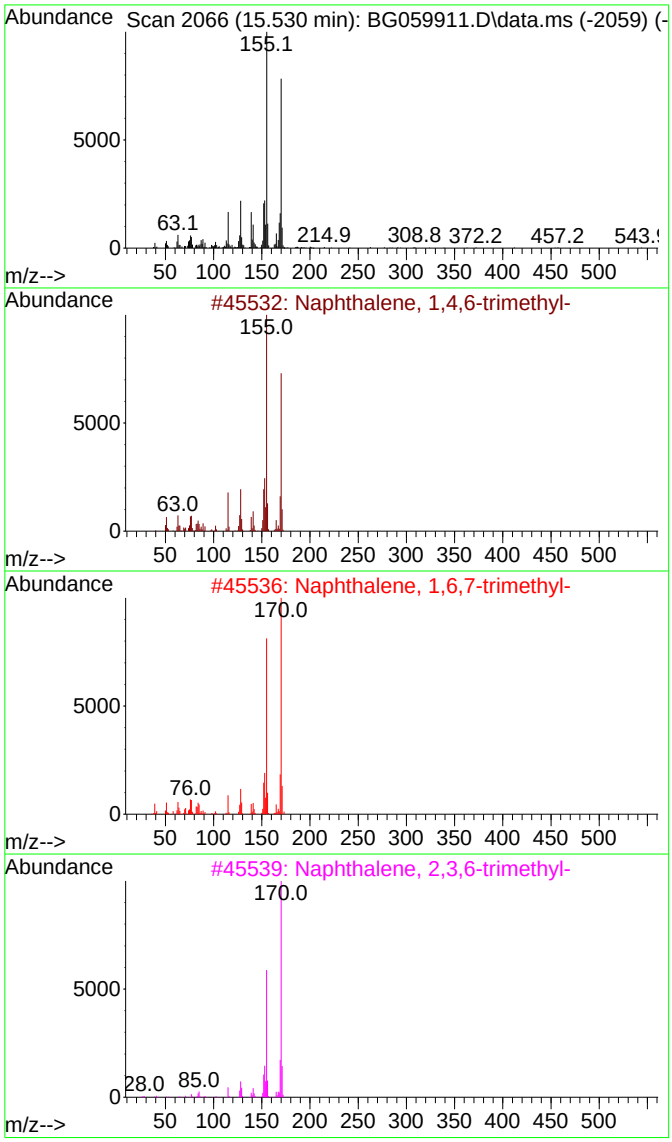
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

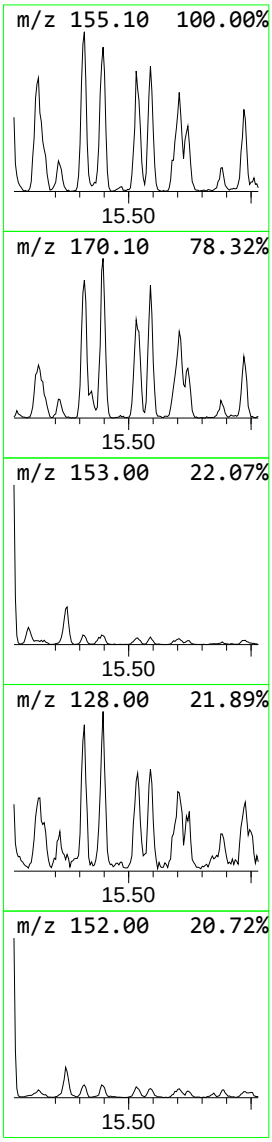
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.530	17.77 ng	771375	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

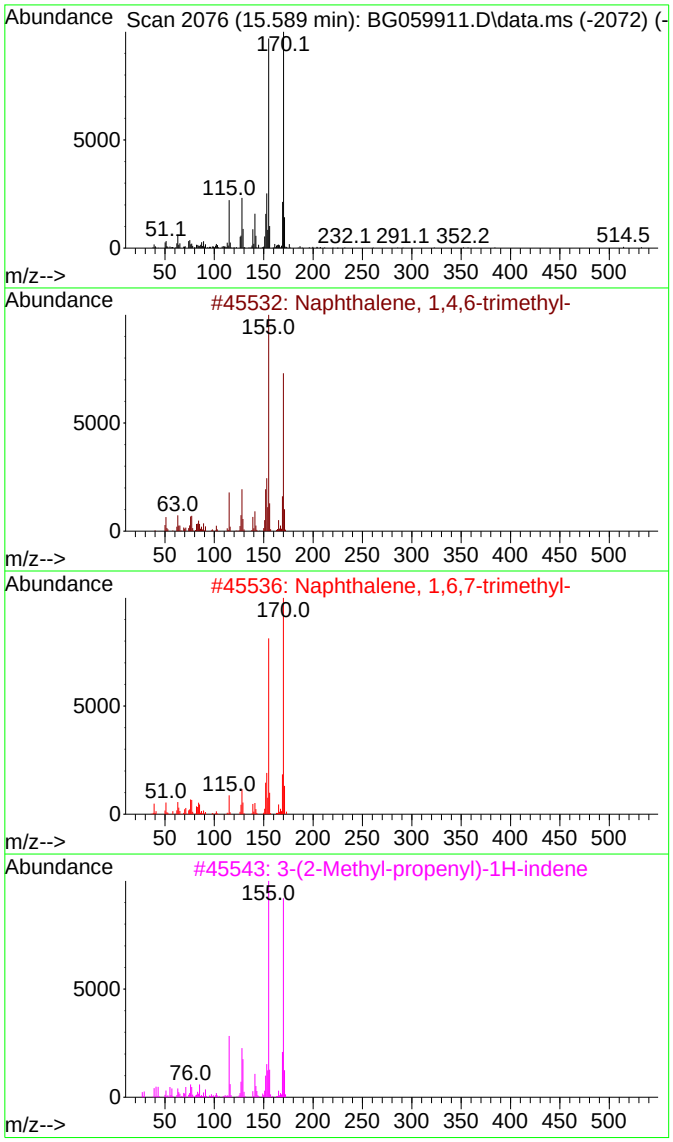
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

