LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.292	300	307	317	rBV	56739	93324	4.81%	0.371%
2	5.768	380	388	396	rBV	663876	1108905	57.11%	4.405%
3	7.378	654	662	674	rBV	679251	1223640	63.02%	4.861%
4	8.224	799	806	818	rVB	116001	205099	10.56%	0.815%
5	9.405	997	1007	1016	rBV	413094	778842	40.11%	3.094%
6	10.797	1237	1244	1255	rBV	32163	65492	3.37%	0.260%
7	11.050	1280	1287	1293	rBV	168106	313656	16.15%	1.246%
8	11.103	1293	1296	1303	rVB	36367	59558	3.07%	0.237%
9	12.695	1560	1567	1574	rBV	23785	38045	1.96%	0.151%
10	12.912	1596	1604	1610	rBV2	23247	39996	2.06%	0.159%
11	13.471	1691	1699	1706	rBV	1033443	1679663	86.51%	6.673%
12	14.170	1811	1818	1823	rBV2	23767	46567	2.40%	0.185%
13	14.223	1823	1827	1831	rVV3	17615	25731	1.33%	0.102%
14	14.293	1833	1839	1844	rVB	13500	22692	1.17%	0.090%
15	14.405	1851	1858	1862	rBV5	12490	24414	1.26%	0.097%
16	14.575	1882	1887	1894	rBV5	16609	33510	1.73%	0.133%
17	14.657	1894	1901	1907	rVV	328132	497508	25.62%	1.976%
18	14.851	1928	1934	1940	rVV	253849	400126	20.61%	1.590%
19	14.916	1940	1945	1952	rVB	67753	108508	5.59%	0.431%
20	15.151	1976	1985	1990	rBV7	9642	21991	1.13%	0.087%
21	15.245	1994	2001	2008	rVV2	58563	101314	5.22%	0.402%
22	15.316	2008	2013	2020	rVB3	14187	22845	1.18%	0.091%
23	15.457	2033	2037	2042	rBV2	13466	21071	1.09%	0.084%
24	15.627	2059	2066	2068	rBV5	13778	27858	1.43%	0.111%
25	15.656	2068	2071	2076	rVB4	15600	23785	1.23%	0.094%
26	15.897	2105	2112	2120	rBV2	85116	148822	7.66%	0.591%
27	16.056	2136	2139	2143	rVB3	21407	28933	1.49%	0.115%
28	16.185	2157	2161	2168	rVB	30276	50621	2.61%	0.201%
29	16.338	2181	2187	2196	rBV	755112	1217590	62.71%	4.837%
30	16.538	2213	2221	2224	rBV4	21441	57381	2.96%	0.228%
31	16.873	2272	2278	2279	rBV6	15489	25784	1.33%	0.102%
32	16.896	2279	2282	2287	rVV4	27190	40067	2.06%	0.159%
33	16.949	2288	2291	2296	rVV3	13400	20296	1.05%	0.081%
34	17.125	2314	2321	2324	rBV4	22858	53613	2.76%	0.213%
35	17.160	2324	2327	2336	rVB4	19914	34214	1.76%	0.136%
36	17.254	2338	2343	2348	rVB	46458	73318	3.78%	0.291%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.313	2349	2353	2356	rBV3	31077	52255	2.69%	0.208%
38	17.419	2367	2371	2378	rVB	58257	89317	4.60%	0.355%
39	17.601	2396	2402	2405	rBV	295545	476204	24.53%	1.892%
40	17.642	2405	2409	2416	rVB	903978	1401242	72.17%	5.567%
41	17.736	2420	2425	2430	rVB	187160	291010	14.99%	1.156%
42	18.001	2465	2470	2475	rBV2	66439	120568	6.21%	0.479%
43	18.106	2486	2488	2492	rVB2	19091	22930	1.18%	0.091%
44	18.471	2544	2550	2554	rBV	148936	246442	12.69%	0.979%
45	18.524	2554	2559	2564	rVB	189001	298703	15.38%	1.187%
46	18.600	2568	2572	2577	rVB	79862	114299	5.89%	0.454%
47	18.670	2577	2584	2587	rBV2	182886	375776	19.35%	1.493%
48	18.964	2629	2634	2638	rBV	103476	153159	7.89%	0.608%
49	19.011	2638	2642	2647	rVB	80878	121726	6.27%	0.484%
50	19.375	2699	2704	2710	rBV2	86050	181521	9.35%	0.721%
51	19.528	2726	2730	2736	rVB2	63018	114160	5.88%	0.454%
52	19.652	2745	2751	2756	rBV	1312353	1830227	94.26%	7.271%
53	19.975	2801	2806	2807	rBV	201348	293760	15.13%	1.167%
54	20.010	2807	2812	2818	rVB	1172027	1756749	90.48%	6.979%
55	20.069	2818	2822	2827	rBV2	82002	125232	6.45%	0.497%
56	20.186	2837	2842	2848	rVB	1435665	1941596	100.00%	7.713%
57	20.333	2862	2867	2872	rVB2	143947	246779	12.71%	0.980%
58	20.592	2908	2911	2914	rVB	64018	67265	3.46%	0.267%
59	20.721	2930	2933	2940	rVB2	81715	122149	6.29%	0.485%
60	20.791	2942	2945	2949	rVV	83679	123632	6.37%	0.491%
61	20.838	2950	2953	2962	rVB	84932	142674	7.35%	0.567%
62	21.273	3023	3027	3035	rVB	136717	216477	11.15%	0.860%
63	21.561	3072	3076	3081	rBV2	91108	159162	8.20%	0.632%
64	21.620	3083	3086	3098	rVB	116585	223633	11.52%	0.888%
65	21.737	3103	3106	3115	rVB2	90690	167027	8.60%	0.664%
66	21.884	3125	3131	3138	rBV3	606001	1419212	73.10%	5.638%
67	21.955	3138	3143	3149	rVB	468737	827744	42.63%	3.288%
68	24.229	3522	3530	3539	rBV	325573	1209663	62.30%	4.805%
69	25.004	3655	3662	3674	rVB	202694	629719	32.43%	2.502%
70	25.163	3680	3689	3700	rVB	300884	875920	45.11%	3.480%

Sum of corrected areas: 25172711

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
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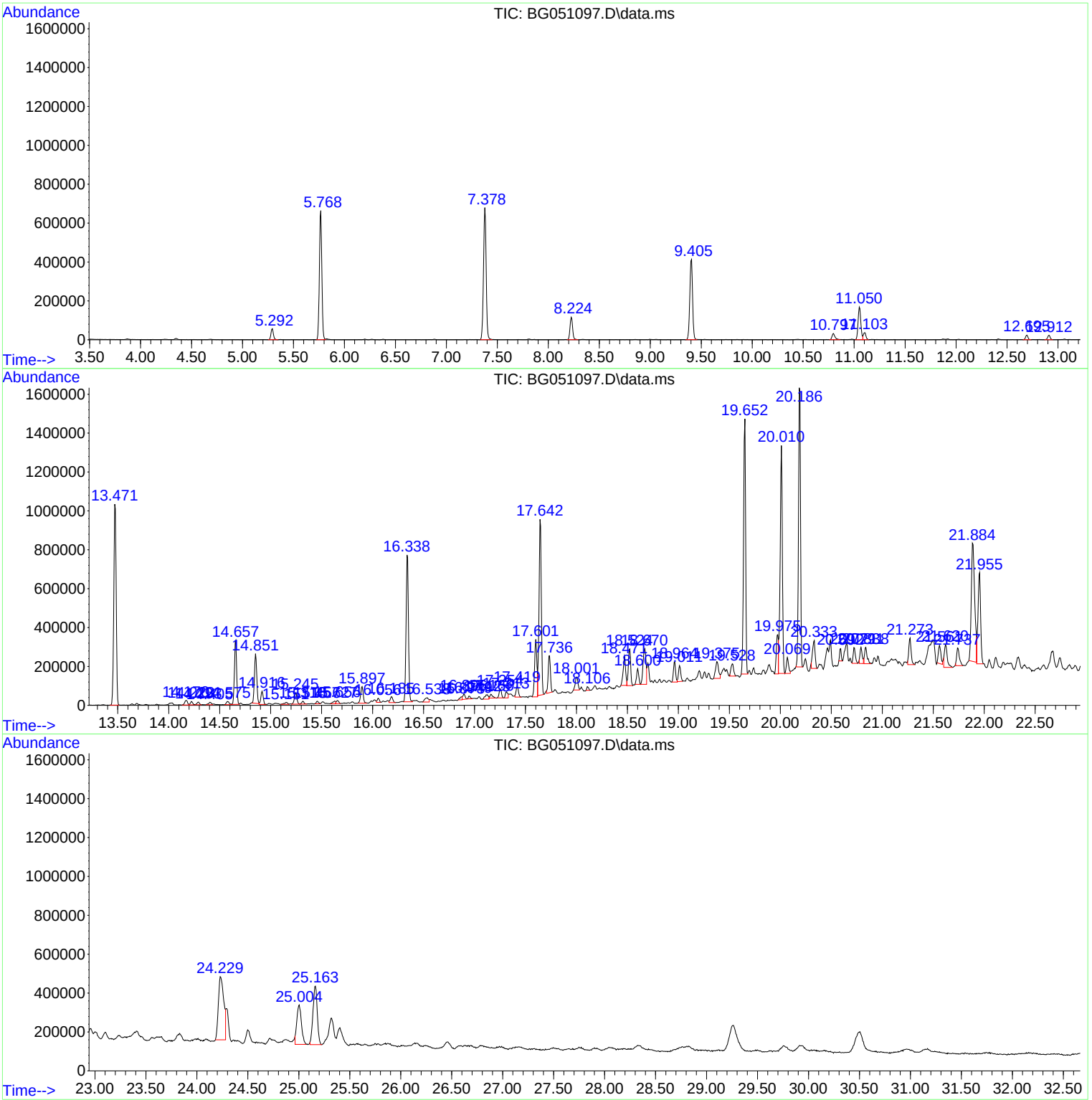
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
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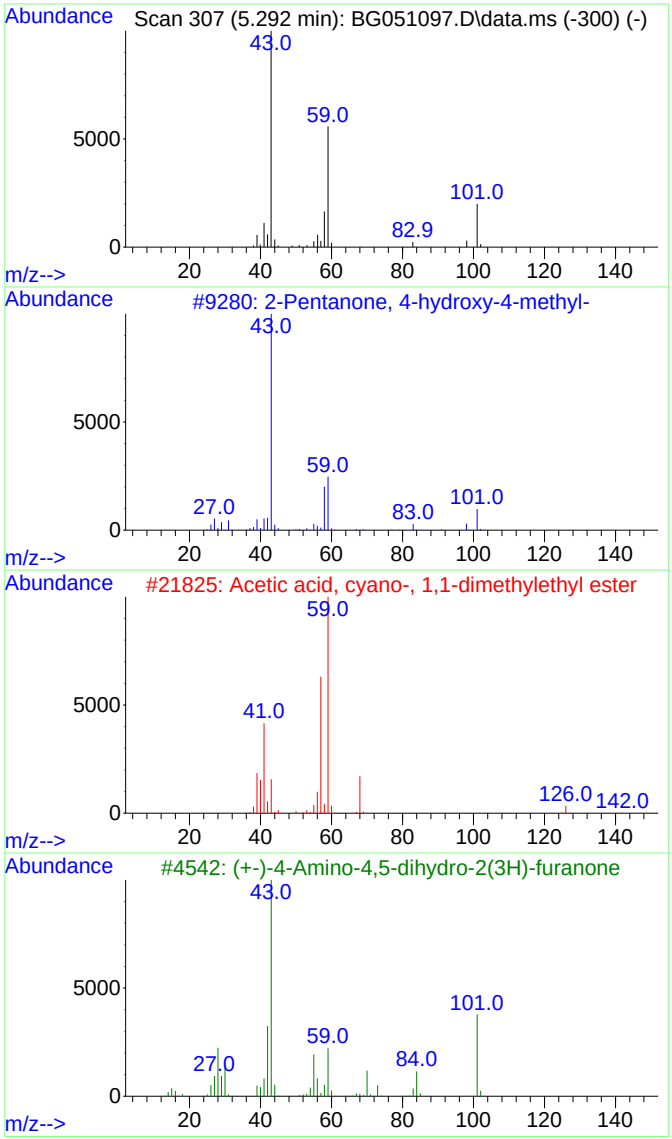
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

