LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049868.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	12	17	33	rVB2	46476	105039	2.02%	0.330%
2	5.590	426	434	448	rVB	228321	390673	7.51%	1.227%
3	7.200	701	708	722	rBV	249932	455292	8.75%	1.430%
4	8.028	841	849	856	rBV	148131	261540	5.03%	0.822%
5	9.203	1041	1049	1060	rBV	166143	301848	5.80%	0.948%
6	10.854	1321	1330	1335	rBV	196827	364426	7.00%	1.145%
7	10.901	1335	1338	1347	rVB	51252	88786	1.71%	0.279%
8	12.510	1606	1612	1619	rBV	67128	107879	2.07%	0.339%
9	12.727	1642	1649	1657	rVB	58853	105535	2.03%	0.332%
10	13.303	1739	1747	1753	rVB	389389	612681	11.78%	1.925%
11	13.515	1777	1783	1789	rBV2	29692	55656	1.07%	0.175%
12	13.850	1833	1840	1848	rVB5	38593	102482	1.97%	0.322%
13	14.002	1858	1866	1871	rBV2	72784	138526	2.66%	0.435%
14	14.061	1871	1876	1880	rVB2	42162	66462	1.28%	0.209%
15	14.408	1926	1935	1949	rBV	91859	205336	3.95%	0.645%
16	14.684	1977	1982	1988	rVB	266556	432293	8.31%	1.358%
17	14.748	1988	1993	1999	rVB	158634	263576	5.07%	0.828%
18	15.083	2042	2050	2058	rVV	225331	353828	6.80%	1.111%
19	15.154	2058	2062	2069	rVV2	35773	57283	1.10%	0.180%
20	15.300	2080	2087	2092	rBV3	34564	71551	1.38%	0.225%
21	15.471	2109	2116	2120	rBV7	32837	68995	1.33%	0.217%
22	15.735	2155	2161	2172	rVB	330723	537423	10.33%	1.688%
23	16.029	2206	2211	2216	rVB	89838	145626	2.80%	0.457%
24	16.182	2231	2237	2244	rVB	387496	668043	12.84%	2.099%
25	16.740	2325	2332	2337	rBV4	72525	134791	2.59%	0.423%
26	17.092	2388	2392	2399	rVB	93658	153790	2.96%	0.483%
27	17.169	2400	2405	2410	rBV2	59688	132373	2.54%	0.416%
28	17.257	2416	2420	2426	rVB	168539	252811	4.86%	0.794%
29	17.445	2447	2452	2454	rBV	255734	399623	7.68%	1.255%
30	17.492	2454	2460	2466	rVB	2646881	4165676	80.07%	13.086%
31	17.580	2470	2475	2480	rVB	556919	811445	15.60%	2.549%
32	17.844	2517	2520	2524	rVB	107000	131780	2.53%	0.414%
33	17.956	2536	2539	2542	rBV2	49008	56332	1.08%	0.177%
34	18.320	2596	2601	2605	rBV	253002	412902	7.94%	1.297%
35	18.373	2605	2610	2617	rVB	366231	561556	10.79%	1.764%
36	18.449	2619	2623	2628	rBV	150444	215788	4.15%	0.678%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.520	2629	2635	2639	rBV2	423961	799257	15.36%	2.511%
38	18.813	2681	2685	2689	rBV	207592	283154	5.44%	0.889%
39	18.860	2690	2693	2698	rVB3	151617	196500	3.78%	0.617%
40	19.512	2797	2804	2809	rVB	3430979	5202624	100.00%	16.343%
41	19.871	2855	2865	2871	rVB2	2628000	4761684	91.52%	14.958%
42	20.047	2891	2895	2900	rVB2	529460	804713	15.47%	2.528%
43	20.452	2962	2964	2968	rVB	242327	251169	4.83%	0.789%
44	21.727	3175	3181	3187	rBV3	1267359	2678553	51.48%	8.414%
45	21.792	3188	3192	3202	rVB	1039886	1753162	33.70%	5.507%
46	24.905	3716	3722	3734	rVB	620995	1713687	32.94%	5.383%

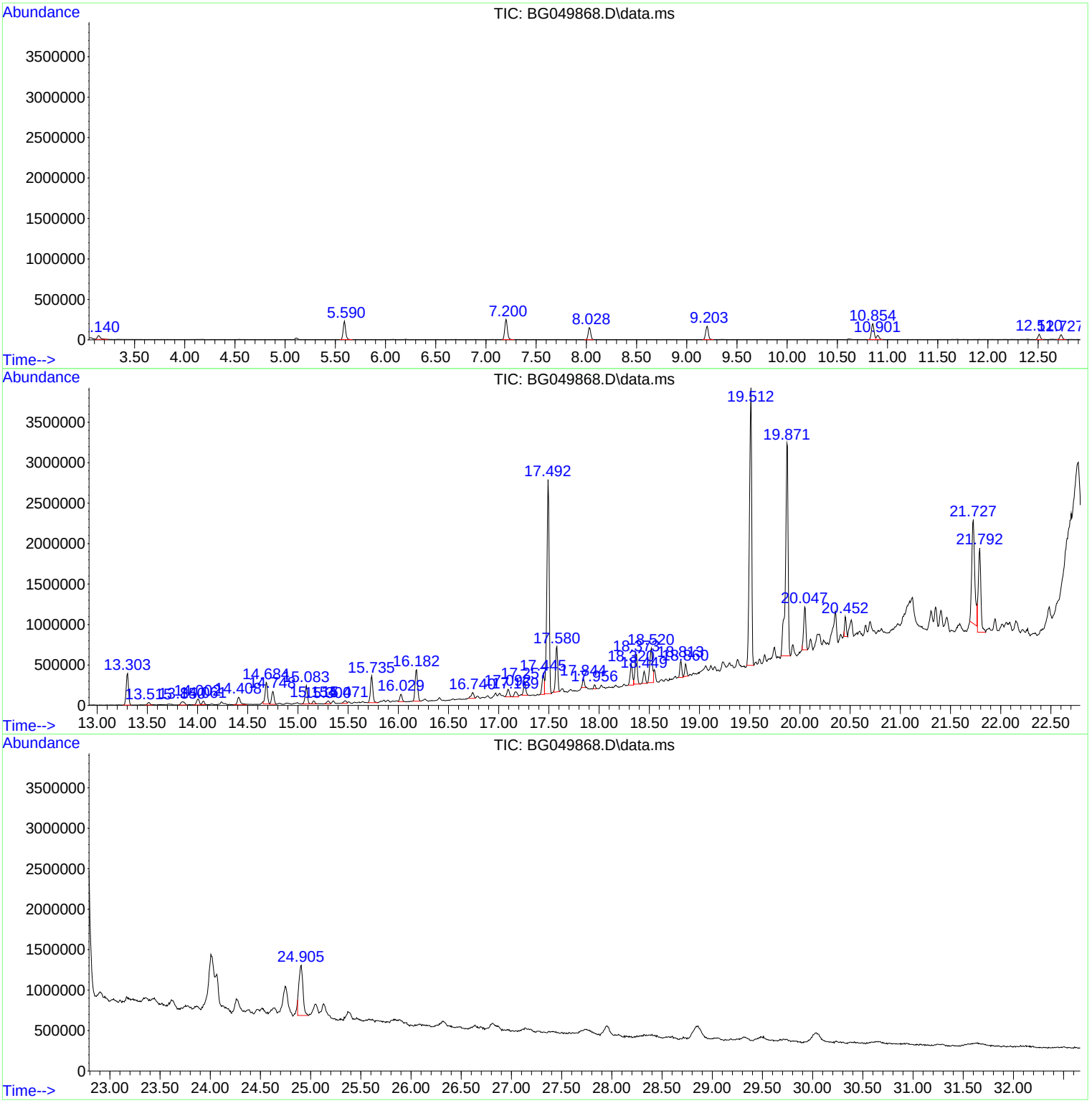
Sum of corrected areas: 31834149

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.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\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

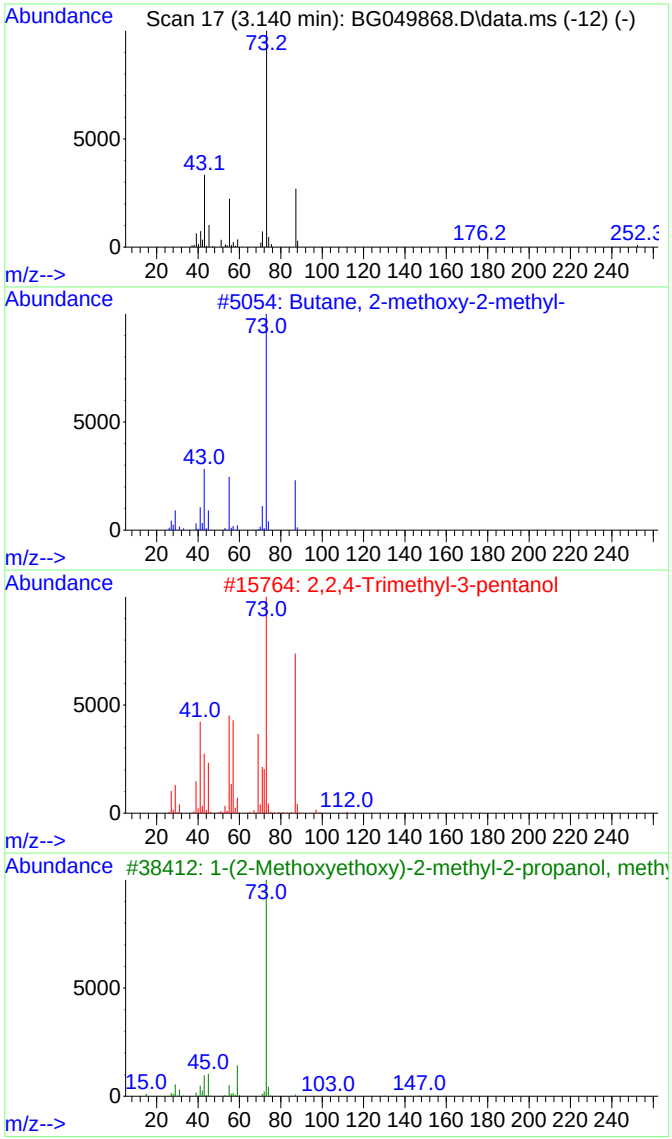
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