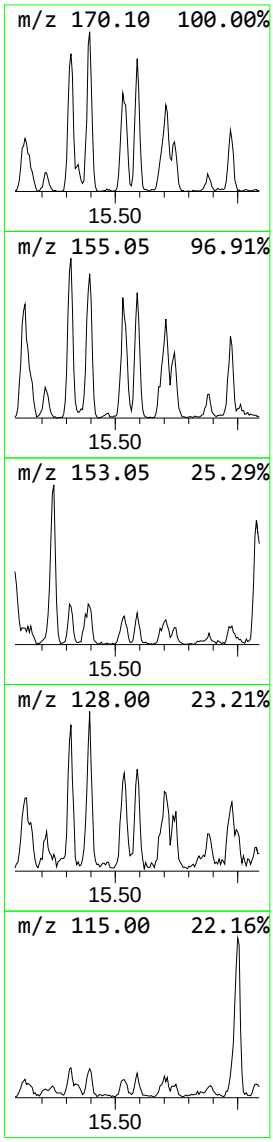
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.589	12.09 ng	524704	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

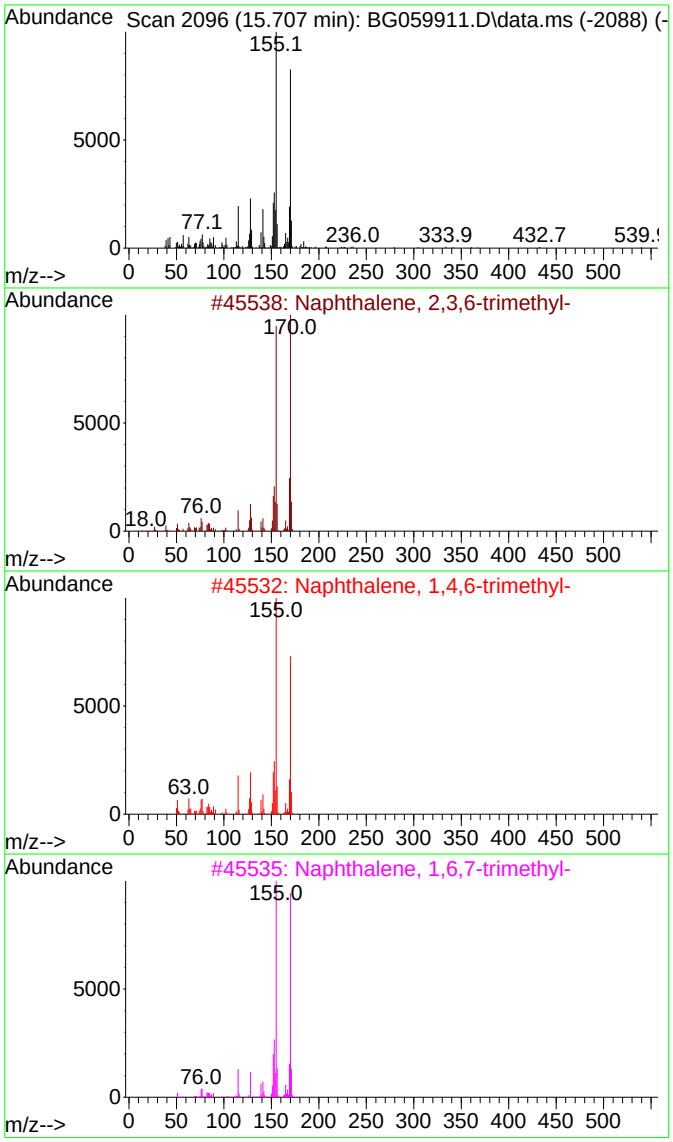
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

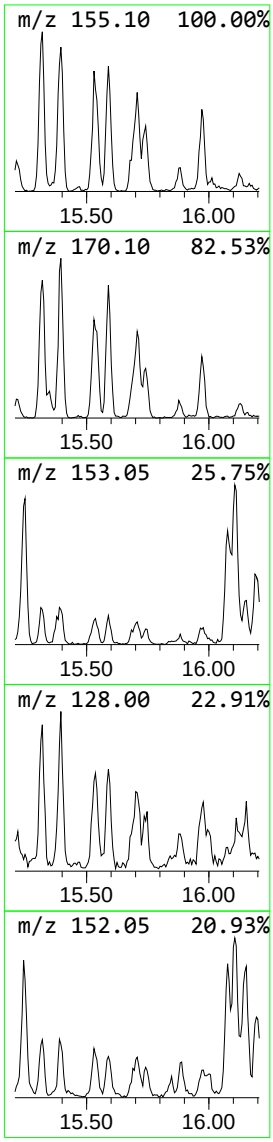
****

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	17.04 ng	739743	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

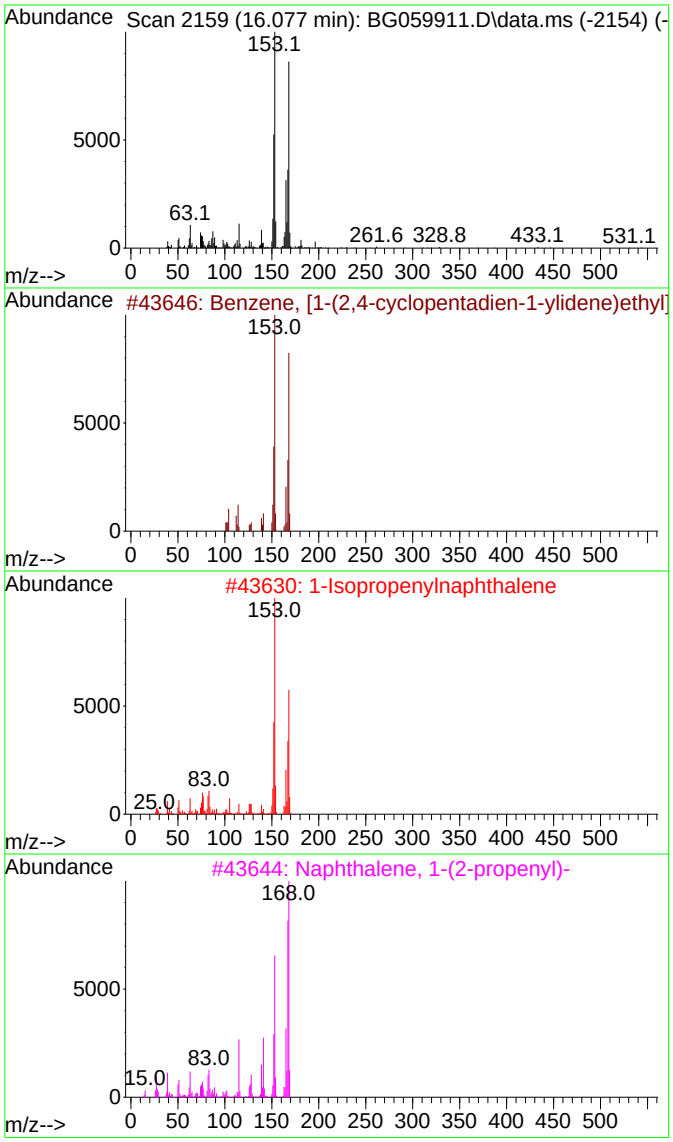
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