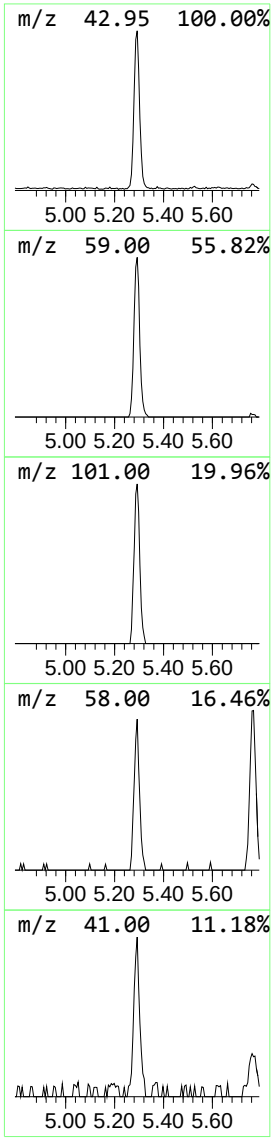
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.292	9.10 ng	93324	1,4-Dichlorobenzene-d4	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

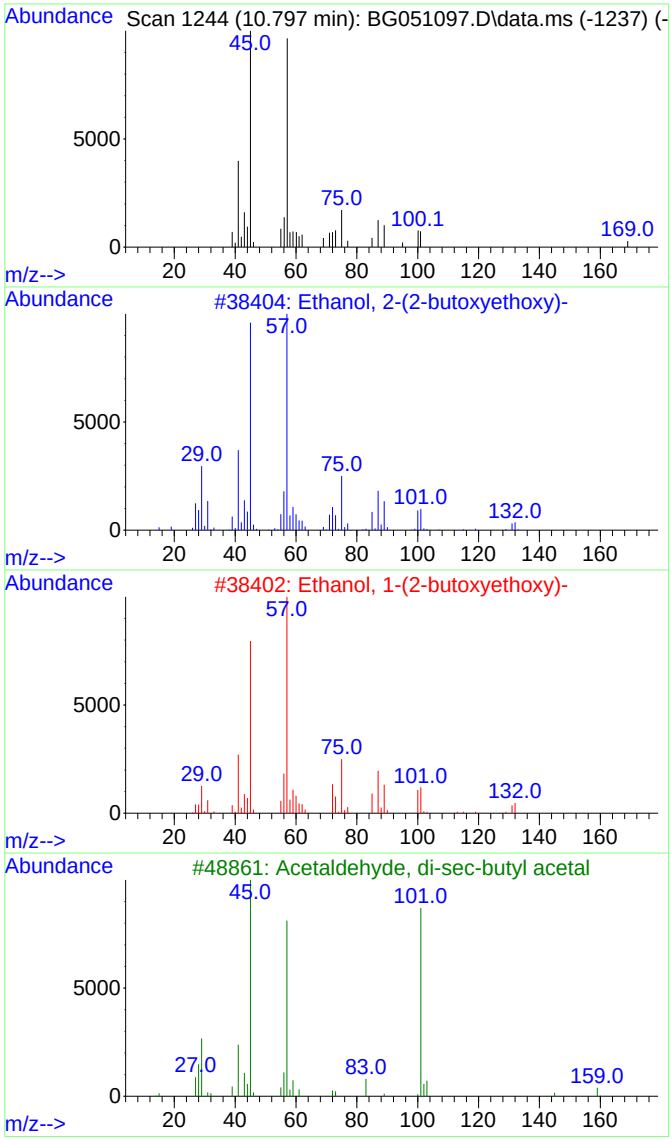
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

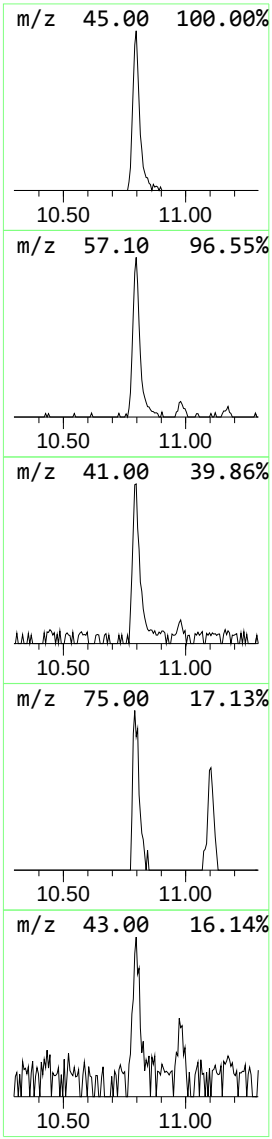
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.797	4.18 ng	65492	Naphthalene-d8	11.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	53
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	53
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

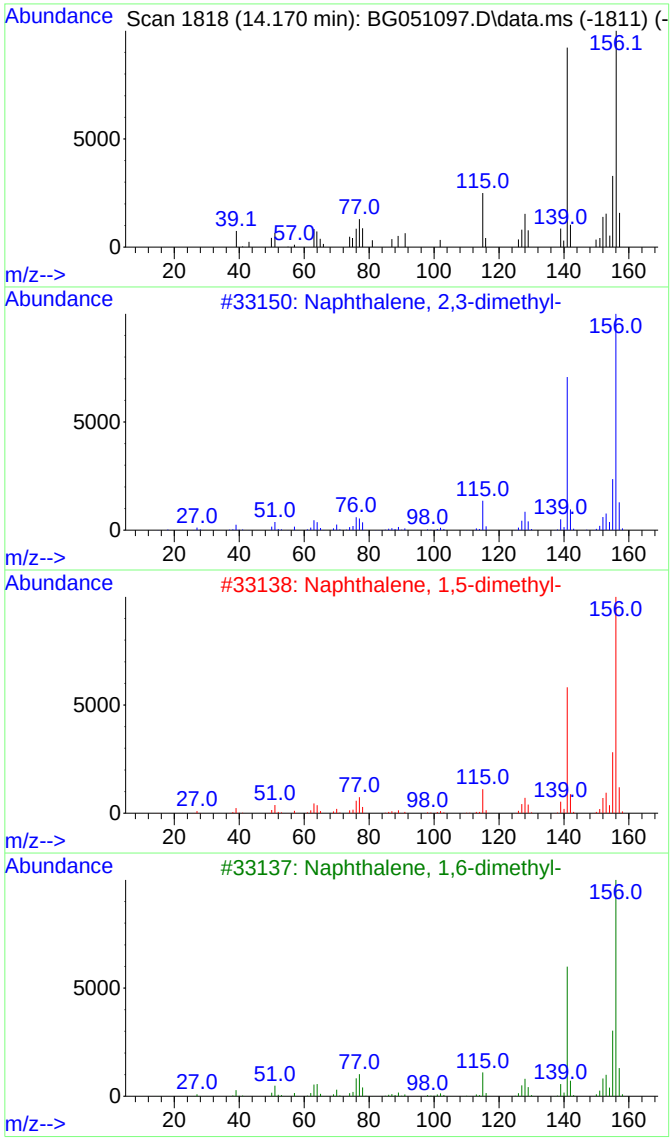
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

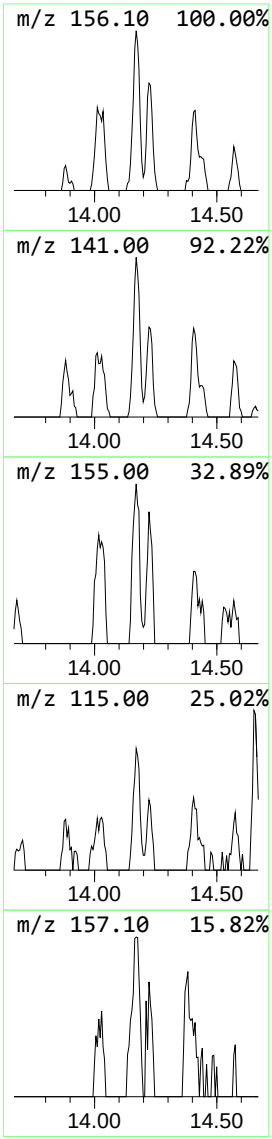
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.170	2.33 ng	46567	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
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Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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COMP-1