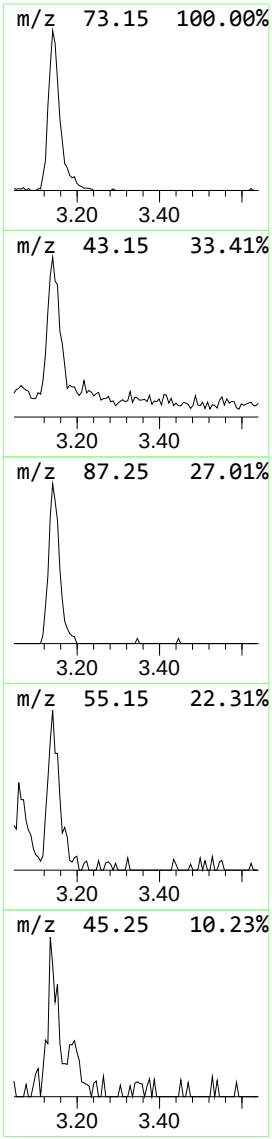
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	8.03 ng	105039	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

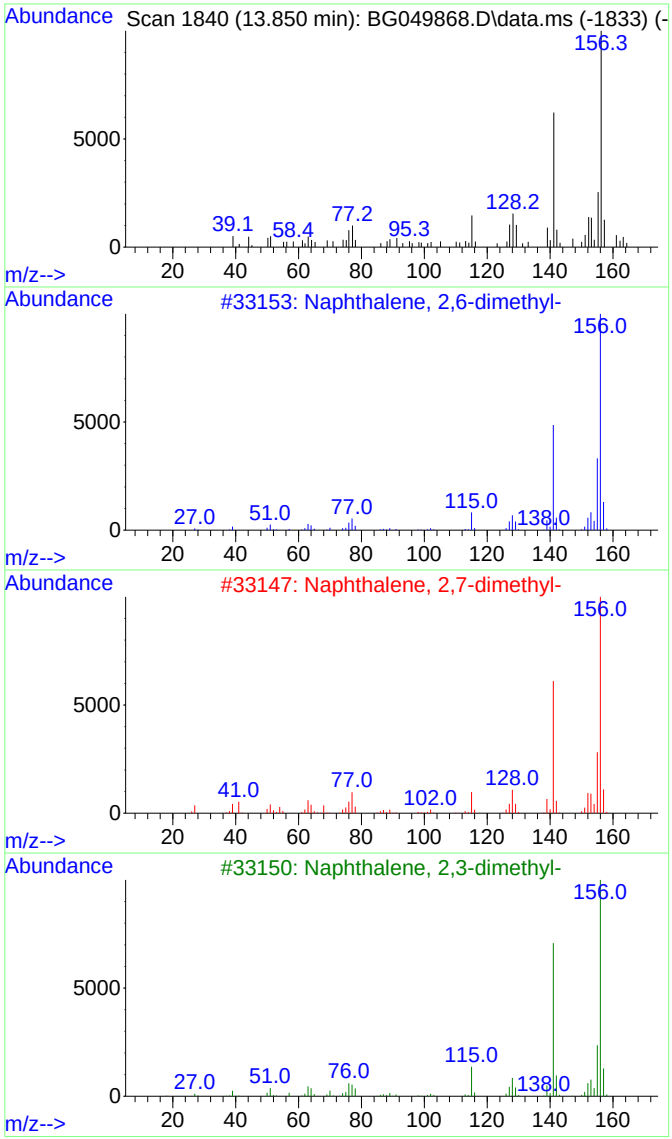
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

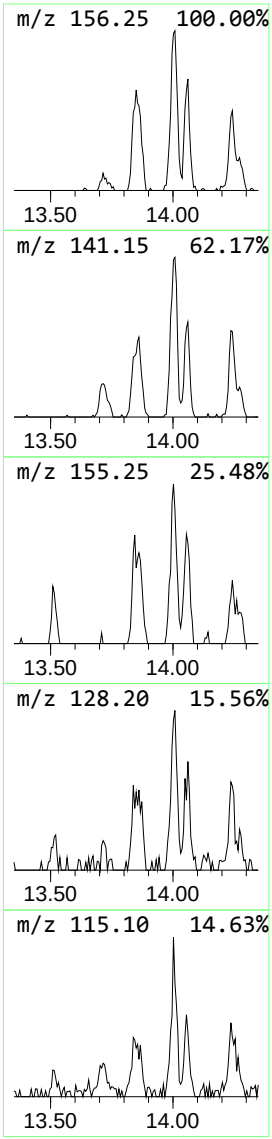
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.850	4.74 ng	102482	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

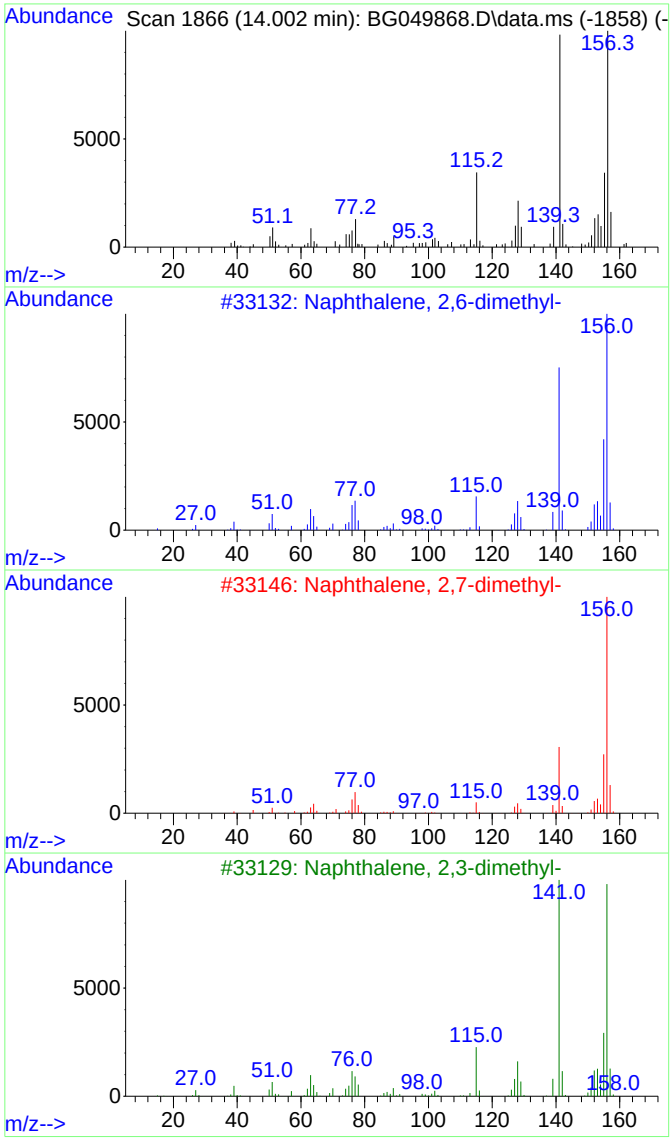
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

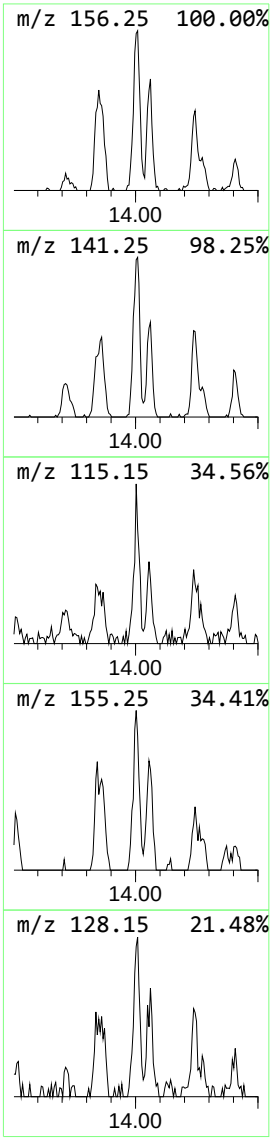
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.002	6.41 ng	138526	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