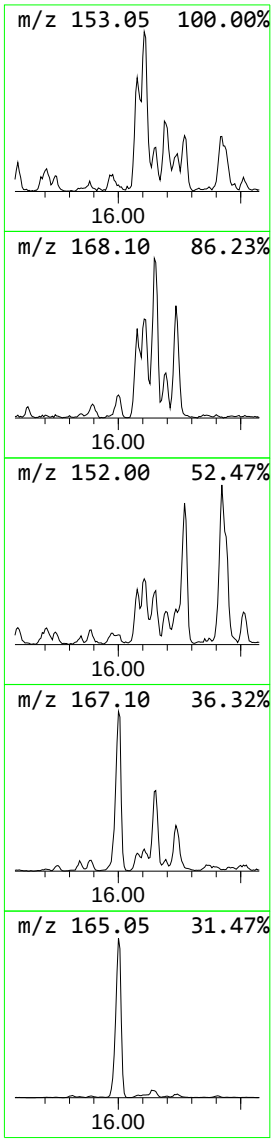
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, [1-(2,4-cyclopenta... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.077	16.05 ng	696791	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
5	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

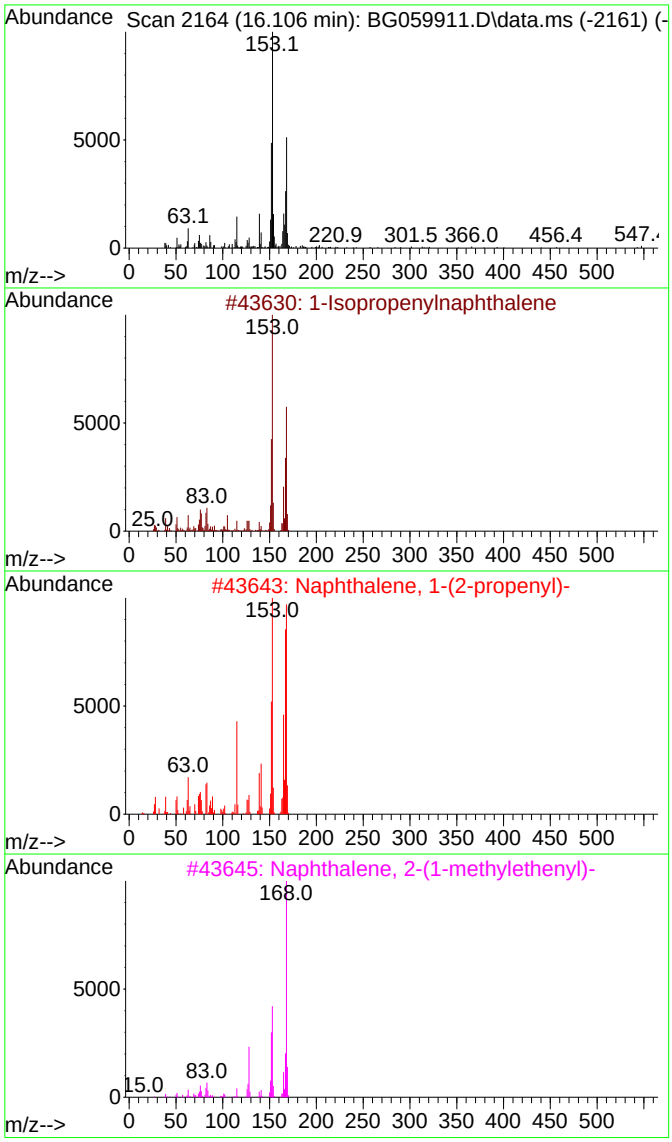
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

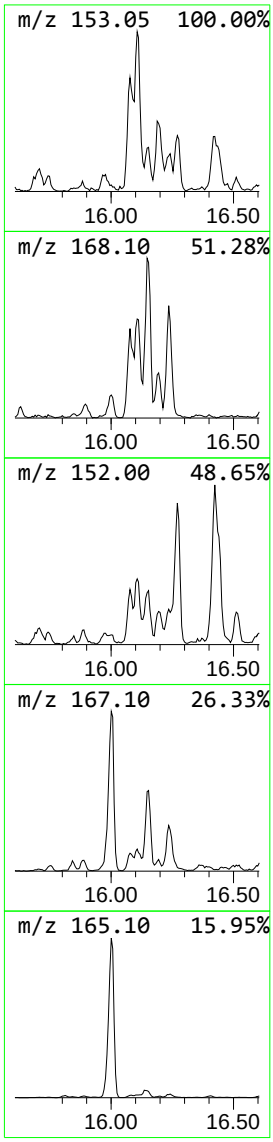
****

Peak Number 12 Naphthalene, 1-(2-propenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.106	18.77 ng	814518	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	86
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	83
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	49
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

