LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 360

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: BG059733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.380	335	339	344	rVB3	15705	28226	1.83%	0.190%
2	5.838	411	417	426	rBV	439994	757045	49.19%	5.096%
3	7.460	686	693	703	rVB	502712	884579	57.48%	5.954%
4	8.341	835	843	850	rBV	177348	305262	19.84%	2.055%
5	9.540	1039	1047	1056	rBV	342862	613654	39.88%	4.131%
6	11.185	1320	1327	1334	rBV	199732	374581	24.34%	2.521%
7	13.588	1730	1736	1743	rBV	850859	1294565	84.12%	8.714%
8	13.794	1766	1771	1776	rBV4	41381	66749	4.34%	0.449%
9	14.969	1964	1971	1978	rVB2	292774	471238	30.62%	3.172%
10	15.022	1978	1980	1984	rBV3	10607	16043	1.04%	0.108%
11	15.157	1998	2003	2008	rVB5	11640	19276	1.25%	0.130%
12	15.233	2013	2016	2023	rVB4	20418	35752	2.32%	0.241%
13	16.449	2216	2223	2230	rBV	643875	930639	60.47%	6.264%
14	17.037	2320	2323	2329	rVB7	11254	17810	1.16%	0.120%
15	17.372	2377	2380	2385	rVB2	12755	18670	1.21%	0.126%
16	17.536	2406	2408	2411	rVB3	15456	16701	1.09%	0.112%
17	17.713	2432	2438	2443	rBV	320551	520663	33.83%	3.505%
18	17.760	2443	2446	2451	rVB	124306	167324	10.87%	1.126%
19	17.848	2457	2461	2466	rVB2	31793	46303	3.01%	0.312%
20	17.907	2469	2471	2475	rBV2	14170	15801	1.03%	0.106%
21	18.130	2503	2509	2514	rBV3	33842	59869	3.89%	0.403%
22	18.224	2522	2525	2530	rBV6	10760	20098	1.31%	0.135%
23	18.406	2550	2556	2557	rBV5	15142	22523	1.46%	0.152%
24	18.535	2572	2578	2582	rBV2	236882	317751	20.65%	2.139%
25	18.582	2582	2586	2589	rVV4	32377	47373	3.08%	0.319%
26	18.629	2590	2594	2599	rVB4	35731	46691	3.03%	0.314%
27	18.770	2613	2618	2619	rBV4	25100	33521	2.18%	0.226%
28	18.811	2622	2625	2632	rVB6	20463	34563	2.25%	0.233%
29	19.070	2664	2669	2673	rBV4	25242	44651	2.90%	0.301%
30	19.123	2673	2678	2683	rVB3	53349	71884	4.67%	0.484%
31	19.311	2707	2710	2715	rVB6	12438	15952	1.04%	0.107%
32	19.475	2734	2738	2742	rBV4	22460	33417	2.17%	0.225%
33	19.640	2758	2766	2769	rBV6	32240	77131	5.01%	0.519%
34	19.681	2769	2773	2775	rVV4	51337	56355	3.66%	0.379%
35	19.751	2780	2785	2789	rVV	464202	624562	40.59%	4.204%
36	19.793	2789	2792	2797	rVV2	164031	210833	13.70%	1.419%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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	19.845	2799	2801	2806	rVB6	21092	19822	1.29%	0.133%
38	20.004	2823	2828	2831	rBV6	22619	38789	2.52%	0.261%