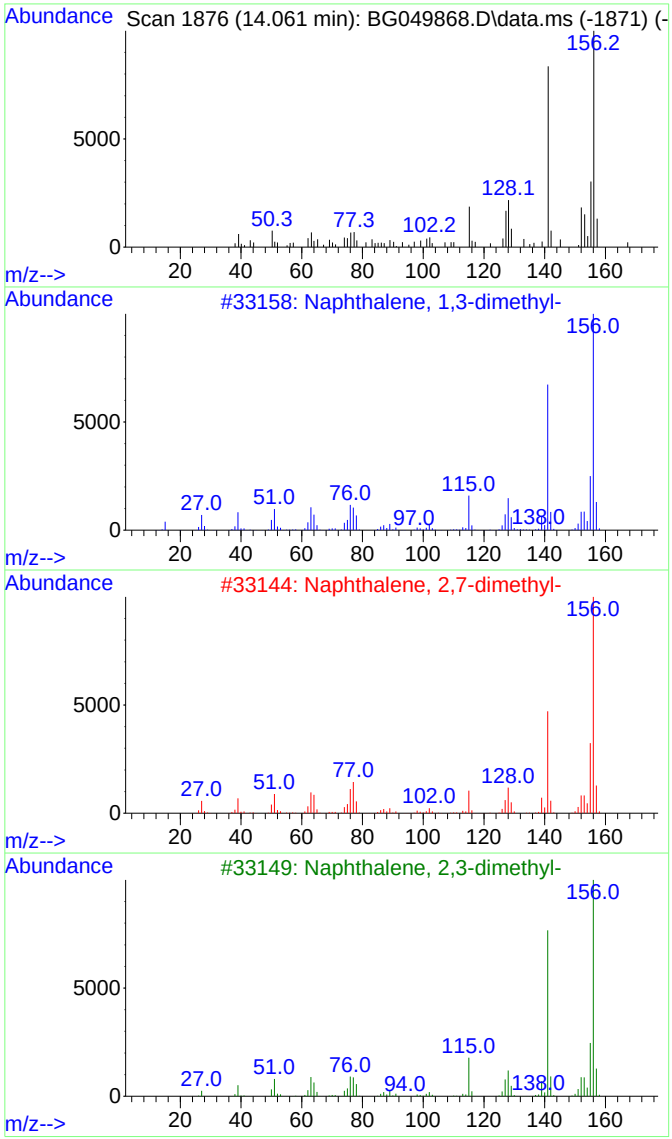
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

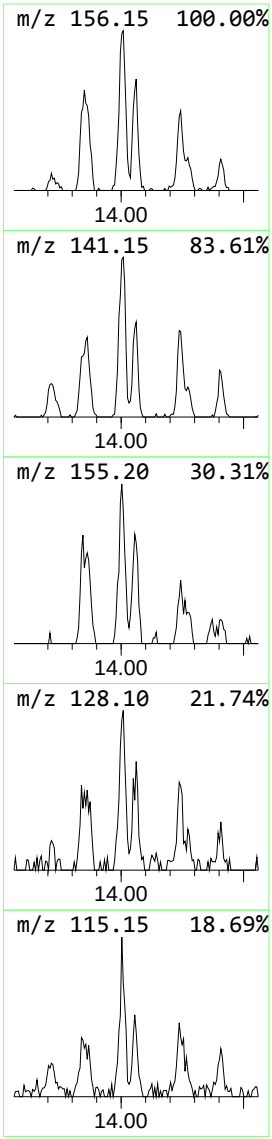
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.061	3.07 ng	66462	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

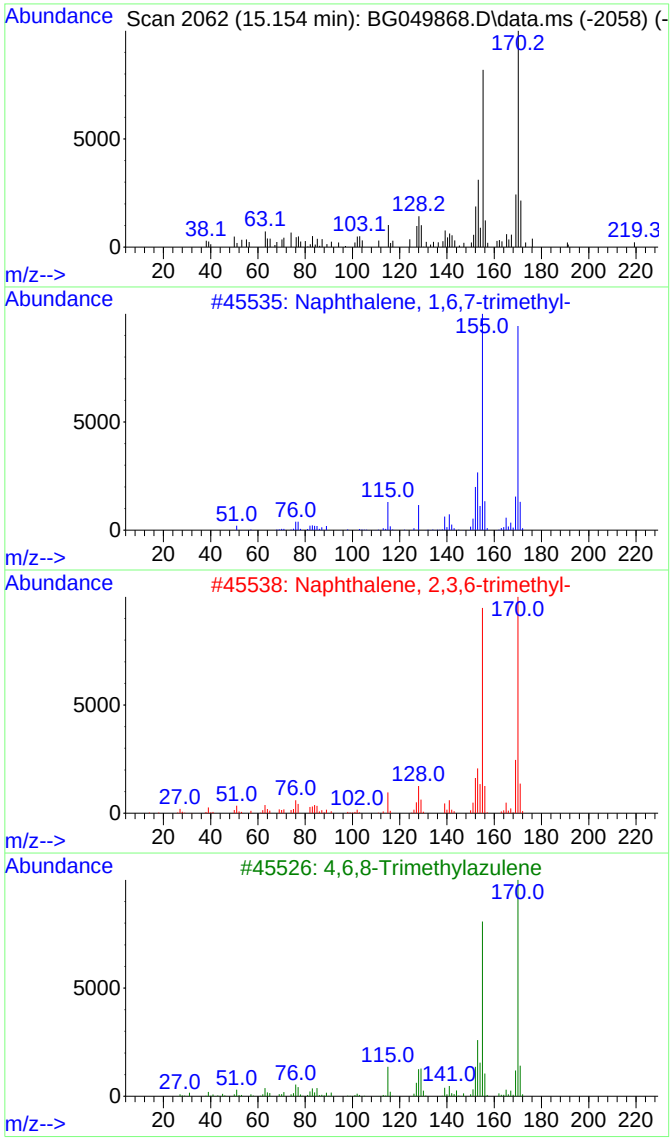
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

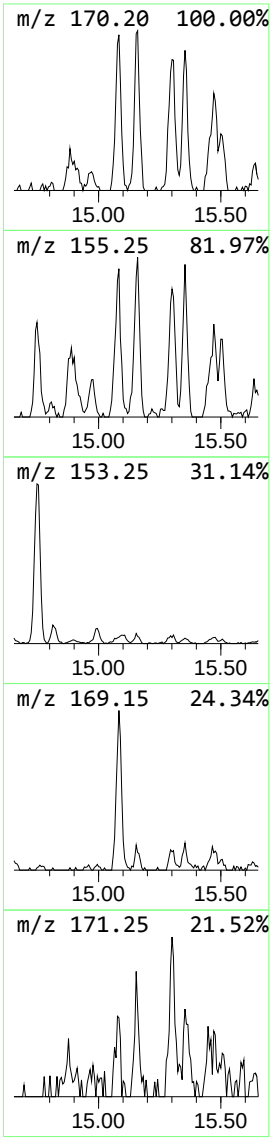
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.154	2.65 ng	57283	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

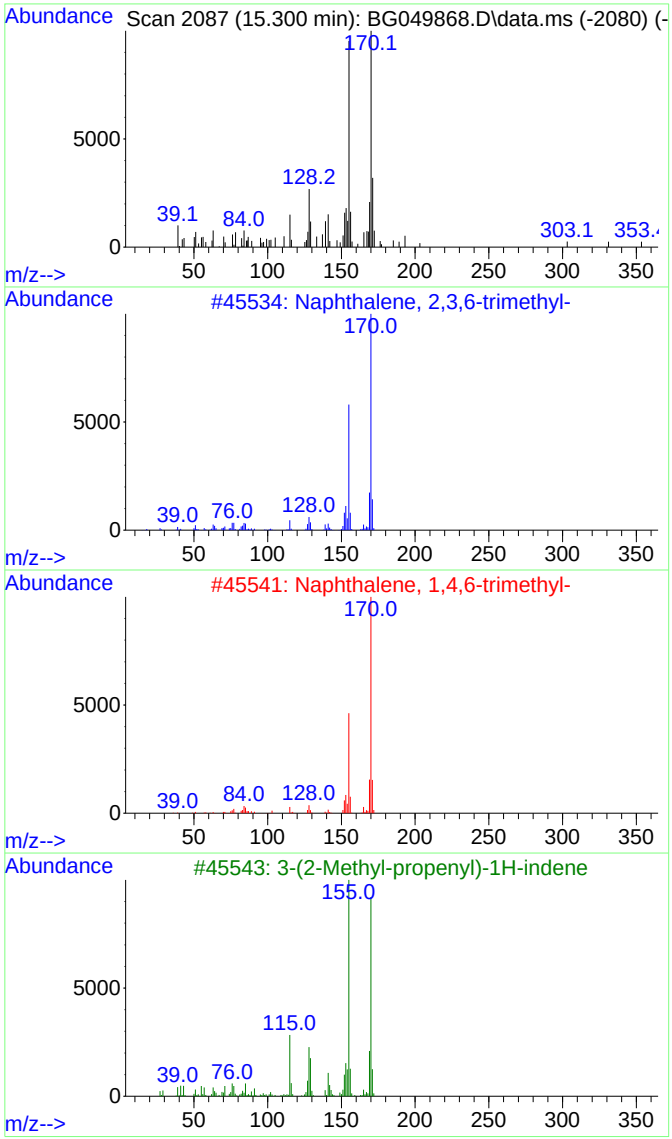
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

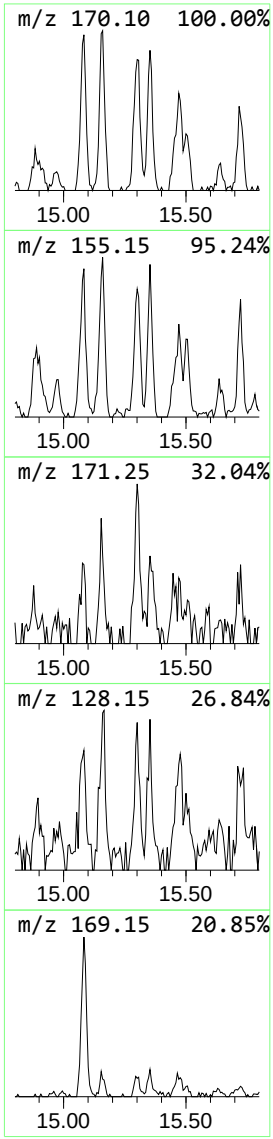
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.301	3.31 ng	71551	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