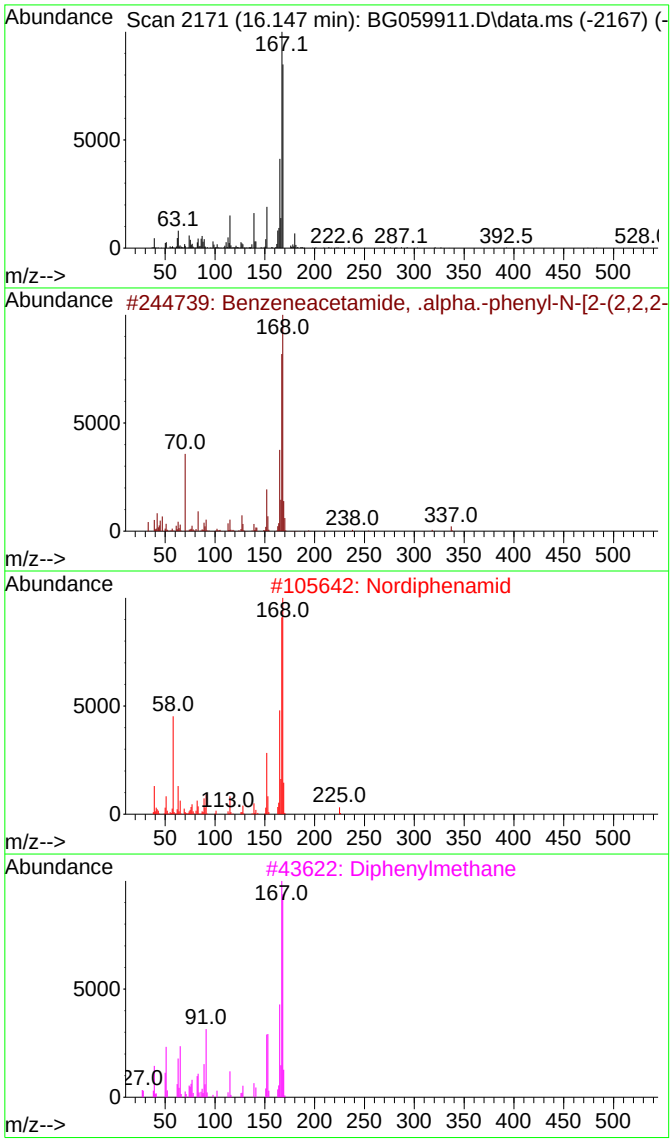
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

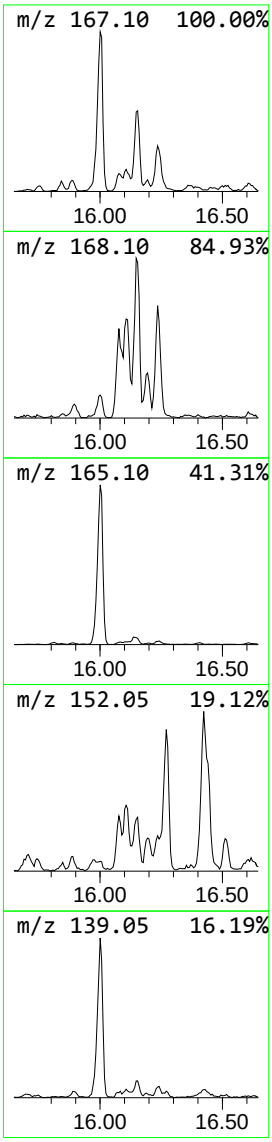
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzeneacetamide, .alpha.-p... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.147	26.92 ng	1168550	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	78
2	Nordiphenamid	225	C15H15NO	000954-21-2	72
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	64
5	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

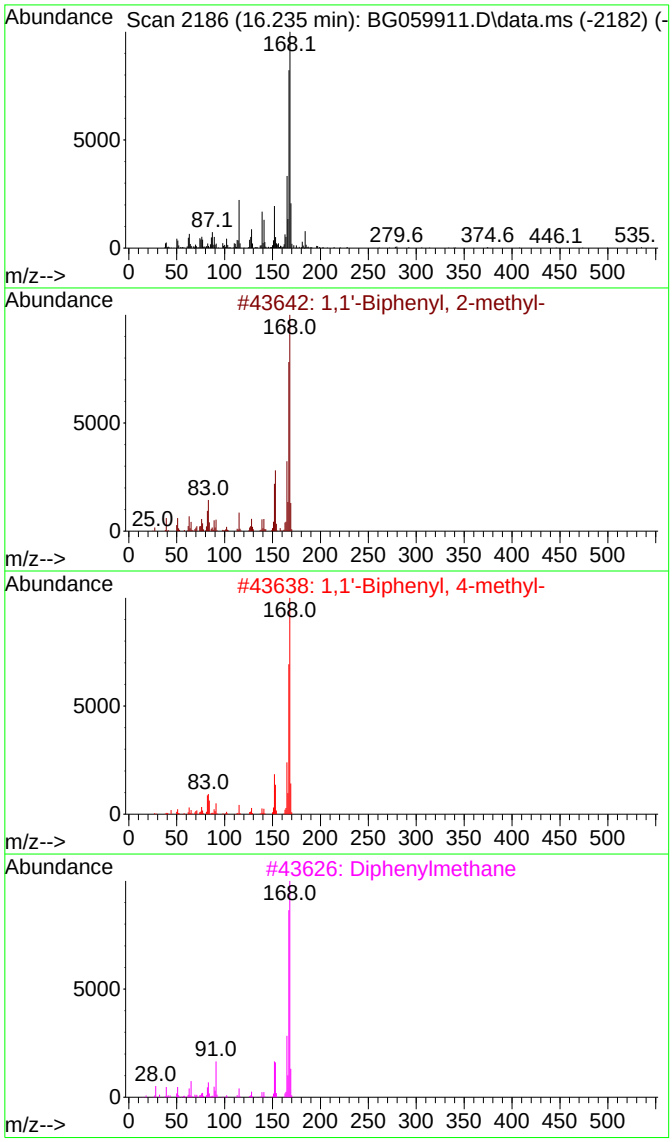
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