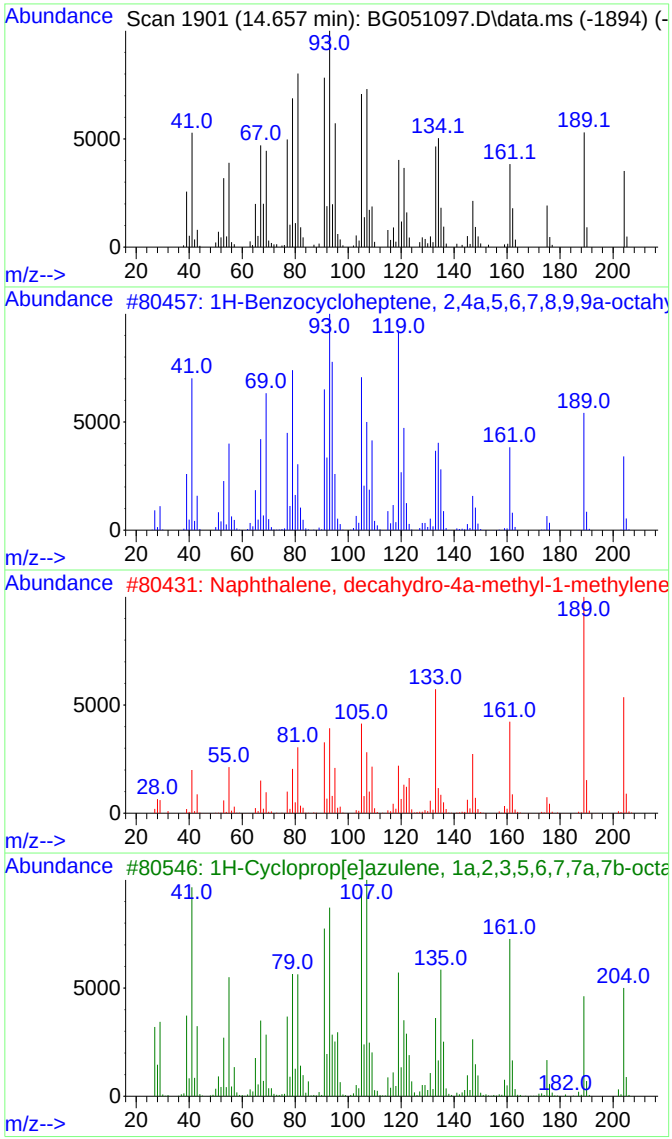
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

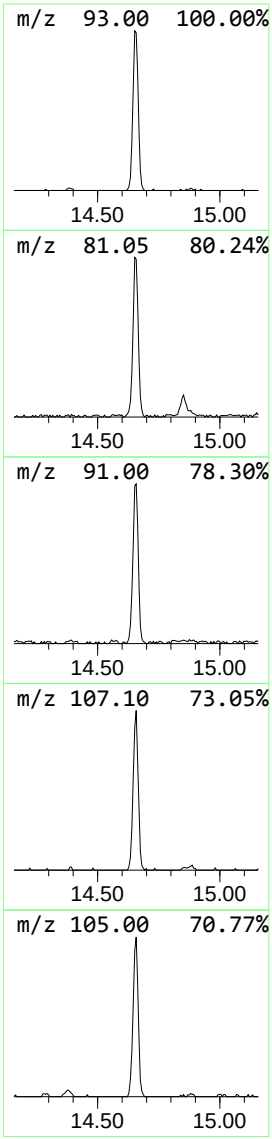
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Benzocycloheptene, 2,4a,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.658	24.87 ng	497508	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	86
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	78
3	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	64
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	64
5	.beta.-Guaiene	204	C15H24	000088-84-6	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

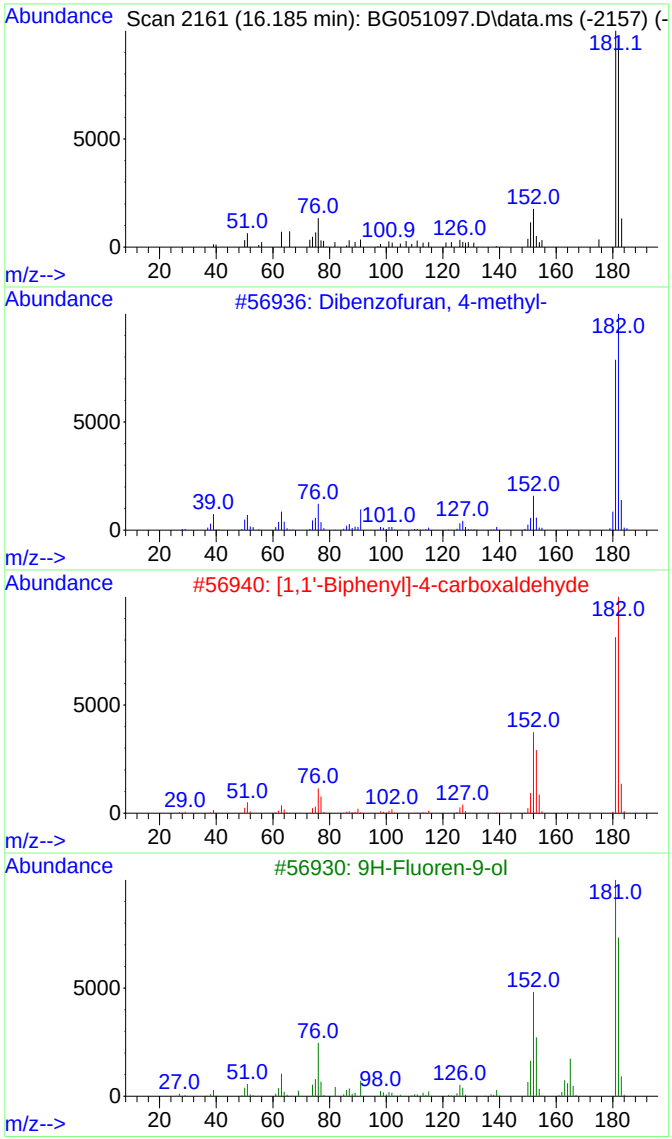
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

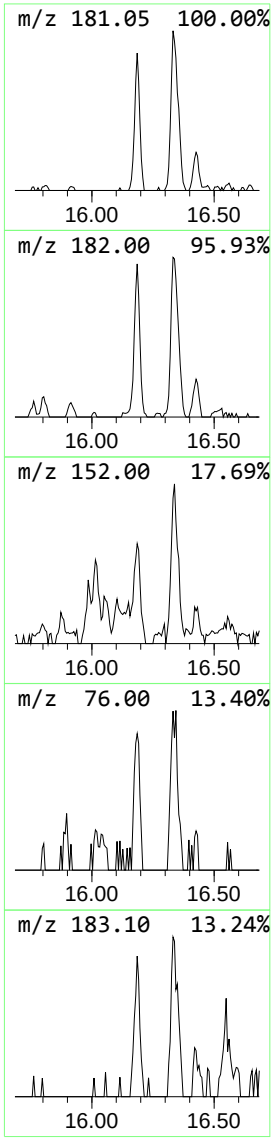
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.185	2.53 ng	50621	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

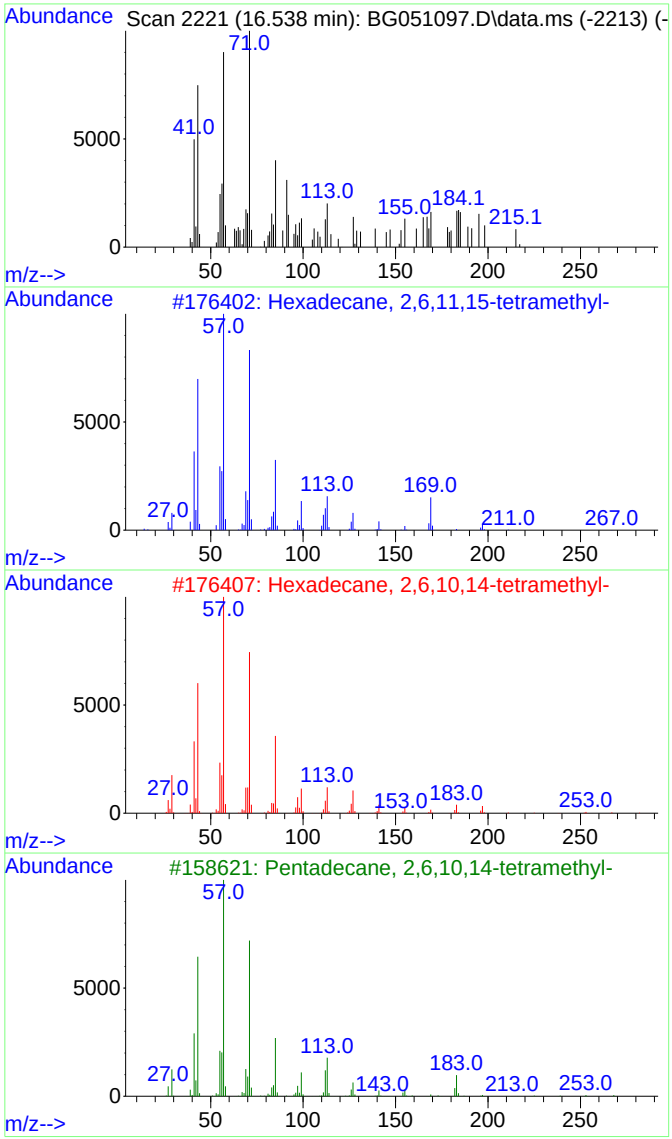
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

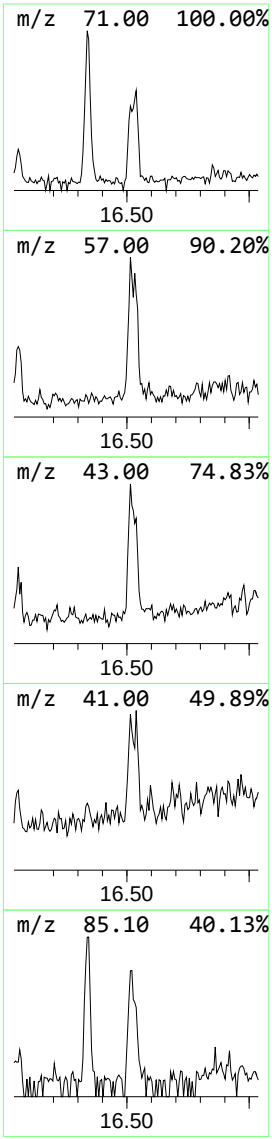
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecane, 2,6,11,15-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.538	2.41 ng	57381	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	58
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