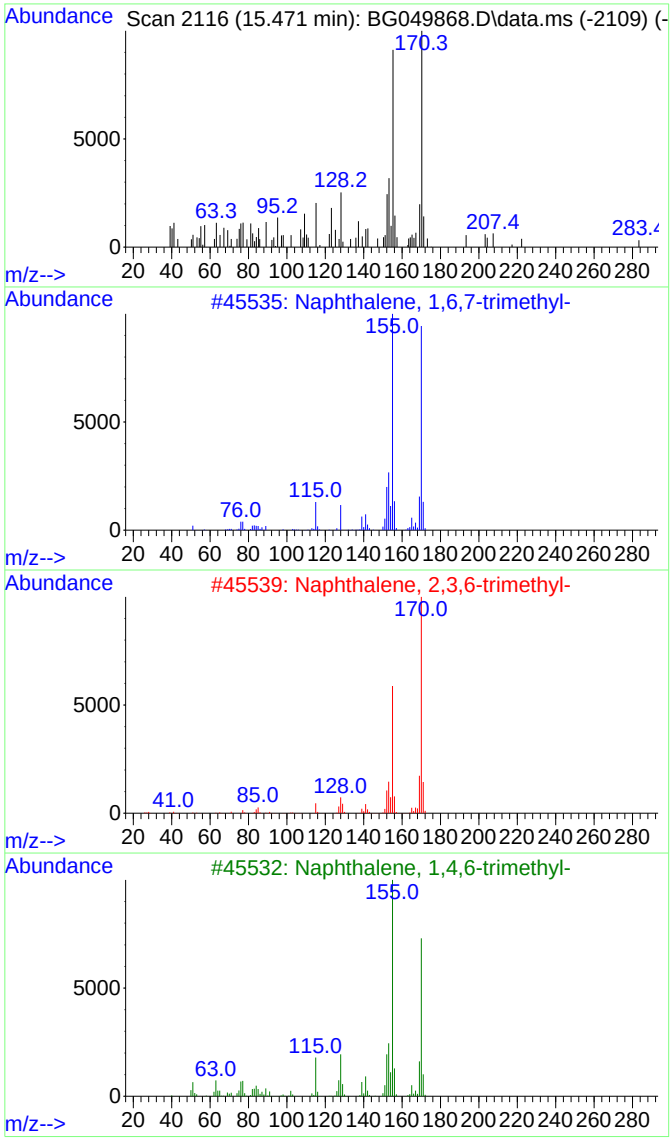
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

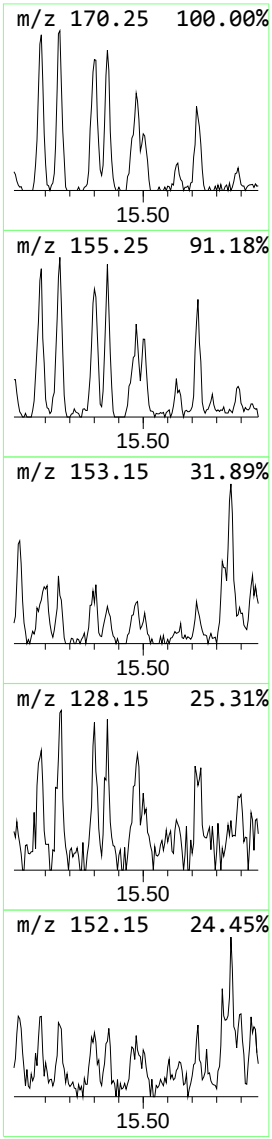
****

Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.471	3.19 ng	68995	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

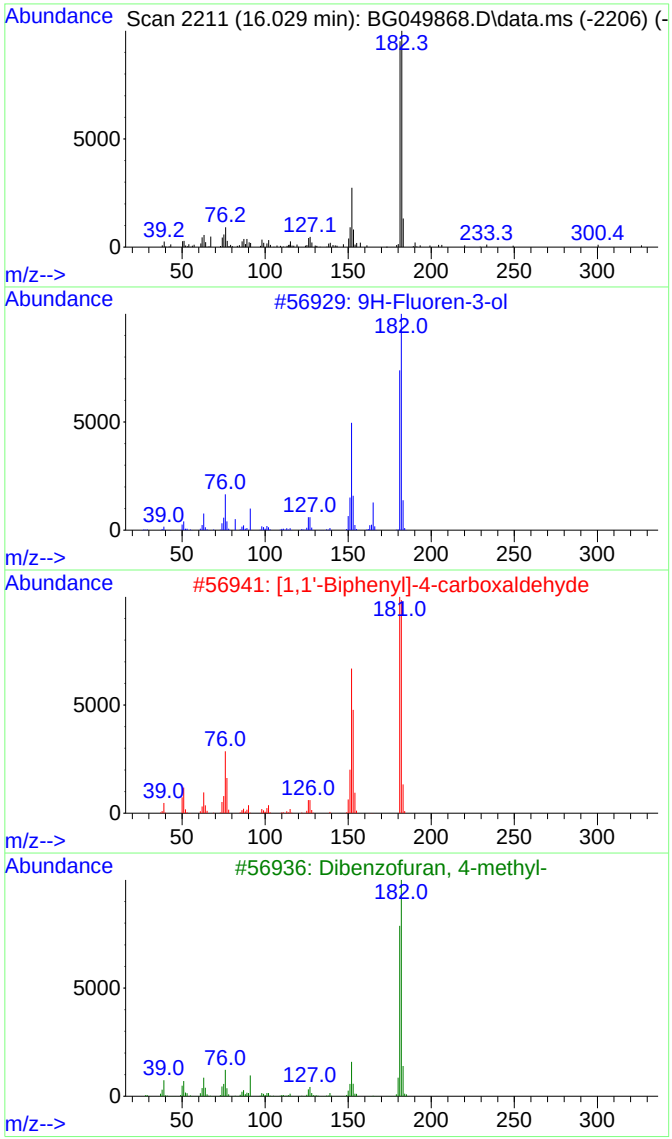
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

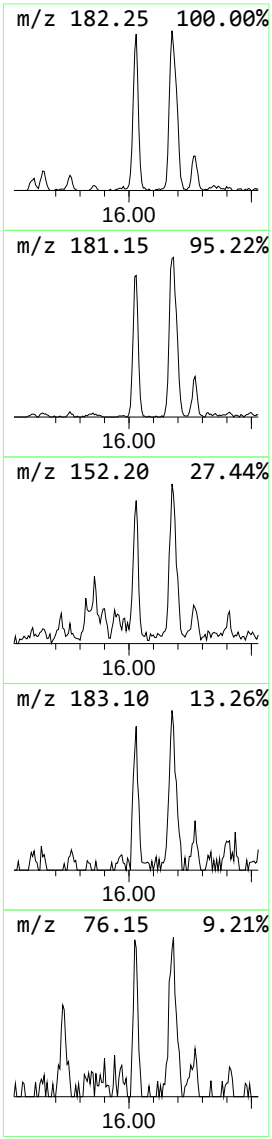
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluoren-3-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.029	6.74 ng	145626	Acenaphthene-d10	14.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

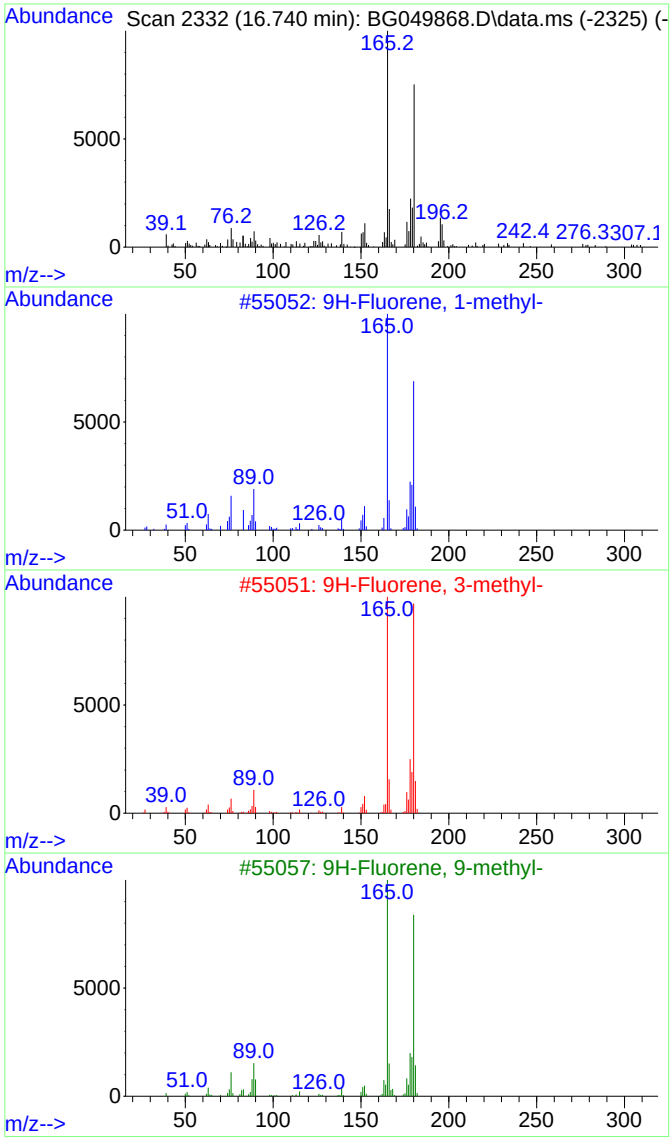
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