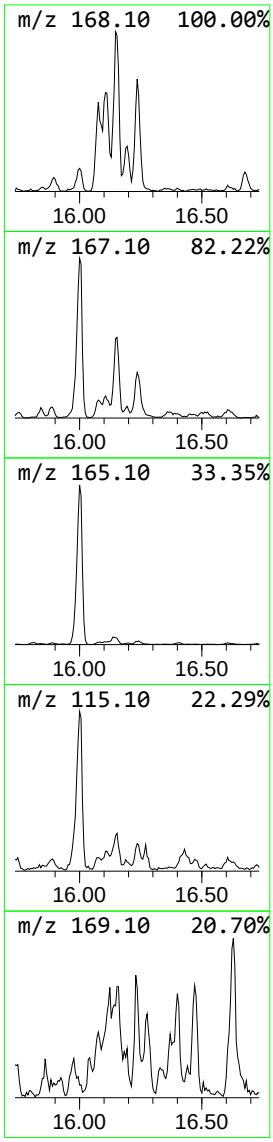
****

Peak Number 14 1,1'-Biphenyl, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.235	14.78 ng	641550	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72
3	Diphenylmethane	168	C13H12	000101-81-5	72
4	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	72
5	N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

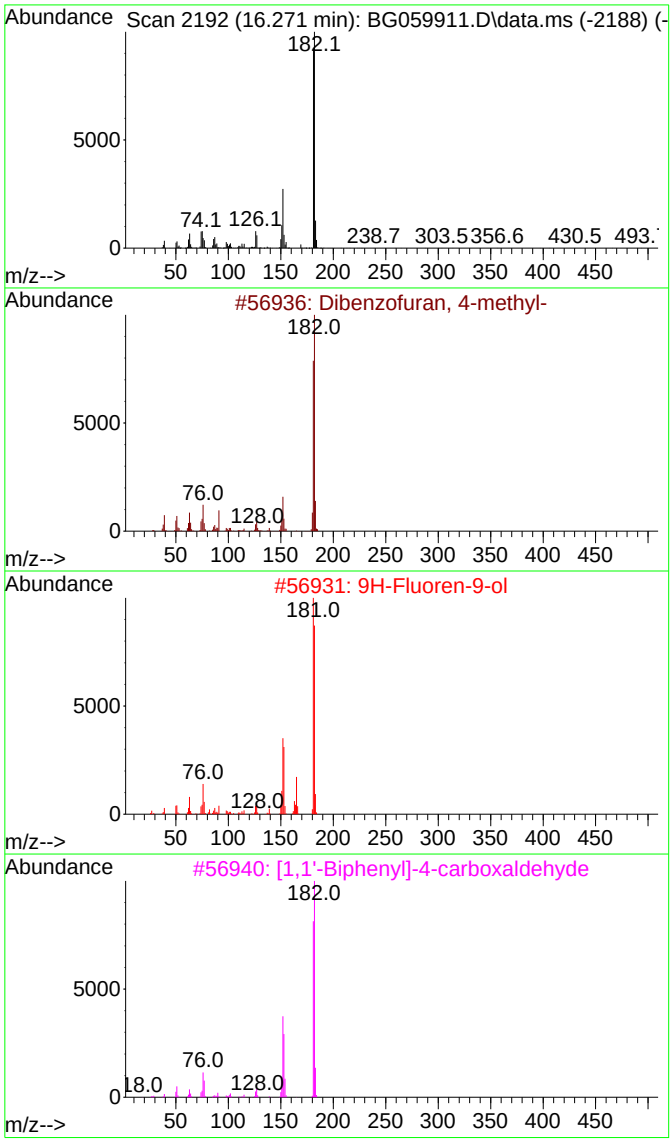
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

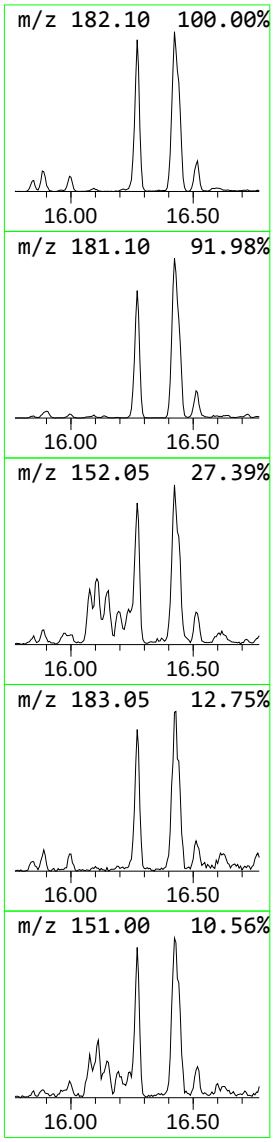
****

Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.271	51.53 ng	2236620	Acenaphthene-d10	14.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

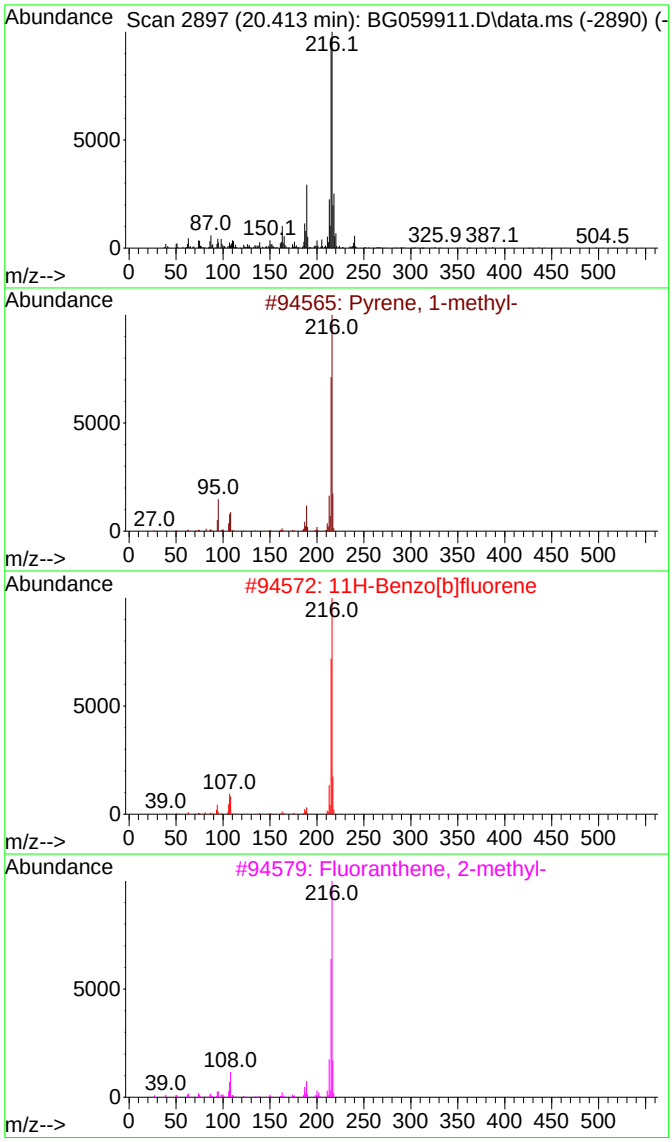
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