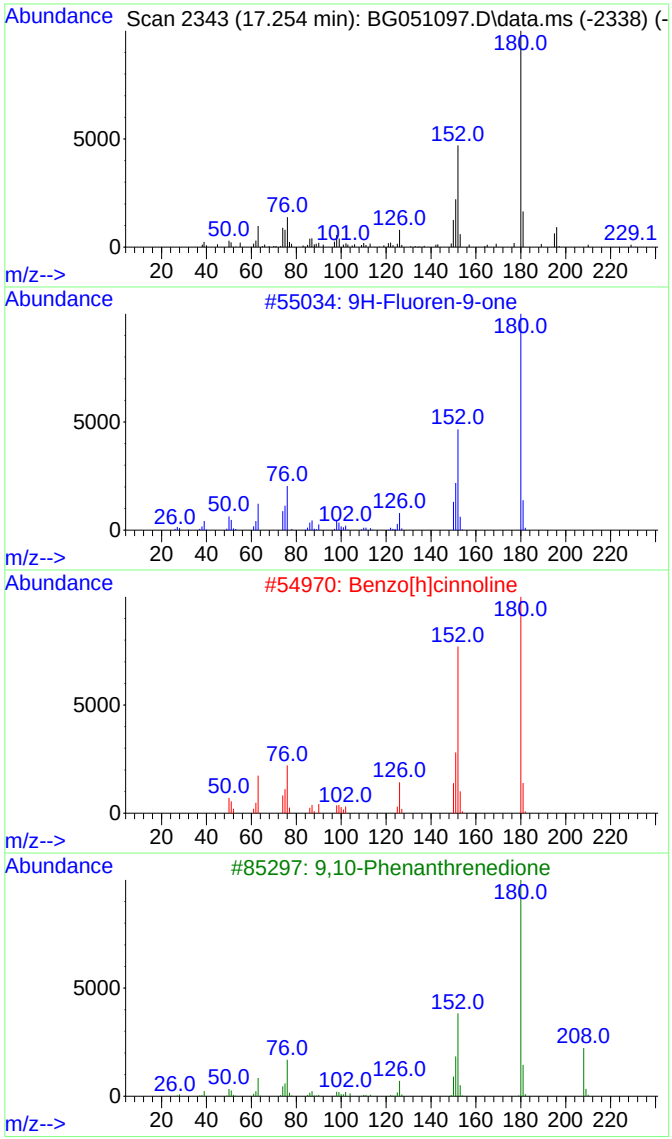
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

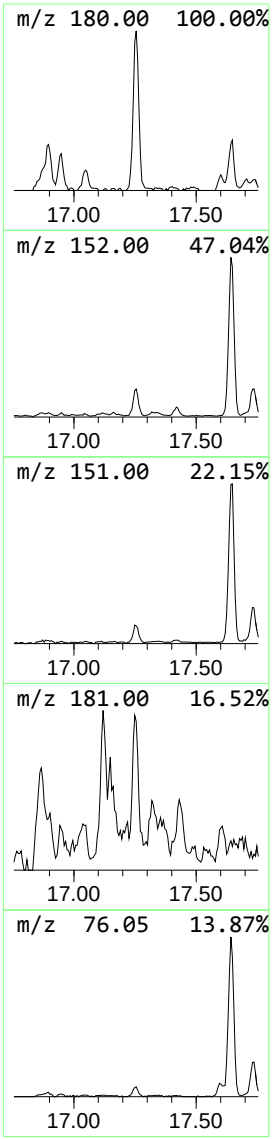
****

Peak Number 7 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.254	3.08 ng	73318	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	Diphenic anhydride	224	C14H8O3	006050-13-1	86
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59





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Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-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

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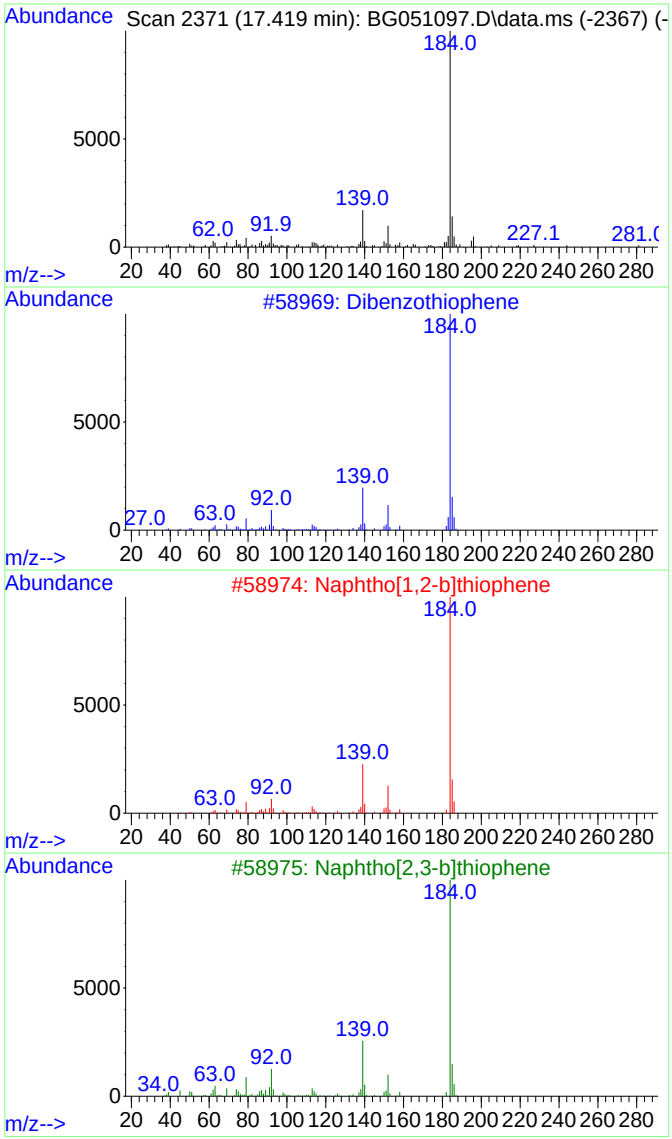
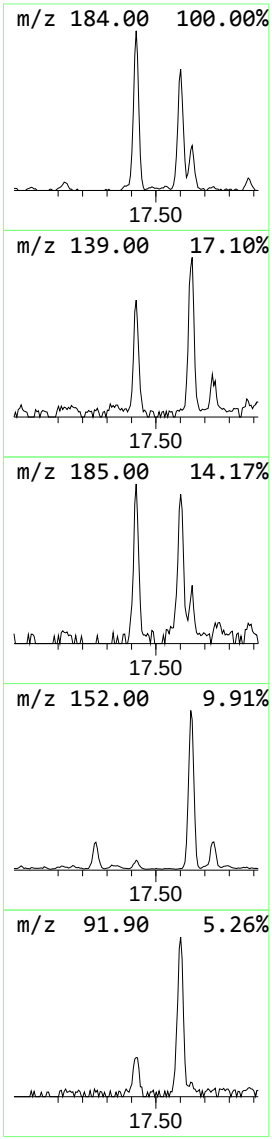
Peak Number 8 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.419	3.75 ng	89317	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	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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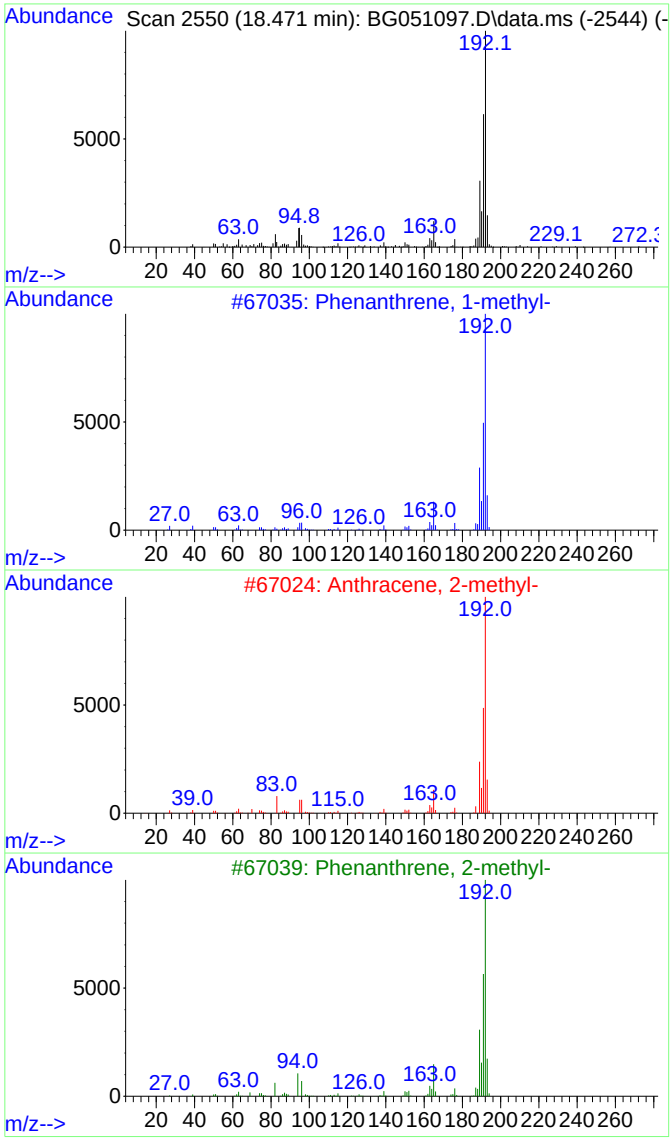
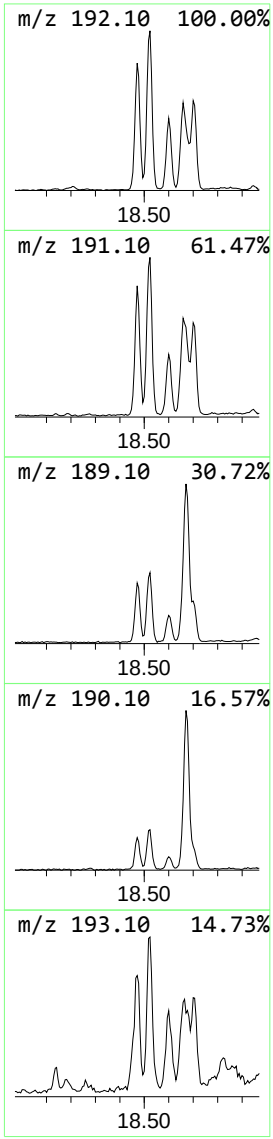
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.471	10.35 ng	246442	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Misc :
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Instrument :
BNA_G
ClientSampleId :
COMP-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