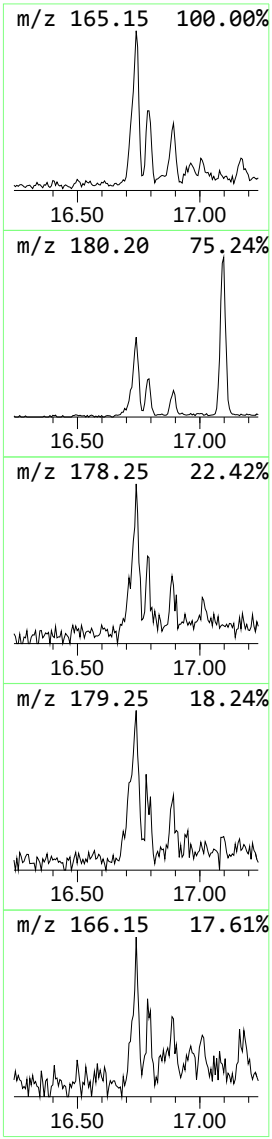
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.740	6.75 ng	134791	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

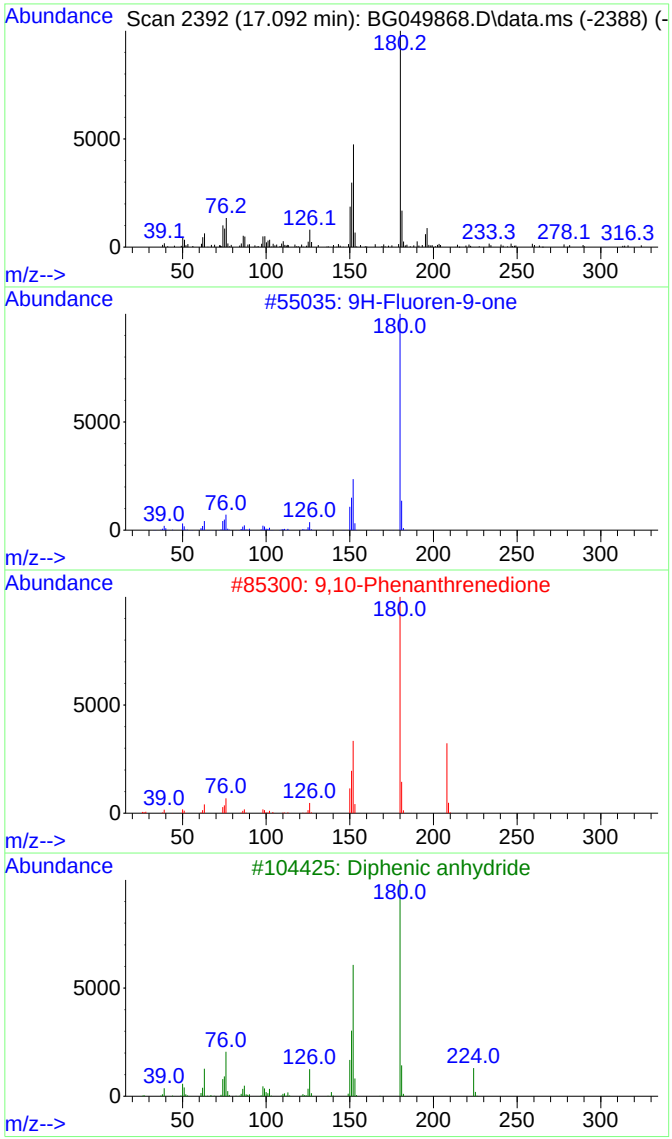
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

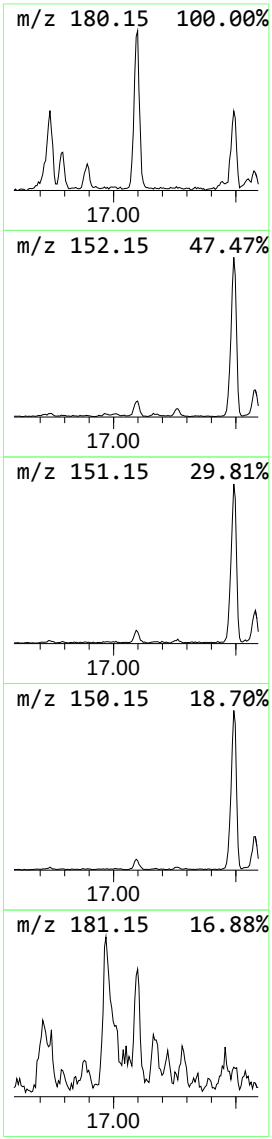
****

Peak Number 10 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	7.70 ng	153790	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78
3	Diphenic anhydride	224	C14H8O3	006050-13-1	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
5	9-Fluorenone-1-carboxylic acid	224	C14H8O3	001573-92-8	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

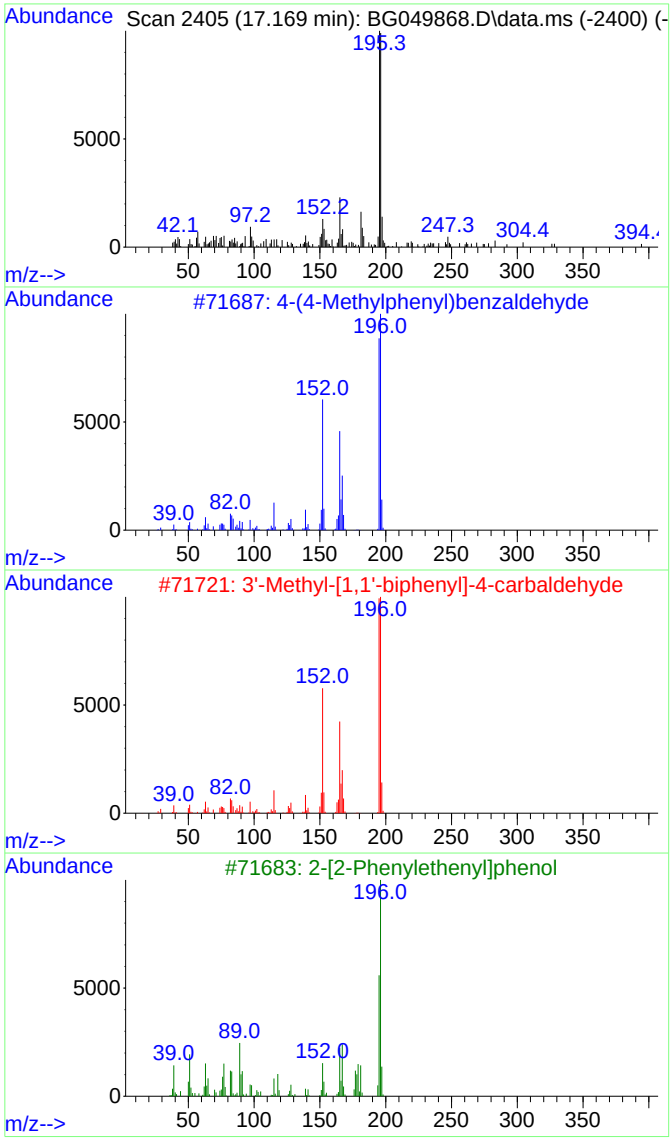
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

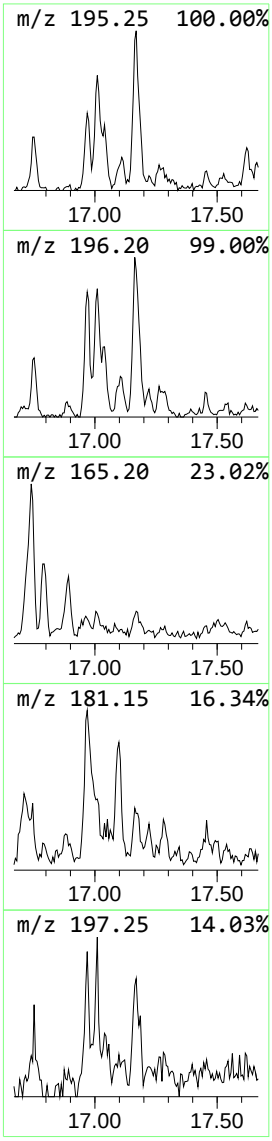
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-(4-Methylphenyl)benzaldehyde Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	6.62 ng	132373	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	80
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	74
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	64
4	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	59
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

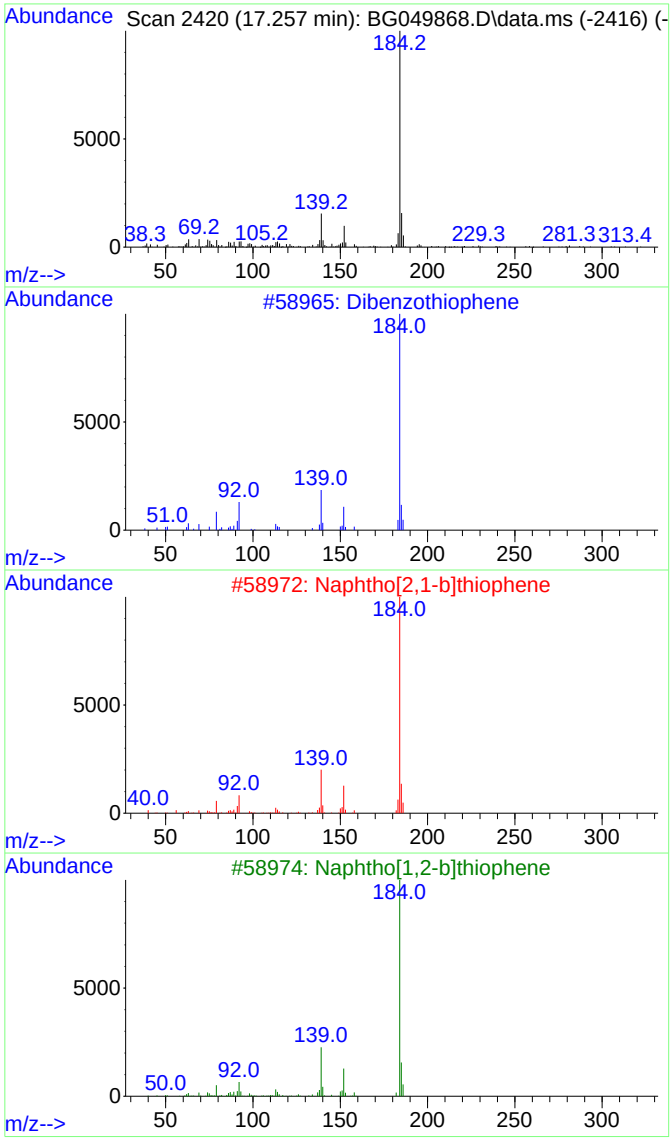
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