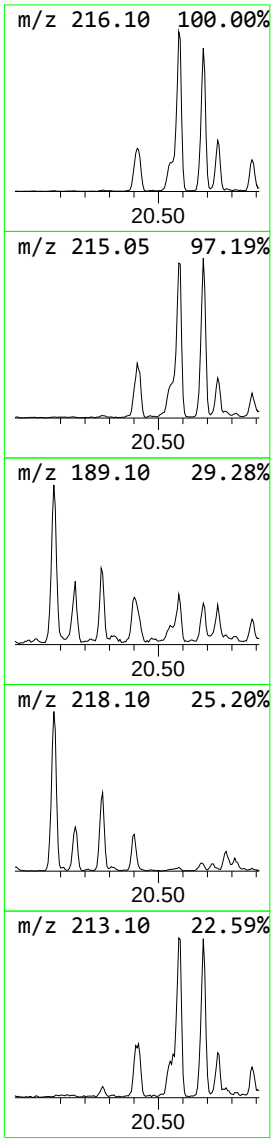
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.413	6.73 ng	2432660	Chrysene-d12	22.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

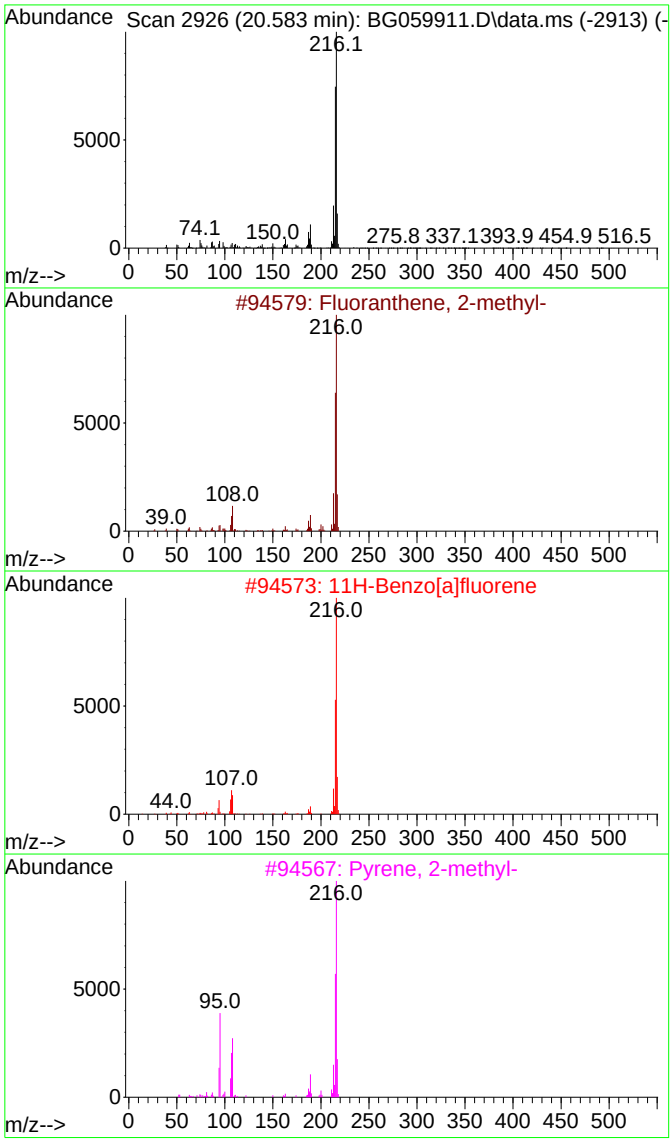
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

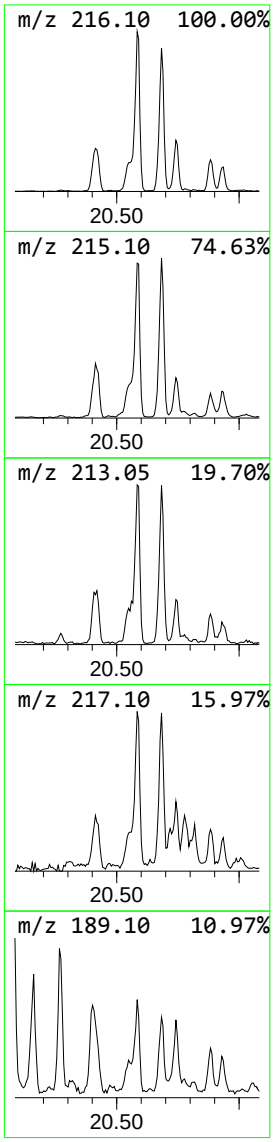
****

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.583	14.03 ng	5074500	Chrysene-d12	22.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