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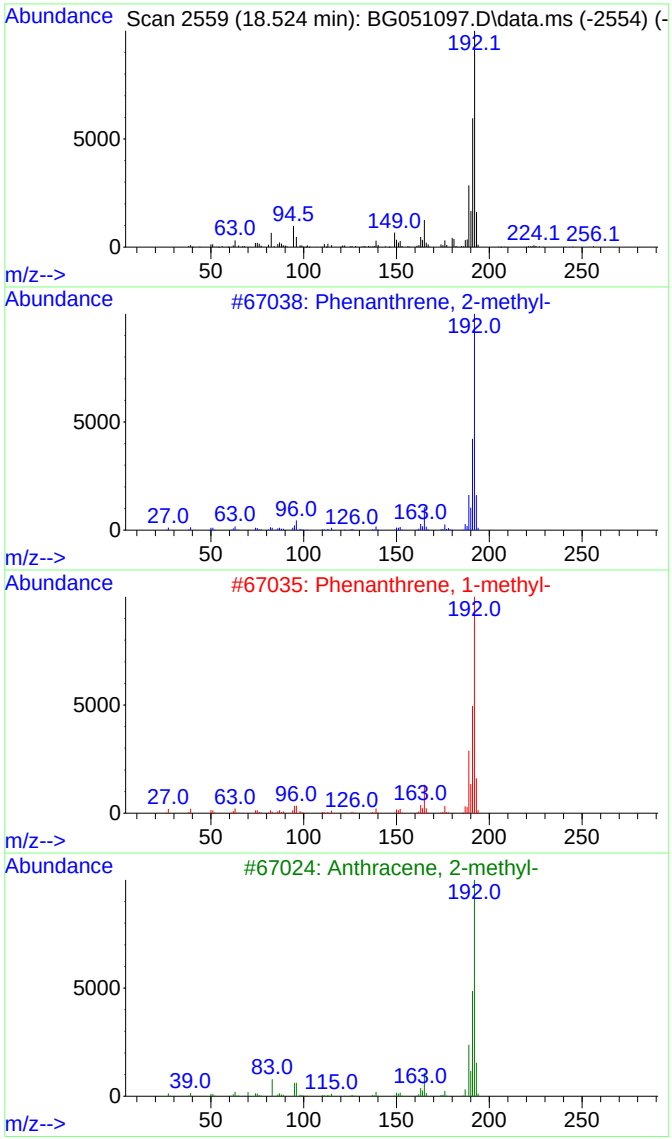
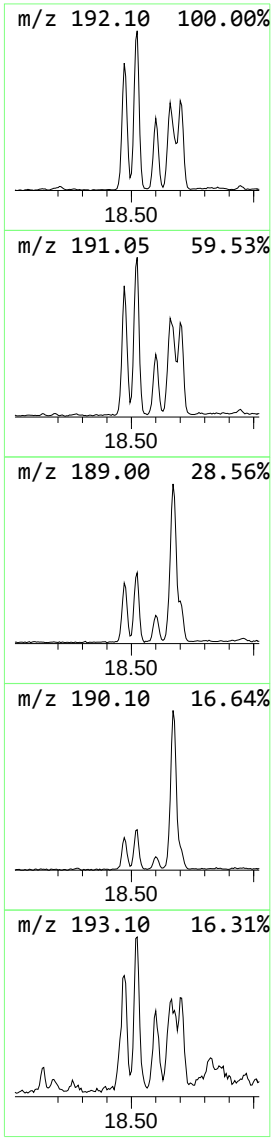
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.523	12.55 ng	298703	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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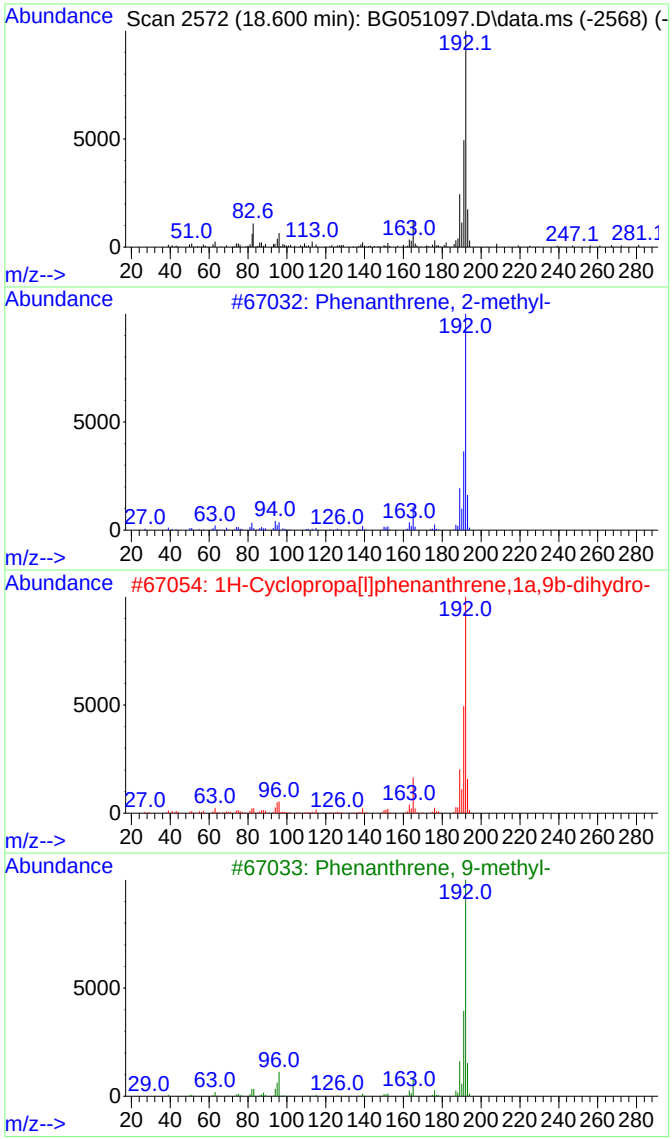
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

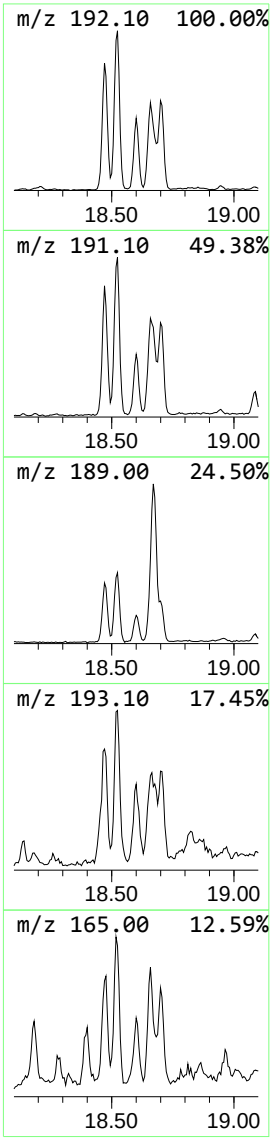
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	4.80 ng	114299	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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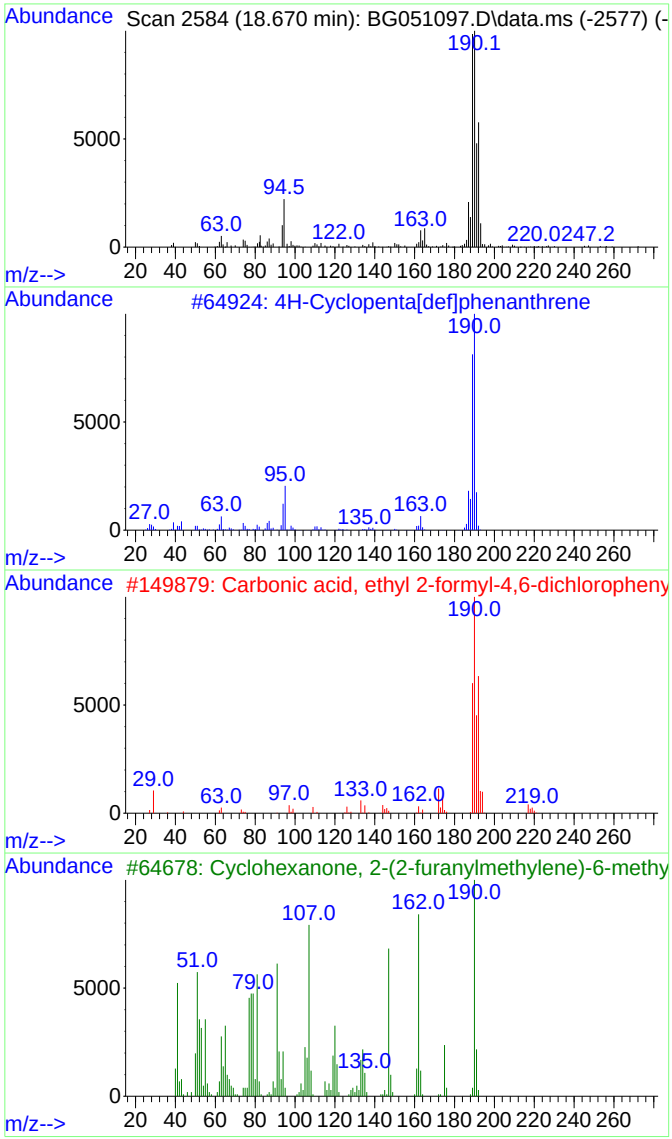
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