39	20.075	2833	2840	2843	rBV3	72218	144842	9.41%	0.975%
40	20.116	2843	2847	2853	rVV	336905	479855	31.18%	3.230%
41	20.174	2853	2857	2863	rVB7	22208	41290	2.68%	0.278%
42	20.292	2870	2877	2885	rBV	1220501	1538889	100.00%	10.359%
43	20.415	2893	2898	2899	rBV5	32869	49654	3.23%	0.334%
44	20.533	2914	2918	2919	rBV4	26188	24642	1.60%	0.166%
45	20.592	2925	2928	2934	rVB2	41915	60268	3.92%	0.406%
46	20.691	2941	2945	2946	rBV4	25187	32772	2.13%	0.221%
47	20.891	2976	2979	2984	rBV5	20430	31620	2.05%	0.213%
48	20.938	2984	2987	2988	rBV3	16903	16988	1.10%	0.114%
49	21.385	3058	3063	3070	rBV	66047	109758	7.13%	0.739%
50	21.585	3091	3097	3102	rBV7	82726	160826	10.45%	1.083%
51	21.637	3102	3106	3109	rVB4	41113	62025	4.03%	0.418%
52	21.690	3110	3115	3118	rBV4	24543	47077	3.06%	0.317%
53	21.743	3121	3124	3131	rVB	52985	86265	5.61%	0.581%
54	22.043	3161	3175	3180	rBV3	314404	882010	57.31%	5.937%
55	22.096	3180	3184	3190	rVB2	166726	311563	20.25%	2.097%
56	22.260	3208	3212	3215	rVB5	21747	31451	2.04%	0.212%
57	22.478	3245	3249	3251	rBV3	11434	16844	1.09%	0.113%
58	22.830	3302	3309	3312	rBV7	42646	82581	5.37%	0.556%
59	22.918	3321	3324	3326	rBV4	22103	28124	1.83%	0.189%
60	23.142	3357	3362	3366	rBV7	29607	49922	3.24%	0.336%
61	23.582	3432	3437	3440	rBV7	35419	56740	3.69%	0.382%
62	23.988	3500	3506	3507	rBV6	21889	32798	2.13%	0.221%
63	24.469	3578	3588	3597	rBV2	153691	560297	36.41%	3.771%
64	24.746	3629	3635	3636	rBV5	28457	40134	2.61%	0.270%
65	25.286	3719	3727	3734	rBV2	85297	218864	14.22%	1.473%
66	25.451	3745	3755	3766	rBV	101316	290211	18.86%	1.953%
67	25.627	3775	3785	3794	rBV2	141168	442544	28.76%	2.979%
68	26.784	3978	3982	3985	rBV6	15646	30060	1.95%	0.202%
69	26.966	4008	4013	4016	rBV7	16477	34238	2.22%	0.230%
70	28.471	4266	4269	4270	rBV3	14941	15570	1.01%	0.105%
71	29.264	4399	4404	4405	rBV5	19969	31846	2.07%	0.214%
72	29.781	4481	4492	4496	rBV3	84927	278190	18.08%	1.873%
73	31.073	4708	4712	4713	rBV2	33045	41561	2.70%	0.280%
74	31.661	4810	4812	4815	rVB4	22575	23564	1.53%	0.159%
75	31.696	4815	4818	4821	rBV5	27602	37205	2.42%	0.250%
76	32.078	4881	4883	4888	rVB6	16211	22902	1.49%	0.154%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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	32.249	4910	4912	4914	rBV3	15714	15848	1.03%	0.107%
78	32.442	4944	4945	4949	rBV4	19893	17588	1.14%	0.118%