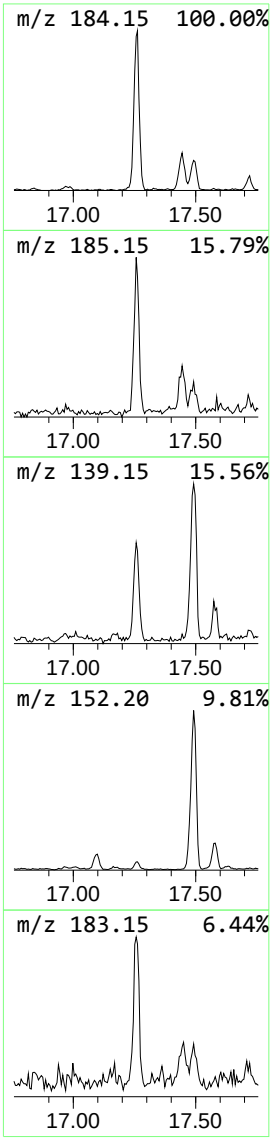
****

Peak Number 12 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.257	12.65 ng	252811	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
27N

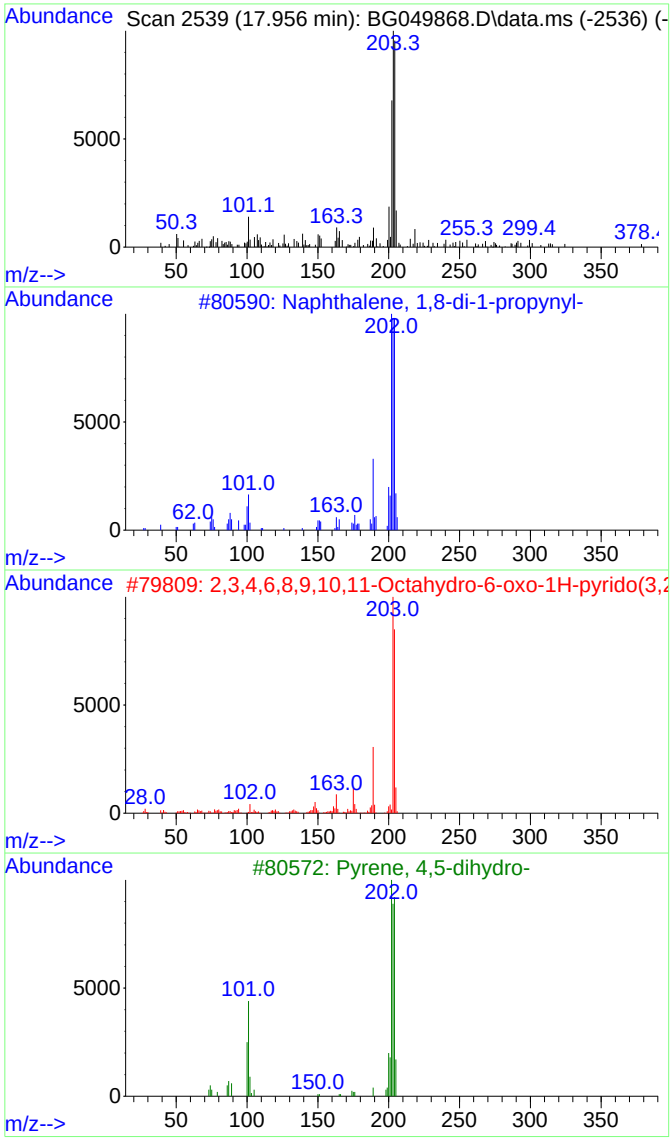
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

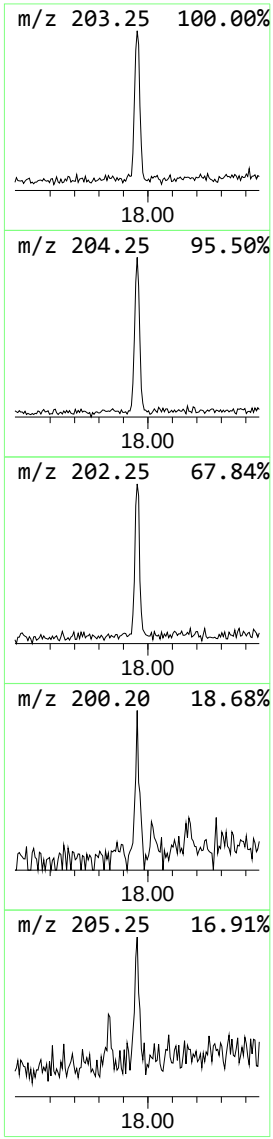
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,8-di-1-propy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.956	2.82 ng	56332	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-di-1-propynyl-	204	C16H12	022360-77-6	62
2	2,3,4,6,8,9,10,11-Octahydro-6-ox...	204	C12H16N2O	026226-34-6	58
3	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	53
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

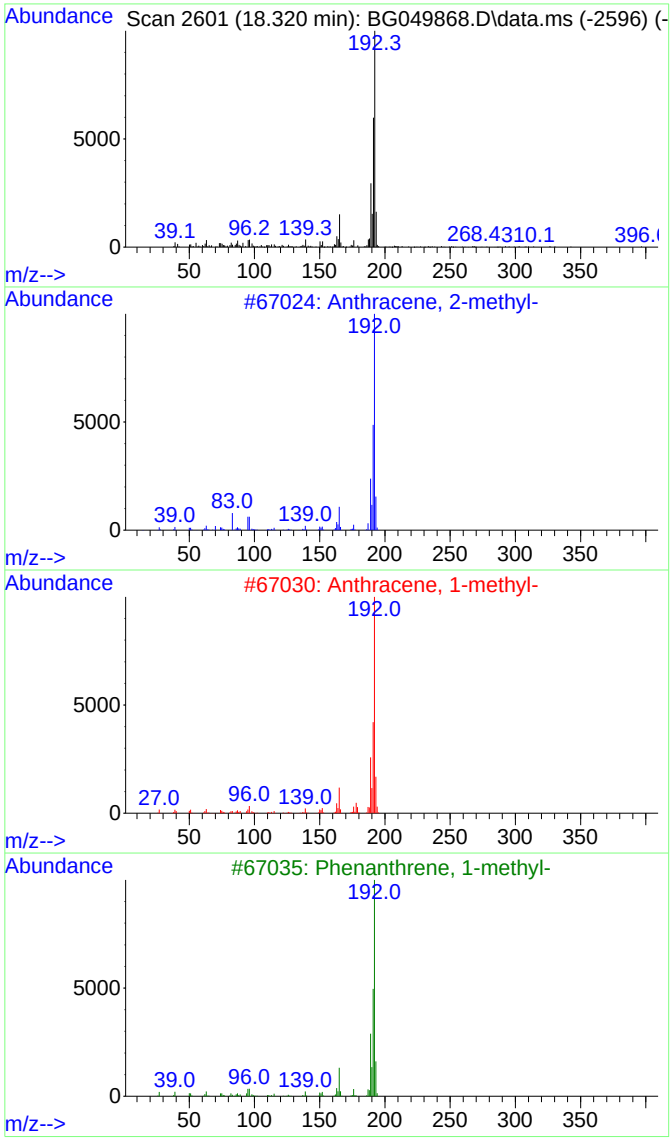
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

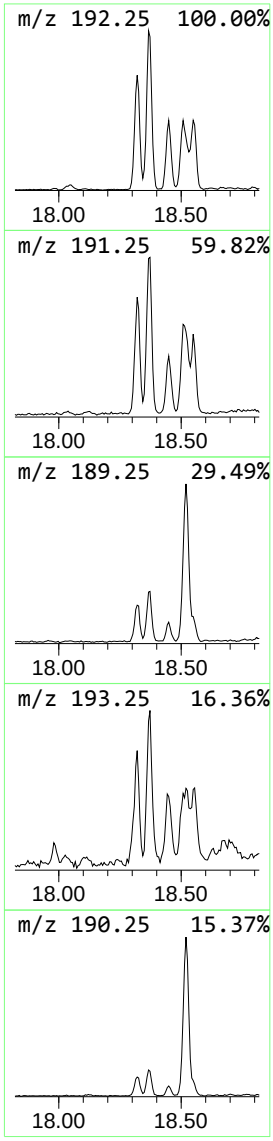
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.320	20.66 ng	412902	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