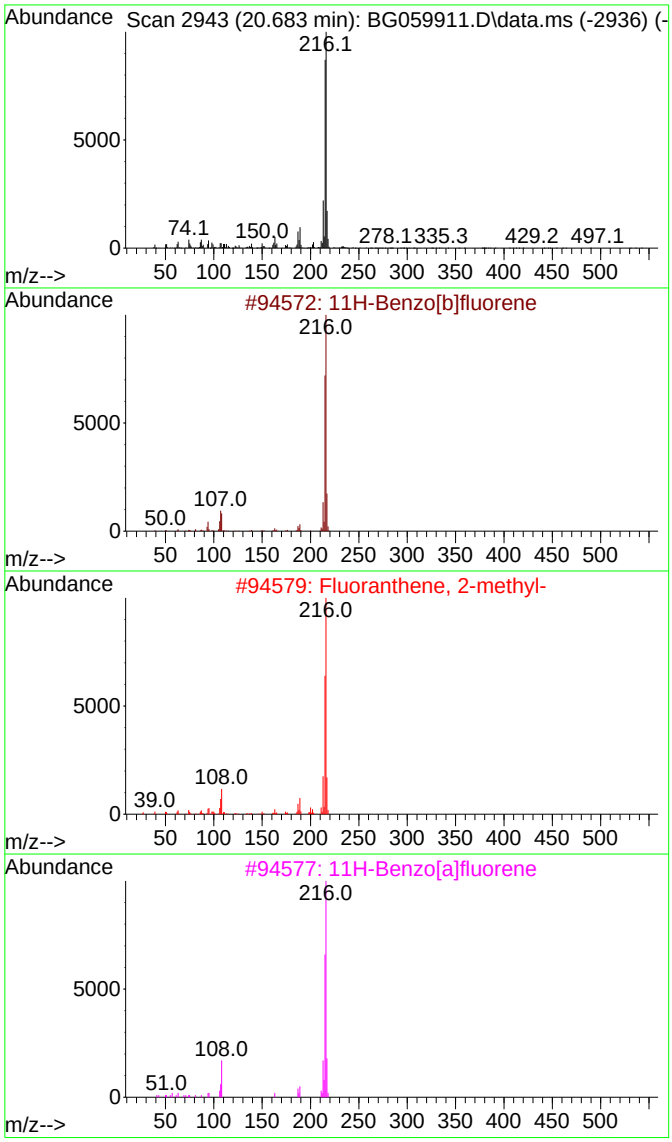
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

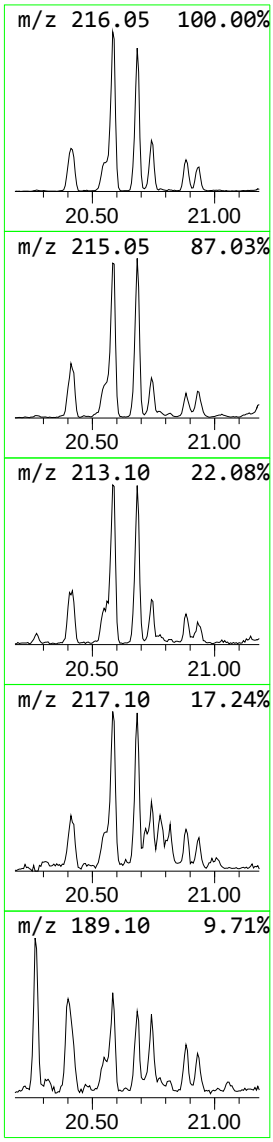
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.683	10.70 ng	3869380	Chrysene-d12	22.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

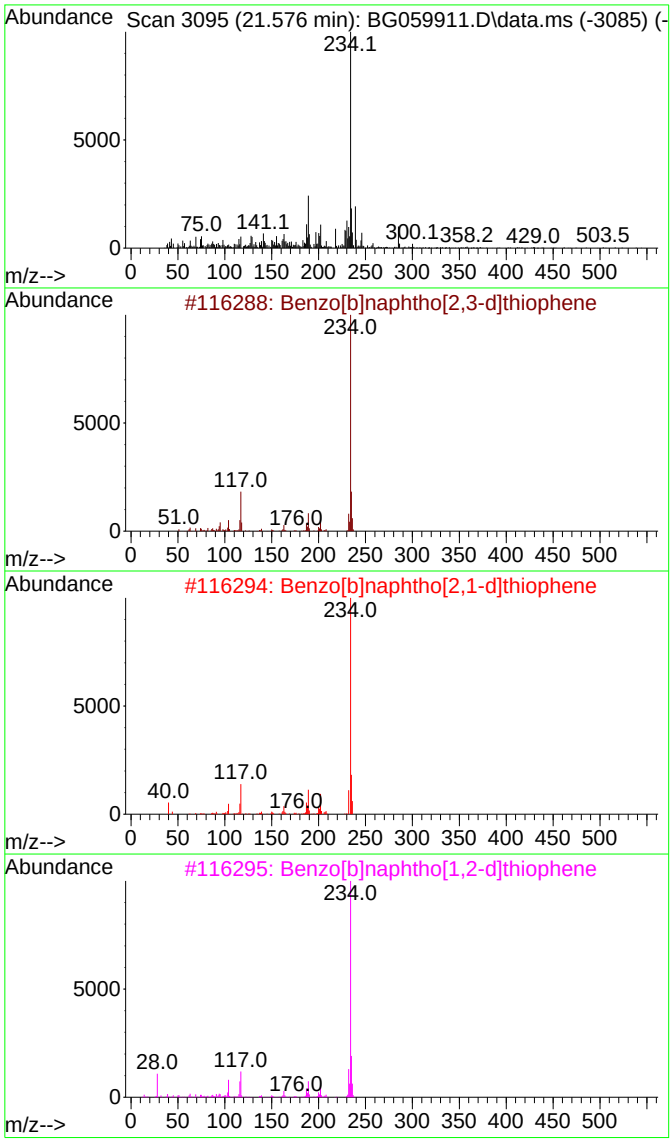
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

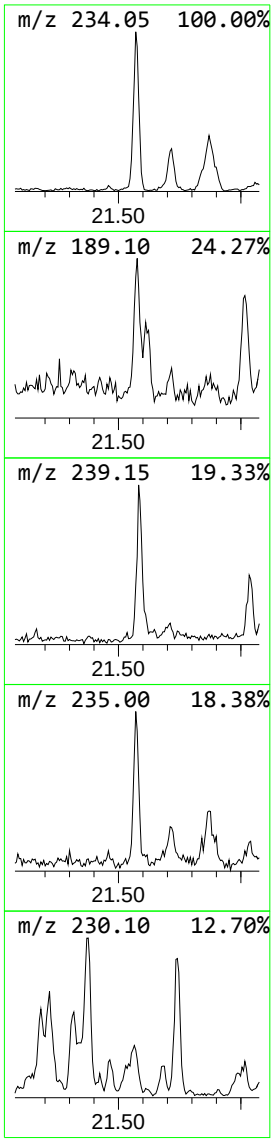
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.576	5.77 ng	2085420	Chrysene-d12	22.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	64
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