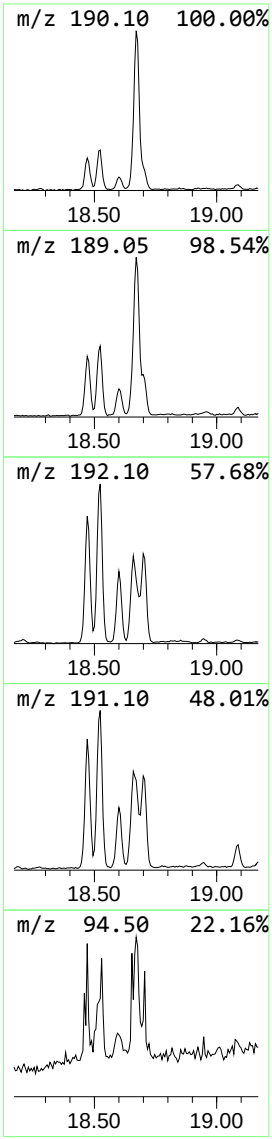
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.670	15.78 ng	375776	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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Sample : M4680-01
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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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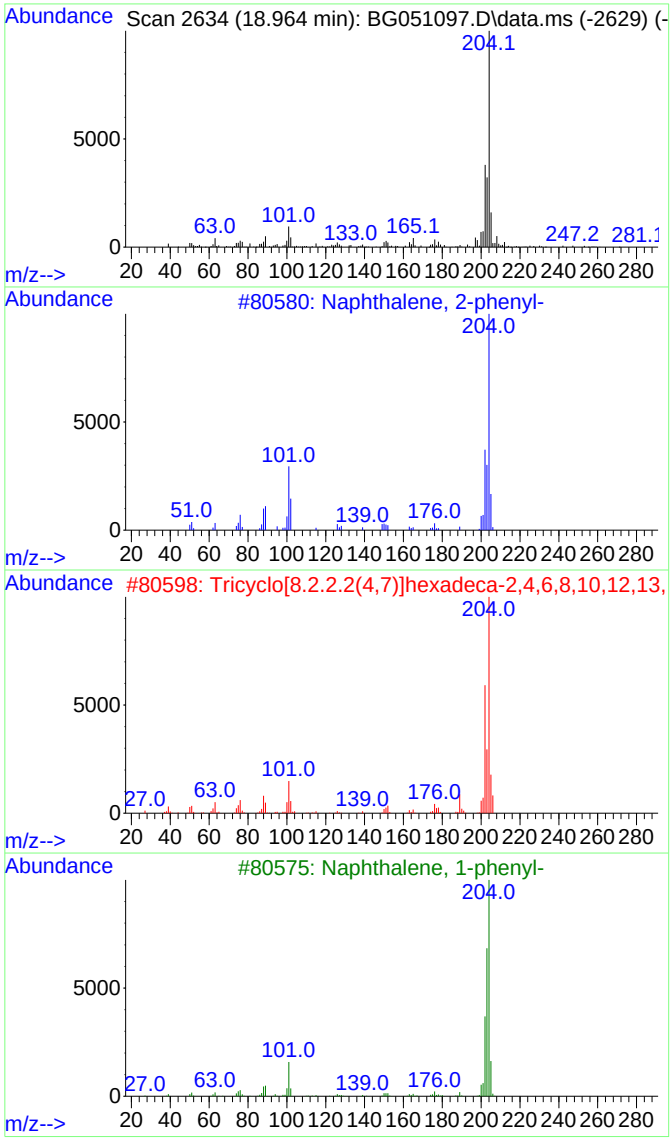
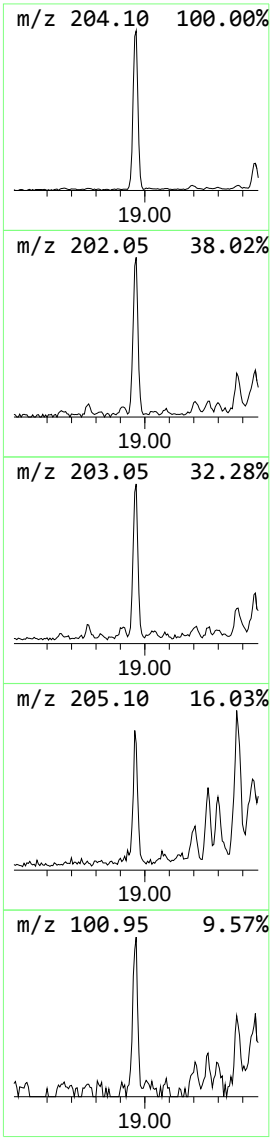
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.964	6.43 ng	153159	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52





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ALS Vial : 13 Sample Multiplier: 1

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

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

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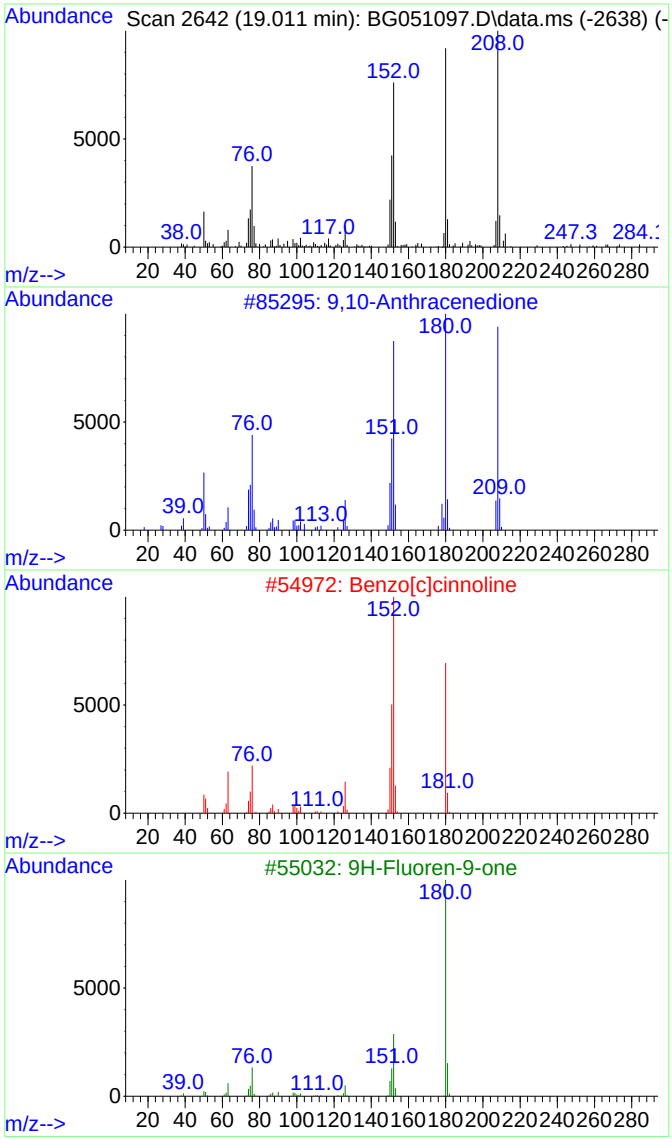
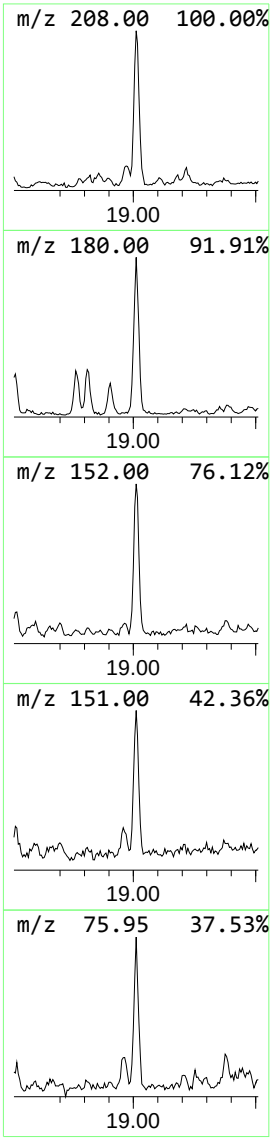
Peak Number 14 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.011	5.11 ng	121726	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