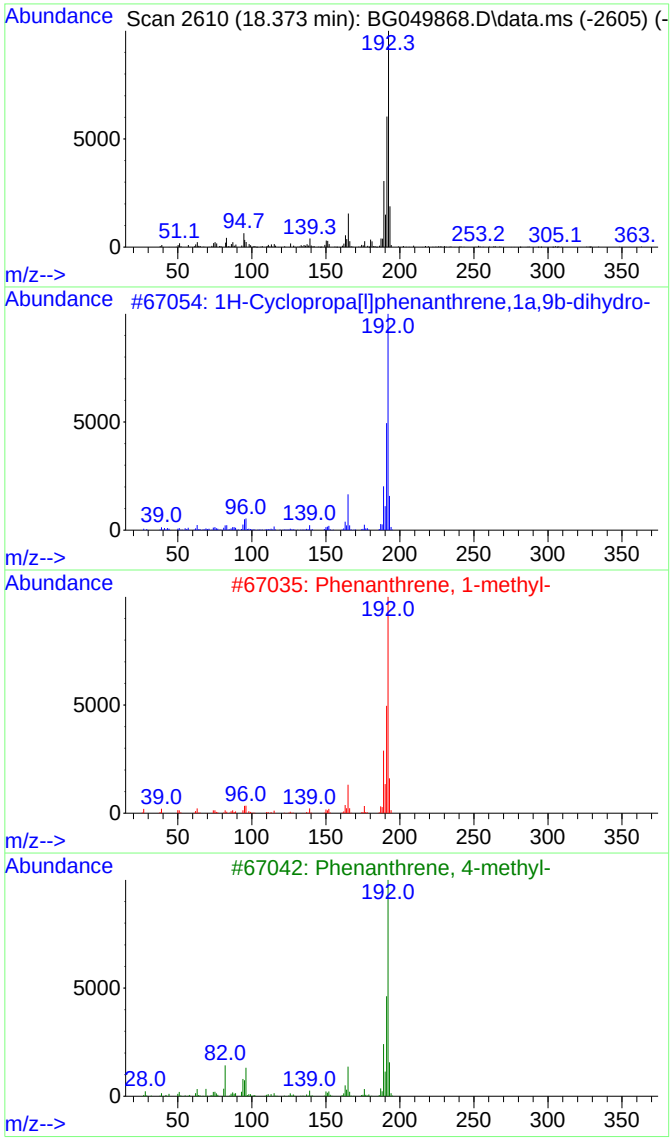
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

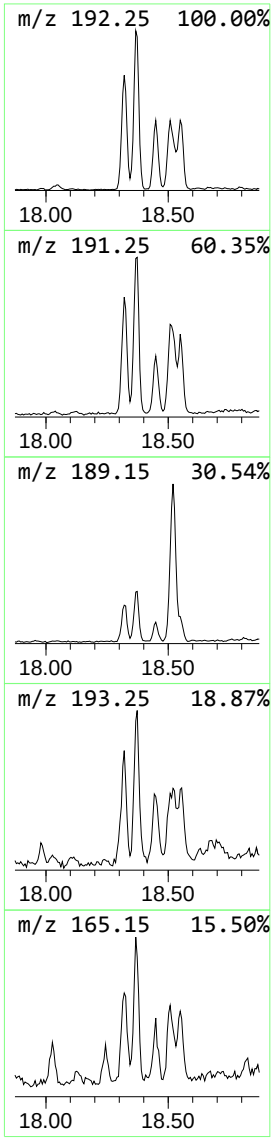
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	28.10 ng	561556	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

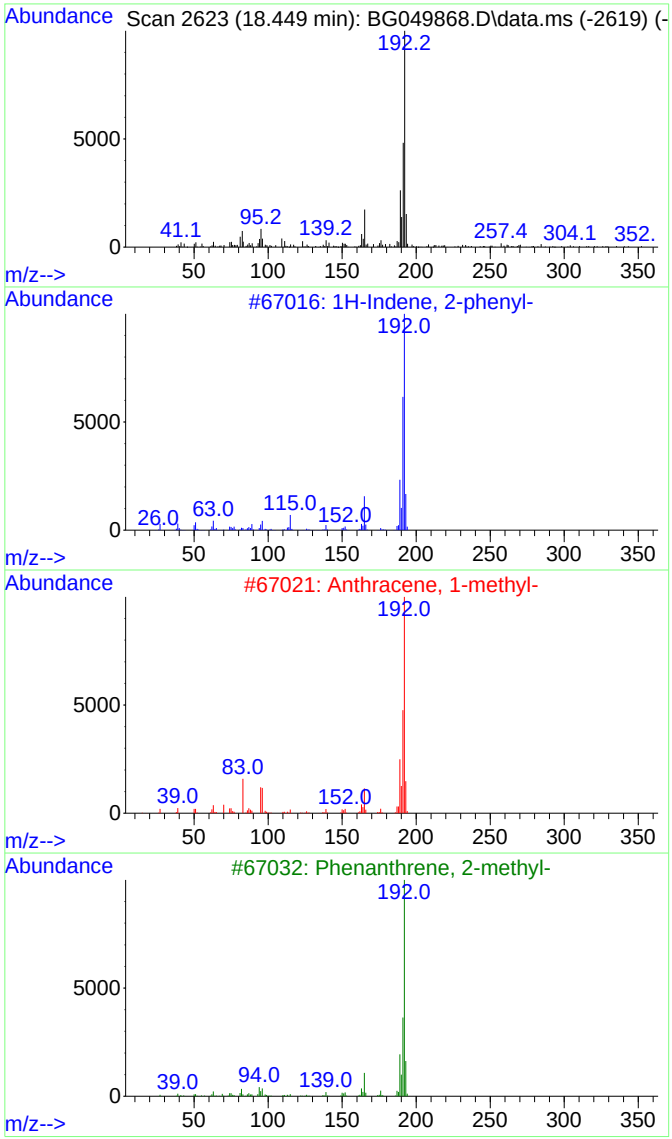
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

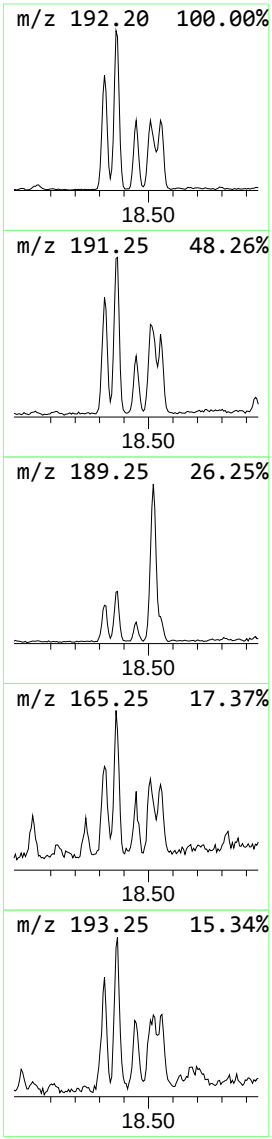
****

Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	10.80 ng	215788	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
27N

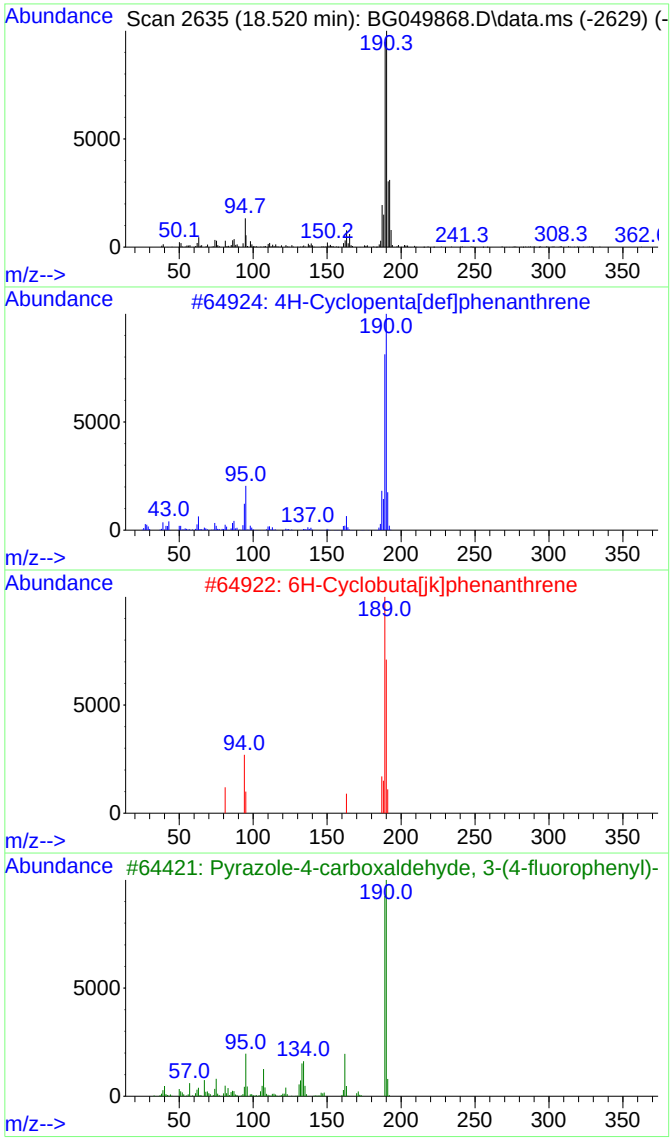
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