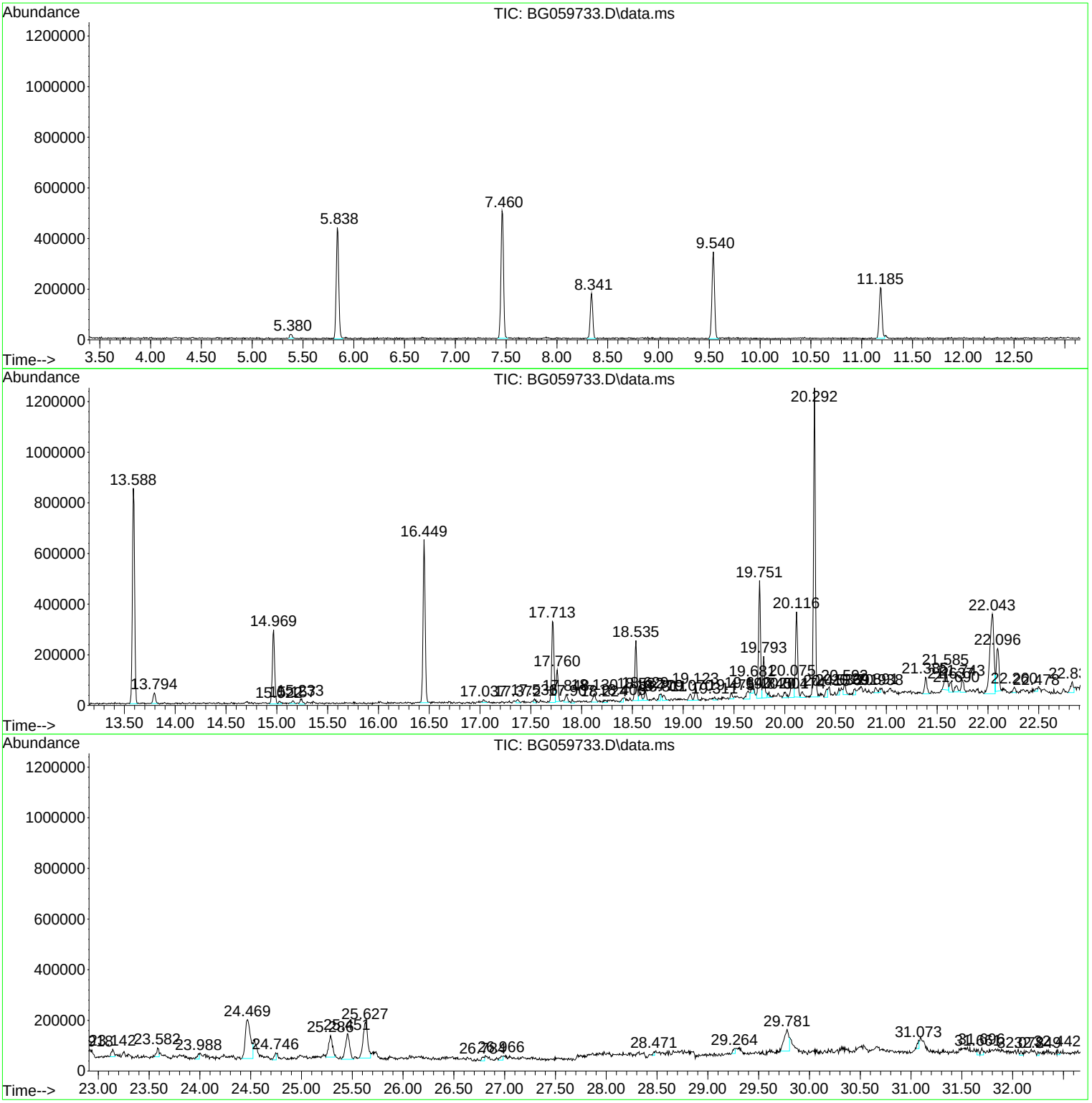
Sum of corrected areas: 14856092

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

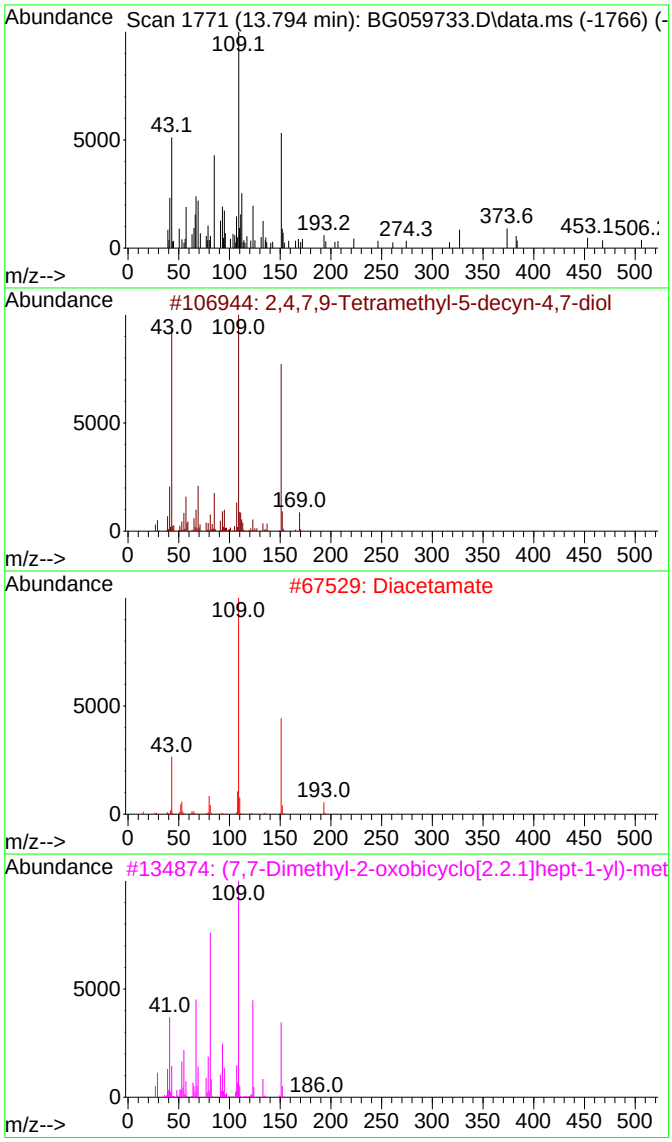
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