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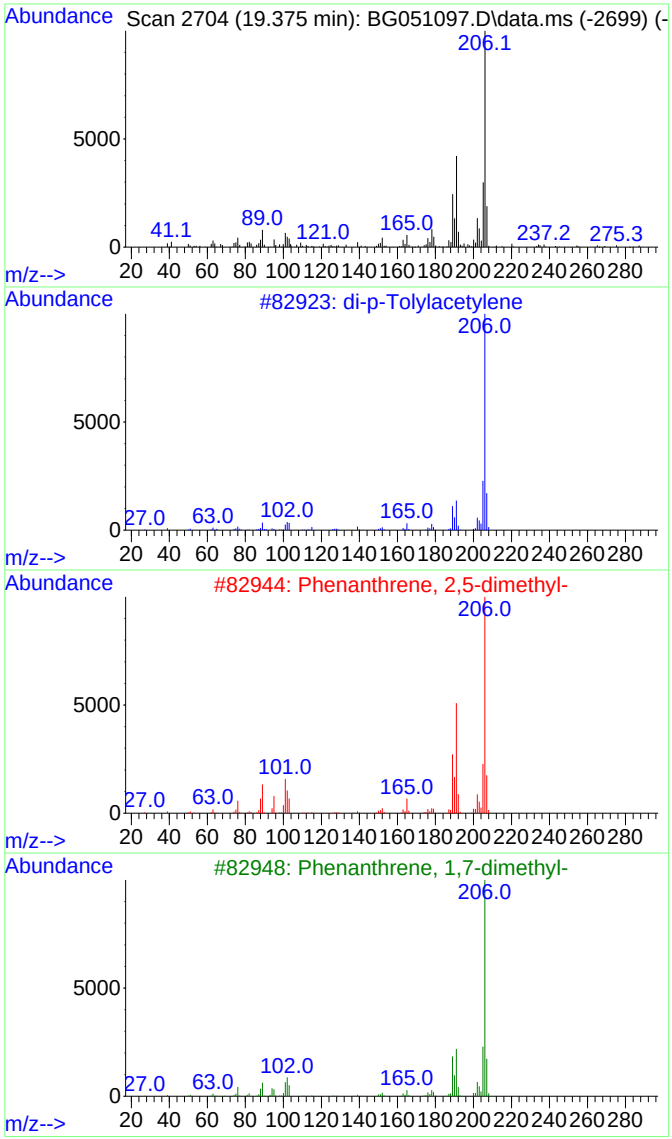
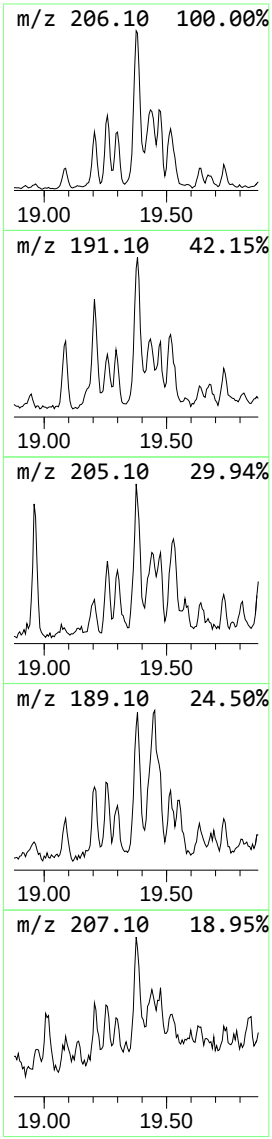
Peak Number 15 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	7.62 ng	181521	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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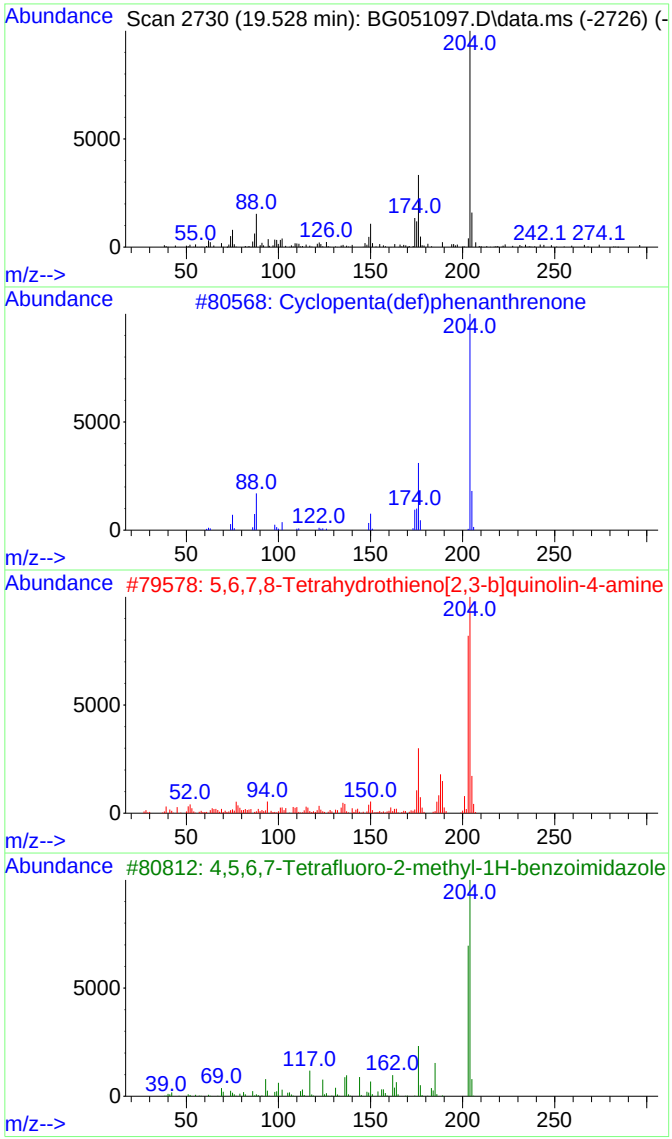
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

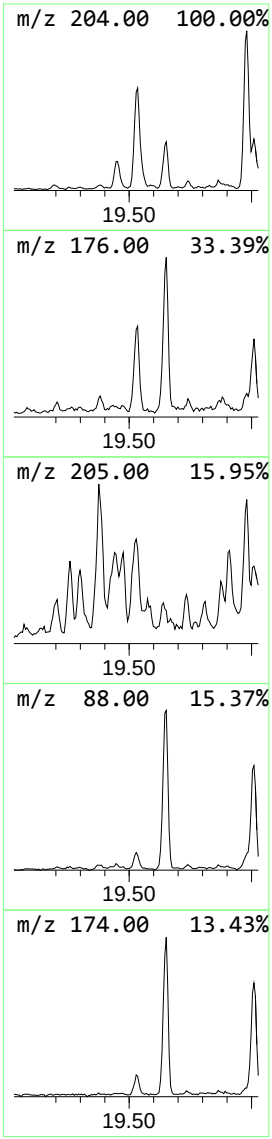
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.528	4.79 ng	114160	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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

TIC Library : C:\Database\NIST20.L
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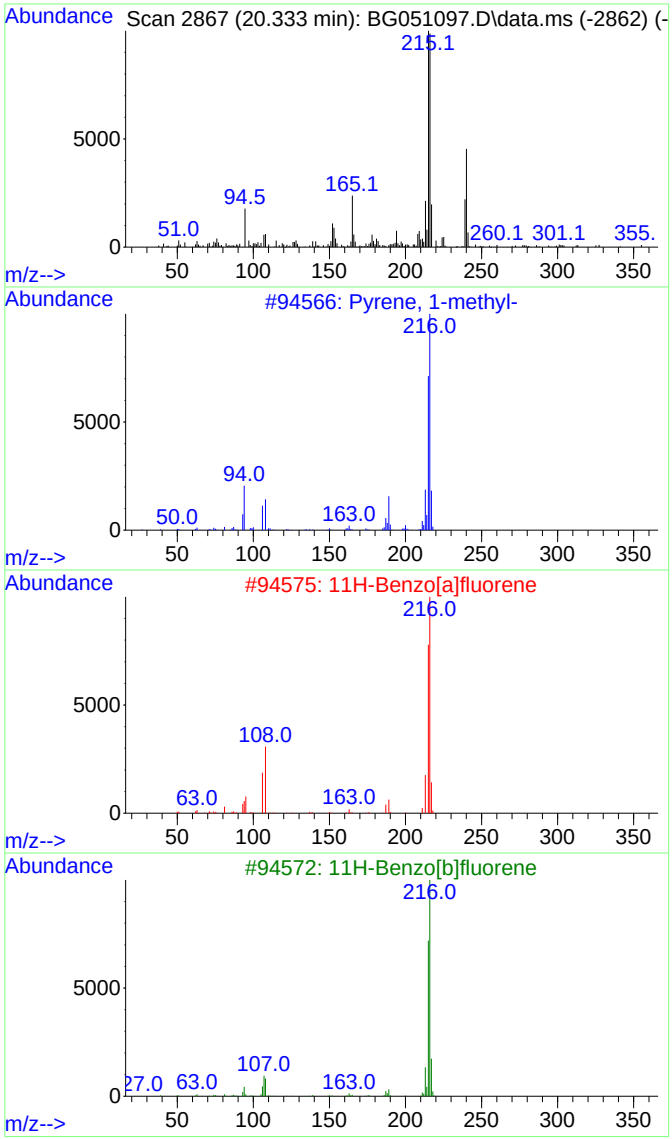
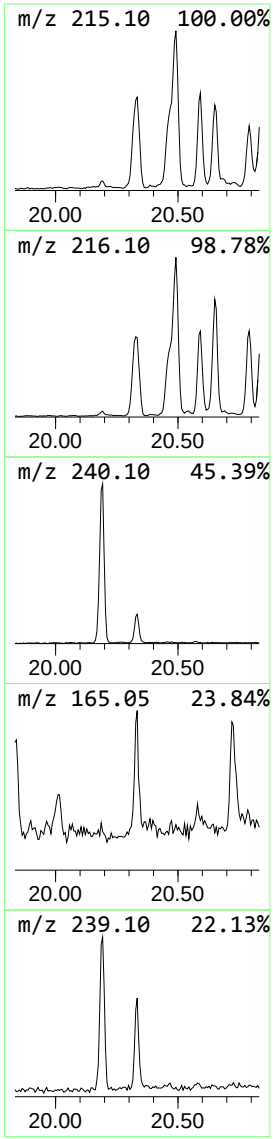
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	3.48 ng	246779	Chrysene-d12	21.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	47





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

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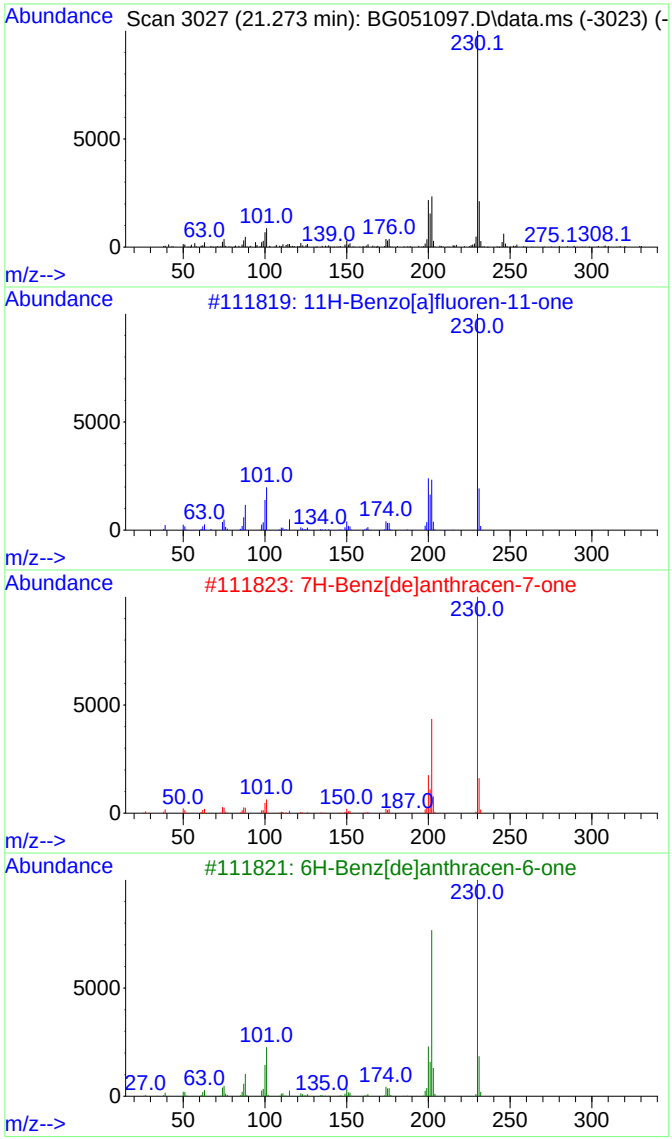
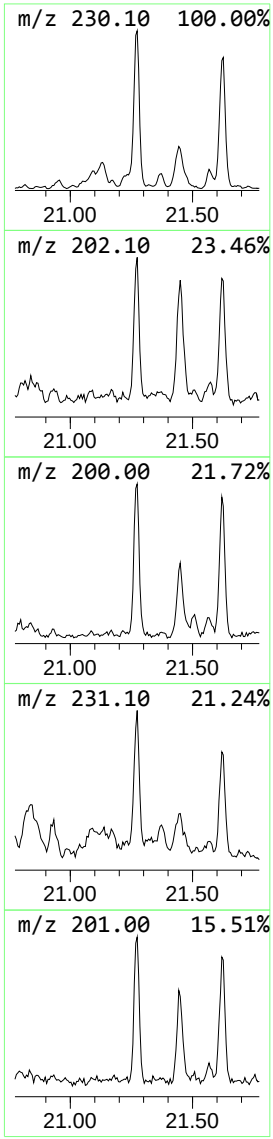
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.273	3.05 ng	216477	Chrysene-d12	21.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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ALS Vial : 13 Sample Multiplier: 1