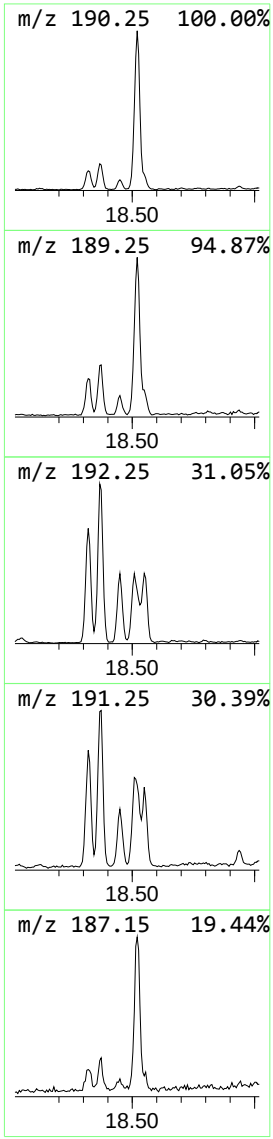
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	40.00 ng	799257	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

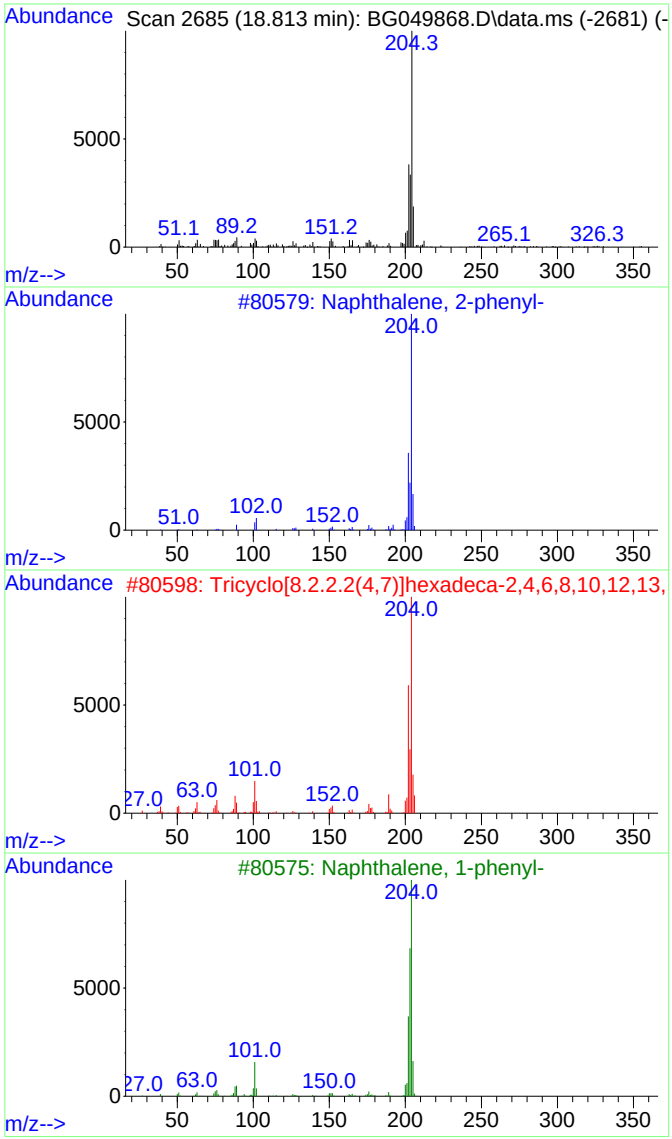
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

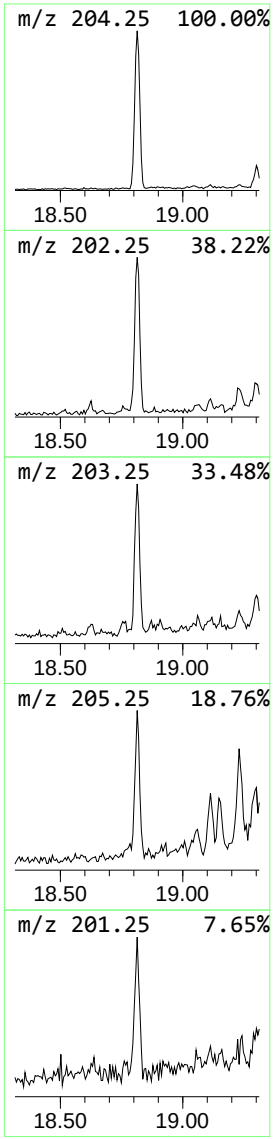
****

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.813	14.17 ng	283154	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

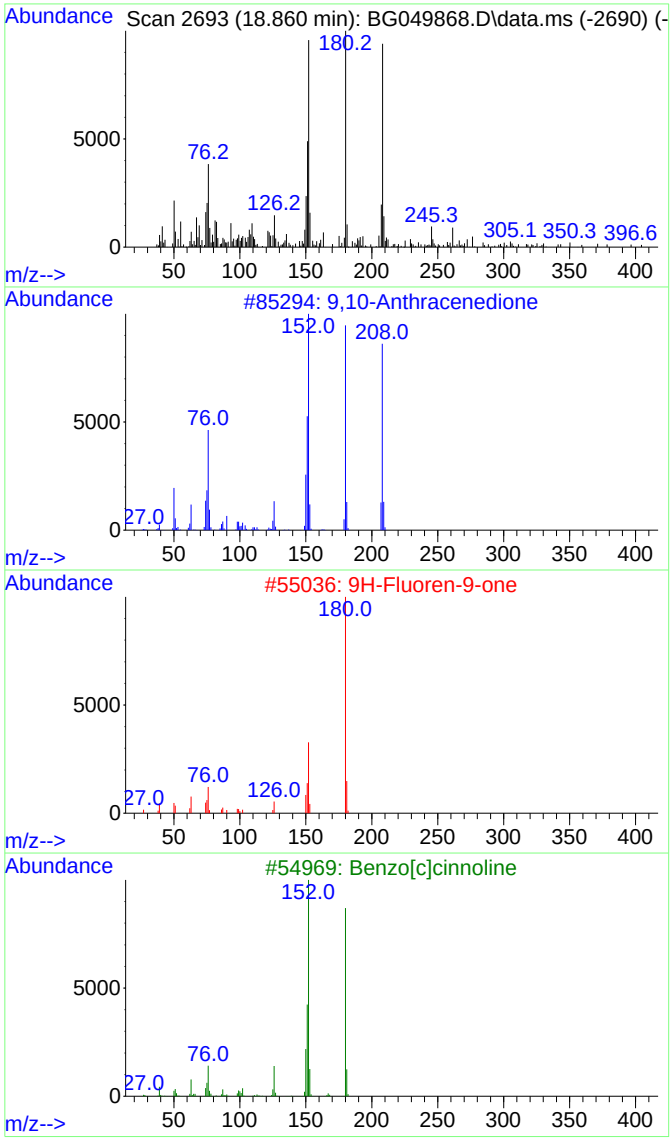
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

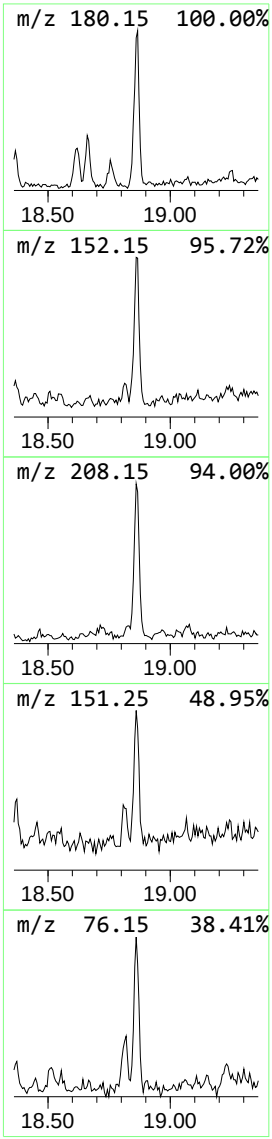
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.860	9.83 ng	196500	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049868.D
Acq On : 17 Aug 2021 3:20
Operator : CG/JU
Sample : M3407-14 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 27N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.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
Butane, 2-metho...	3.140	8.0	ng	105039	1	8.034	261540	20.0
Naphthalene, 2,...	13.850	4.7	ng	102482	3	14.684	432293	20.0
Naphthalene, 2,...	14.002	6.4	ng	138526	3	14.684	432293	20.0
Naphthalene, 1,...	14.061	3.1	ng	66462	3	14.684	432293	20.0
Naphthalene, 1,...	15.154	2.6	ng	57283	3	14.684	432293	20.0
Naphthalene, 2,...	15.301	3.3	ng	71551	3	14.684	432293	20.0
Naphthalene, 1,...	15.471	3.2	ng	68995	3	14.684	432293	20.0
9H-Fluoren-3-ol	16.029	6.7	ng	145626	3	14.684	432293	20.0
9H-Fluorene, 1-...	16.740	6.8	ng	134791	4	17.445	399623	20.0
9H-Fluoren-9-one	17.092	7.7	ng	153790	4	17.445	399623	20.0
4-(4-Methylphen...	17.169	6.6	ng	132373	4	17.445	399623	20.0
Dibenzothiophene	17.257	12.7	ng	252811	4	17.445	399623	20.0
Naphthalene, 1,...	17.956	2.8	ng	56332	4	17.445	399623	20.0
Anthracene, 2-m...	18.320	20.7	ng	412902	4	17.445	399623	20.0
1H-Cyclopropa[l...	18.373	28.1	ng	561556	4	17.445	399623	20.0
1H-Indene, 2-ph...	18.449	10.8	ng	215788	4	17.445	399623	20.0
4H-Cyclopenta[d...	18.520	40.0	ng	799257	4	17.445	399623	20.0
Naphthalene, 2-...	18.813	14.2	ng	283154	4	17.445	399623	20.0
9,10-Anthracene...	18.860	9.8	ng	196500	4	17.445	399623	20.0