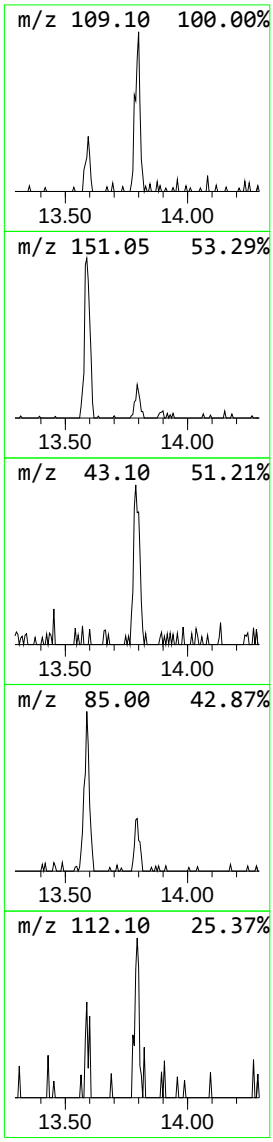
****

Peak Number 1 unknown13.794 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.794	2.83 ng	66749	Acenaphthene-d10	14.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	47
2	Diacetamate	193	C10H11NO3	002623-33-8	38
3	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	38
4	N-(4-tert-Butoxyphenyl)acetamide	207	C12H17NO2	002109-73-1	38
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

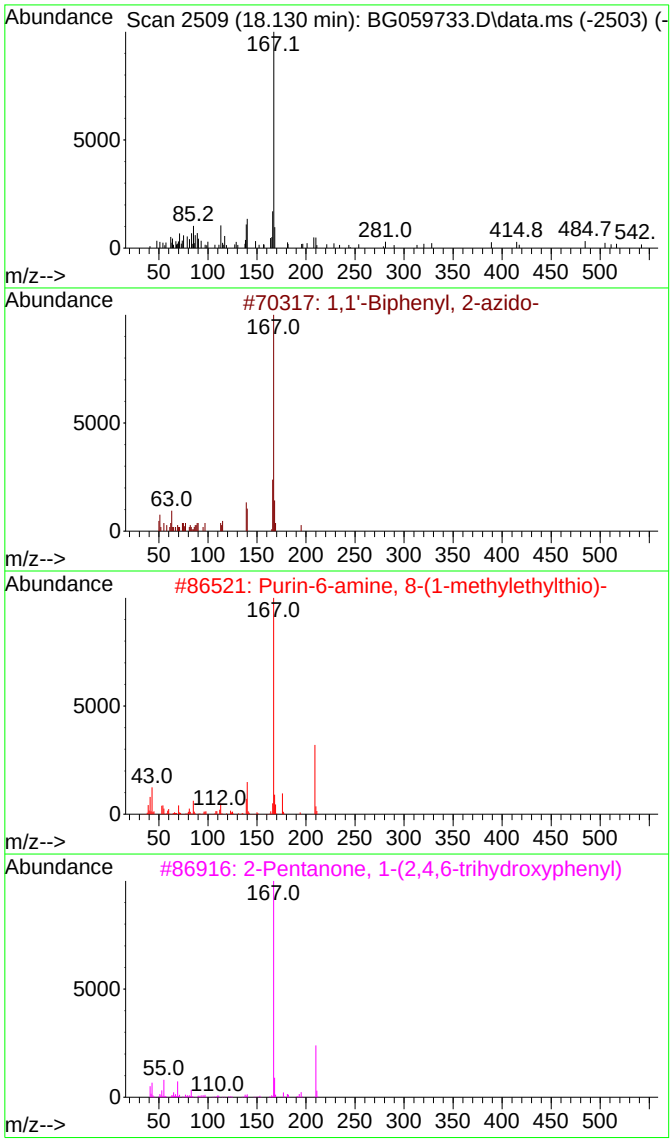
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