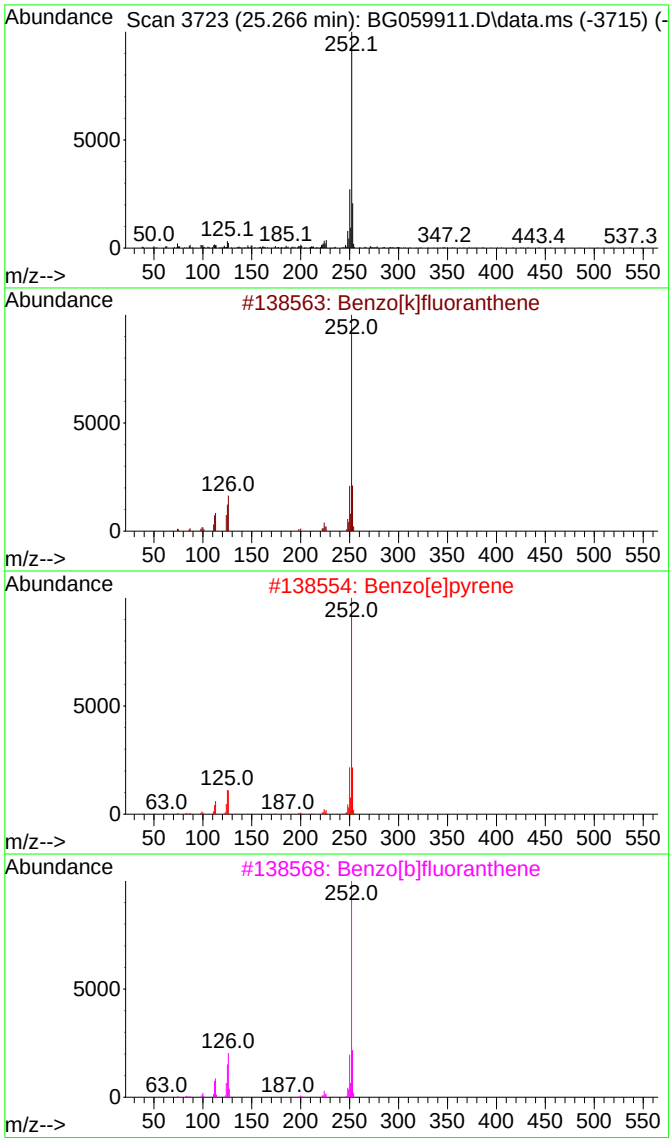
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

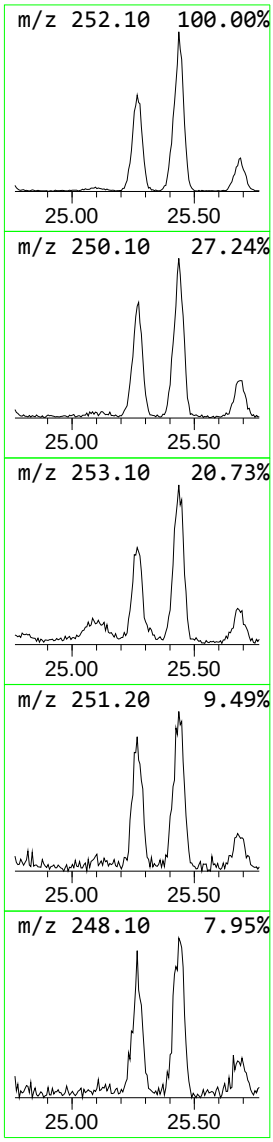
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.266	13.74 ng	1497270	Perylene-d12	25.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059911.D
Acq On : 27 Nov 2023 21:54
Operator : MA/JU
Sample : 05503-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
358

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.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
Naphthalene, 1-...	13.967	20.1	ng	874024	3	14.943	868037	20.0
Naphthalene, 2,...	14.114	58.9	ng	2557790	3	14.943	868037	20.0
Naphthalene, 1,...	14.261	59.7	ng	2593000	3	14.943	868037	20.0
Naphthalene, 2,...	14.314	37.1	ng	1608920	3	14.943	868037	20.0
Naphthalene, 1,...	14.496	23.2	ng	1005330	3	14.943	868037	20.0
1-(2,2-Dimethyl...	15.131	15.6	ng	675903	3	14.943	868037	20.0
1-Isopropenylna...	15.242	18.3	ng	794109	3	14.943	868037	20.0
Naphthalene, 1,...	15.530	17.8	ng	771375	3	14.943	868037	20.0
Naphthalene, 1,...	15.589	12.1	ng	524704	3	14.943	868037	20.0
Naphthalene, 2,...	15.707	17.0	ng	739743	3	14.943	868037	20.0
Benzene, [1-(2,...	16.077	16.1	ng	696791	3	14.943	868037	20.0
Naphthalene, 1-...	16.106	18.8	ng	814518	3	14.943	868037	20.0
Benzeneacetamid...	16.147	26.9	ng	1168550	3	14.943	868037	20.0
1,1'-Biphenyl, ...	16.235	14.8	ng	641550	3	14.943	868037	20.0
Dibenzofuran, 4...	16.271	51.5	ng	2236620	3	14.943	868037	20.0
Pyrene, 1-methyl-	20.413	6.7	ng	2432660	5	22.034	7233900	20.0
Fluoranthene, 2...	20.583	14.0	ng	5074500	5	22.034	7233900	20.0
11H-Benzo[b]flu...	20.683	10.7	ng	3869380	5	22.034	7233900	20.0
Benzo[b]naphtho...	21.576	5.8	ng	2085420	5	22.034	7233900	20.0
Benzo[e]pyrene	25.266	13.7	ng	1497270	6	25.601	2179650	20.0