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BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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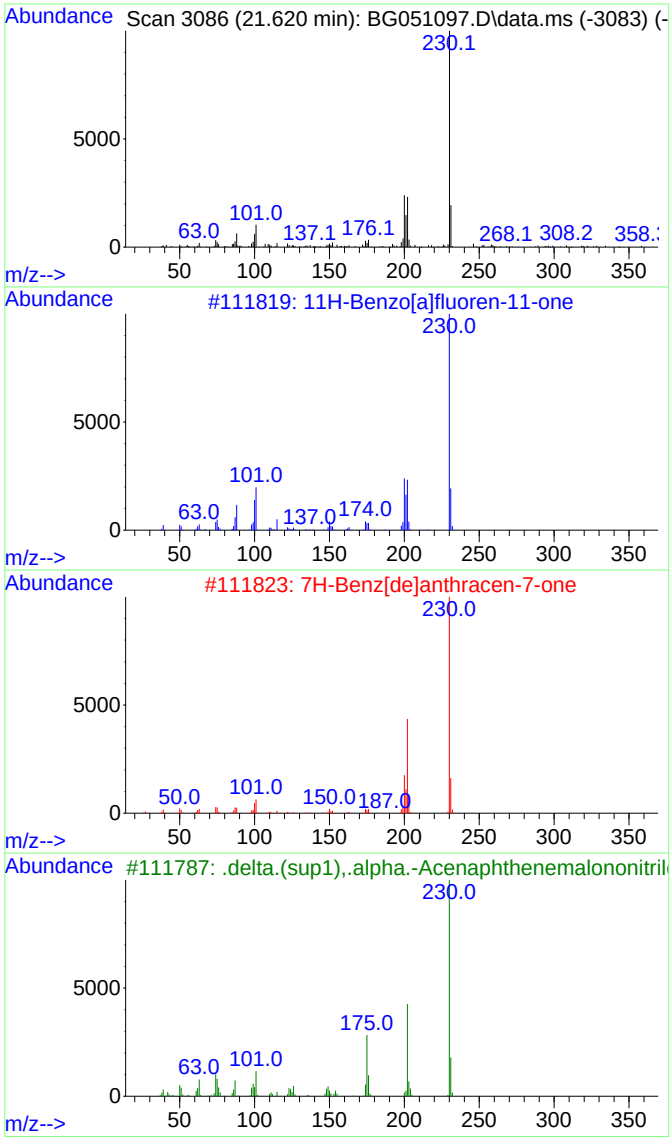
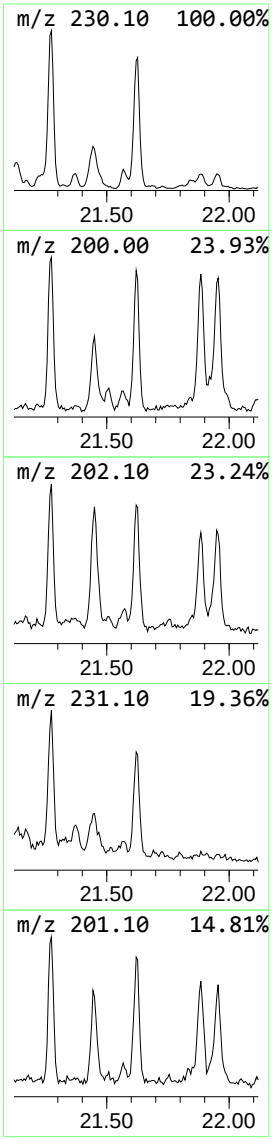
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.620	3.15 ng	223633	Chrysene-d12	21.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	50
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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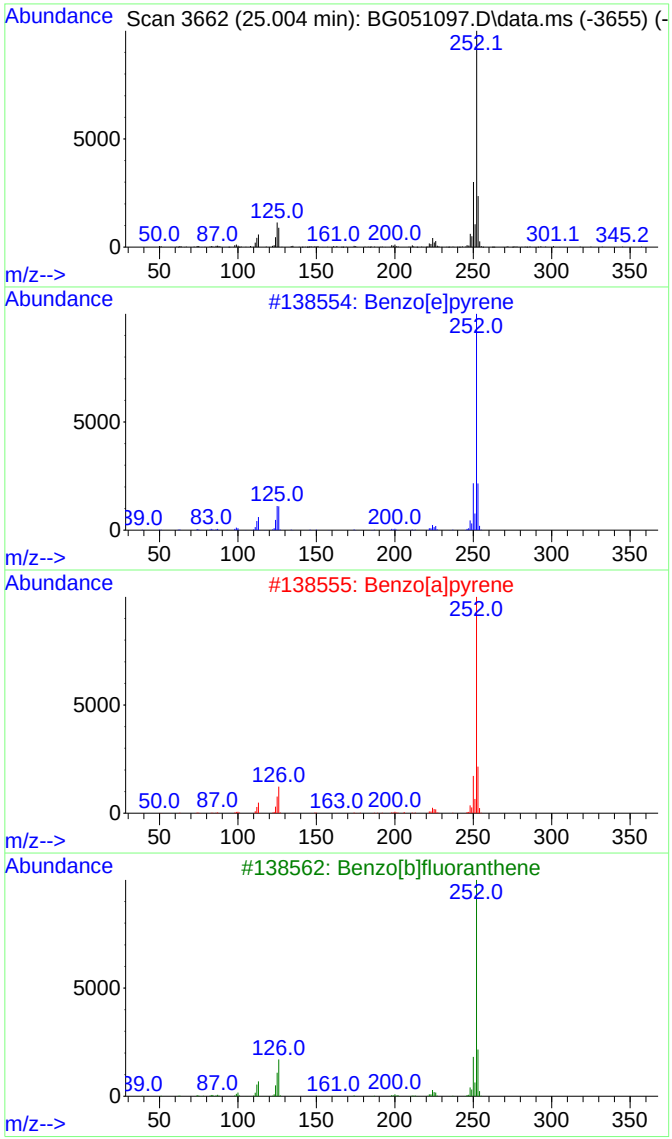
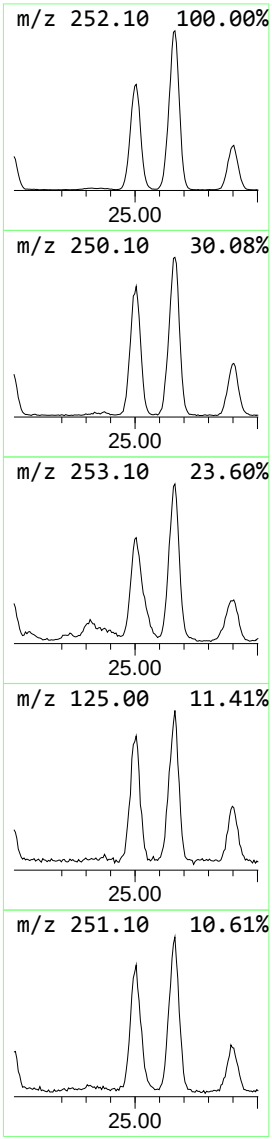
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.004	14.38 ng	629719	Perylene-d12	25.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051097.D
Acq On : 17 Nov 2021 18:21
Operator : CG/JU
Sample : M4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.292	9.1	ng	93324	1	8.224	205099	20.0
Ethanol, 2-(2-b...	10.797	4.2	ng	65492	2	11.050	313656	20.0
Naphthalene, 2,...	14.170	2.3	ng	46567	3	14.851	400126	20.0
1H-Benzocyclohe...	14.658	24.9	ng	497508	3	14.851	400126	20.0
Dibenzofuran, 4...	16.185	2.5	ng	50621	3	14.851	400126	20.0
Hexadecane, 2,6...	16.538	2.4	ng	57381	4	17.601	476204	20.0
9H-Fluoren-9-one	17.254	3.1	ng	73318	4	17.601	476204	20.0
Dibenzothiophene	17.419	3.8	ng	89317	4	17.601	476204	20.0
Phenanthrene, 1...	18.471	10.4	ng	246442	4	17.601	476204	20.0
Phenanthrene, 2...	18.523	12.6	ng	298703	4	17.601	476204	20.0
1H-Cyclopropa[l...	18.600	4.8	ng	114299	4	17.601	476204	20.0
4H-Cyclopenta[d...	18.670	15.8	ng	375776	4	17.601	476204	20.0
Naphthalene, 2-...	18.964	6.4	ng	153159	4	17.601	476204	20.0
9,10-Anthracene...	19.011	5.1	ng	121726	4	17.601	476204	20.0
di-p-Tolylacety...	19.375	7.6	ng	181521	4	17.601	476204	20.0
Cyclopenta(def)...	19.528	4.8	ng	114160	4	17.601	476204	20.0
Pyrene, 1-methyl-	20.333	3.5	ng	246779	5	21.902	1419210	20.0
11H-Benzo[a]flu...	21.273	3.0	ng	216477	5	21.902	1419210	20.0
7H-Benz[de]anth...	21.620	3.1	ng	223633	5	21.902	1419210	20.0
Benzo[e]pyrene	25.004	14.4	ng	629719	6	25.321	875920	20.0