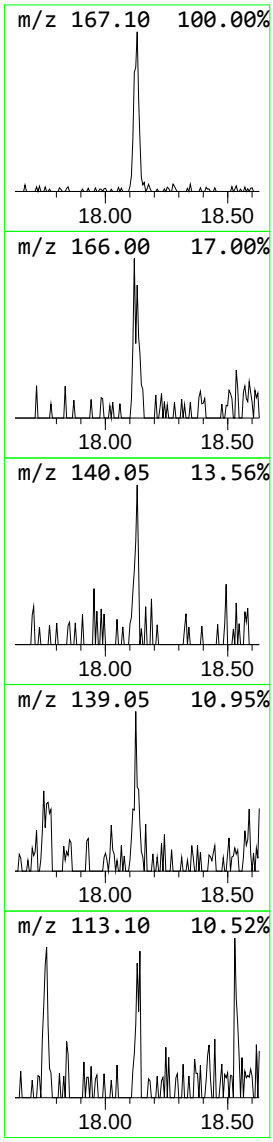
****

Peak Number 2 1,1'-Biphenyl, 2-azido- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	2.30 ng	59869	Phenanthrene-d10	17.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	68
2	Purin-6-amine, 8-(1-methylethylt...	209	C8H11N5S	330982-99-5	64
3	2-Pentanone, 1-(2,4,6-trihydroxy...	210	C11H14O4	1000116-22-3	64
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	59
5	Acetonitrile, 2-(2-azulenyl)-	167	C12H9N	054798-12-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

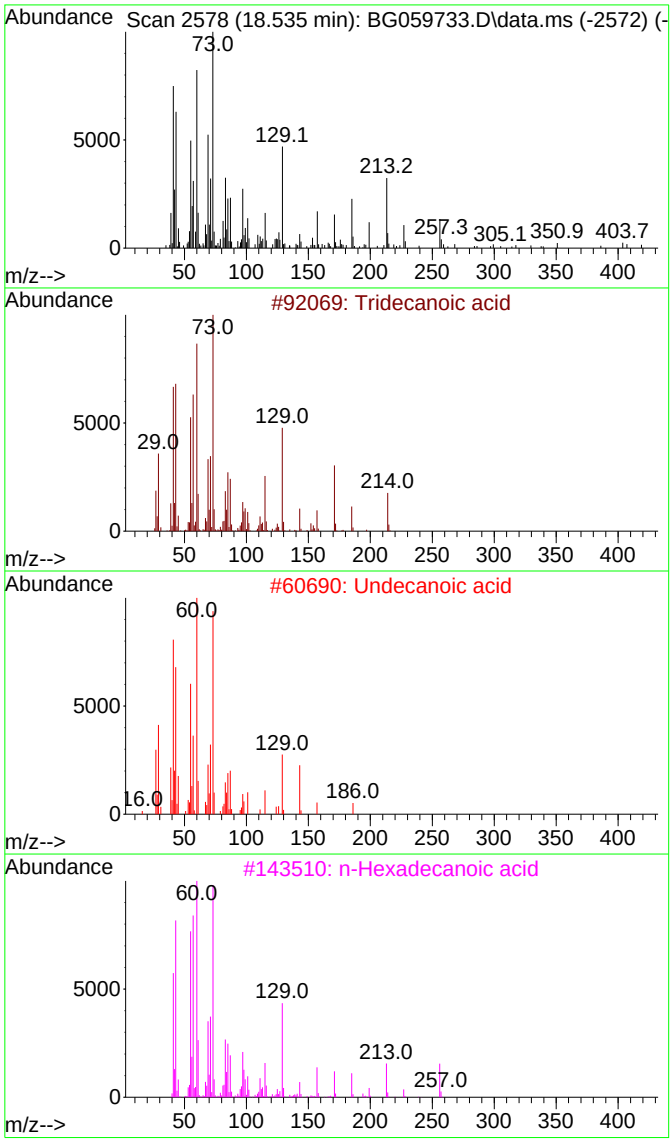
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

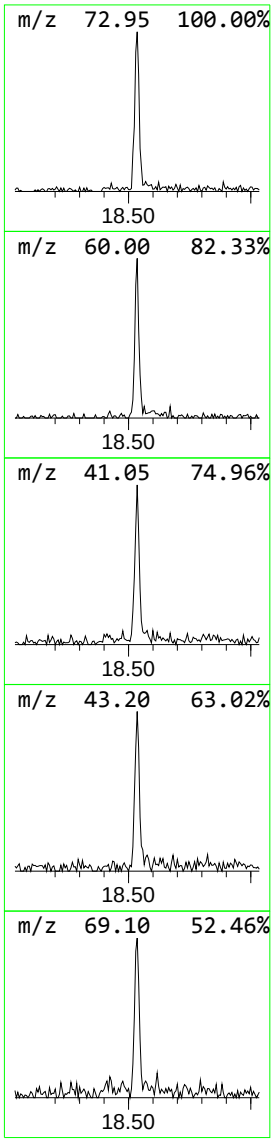
****

Peak Number 3 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.535	12.21 ng	317751	Phenanthrene-d10	17.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

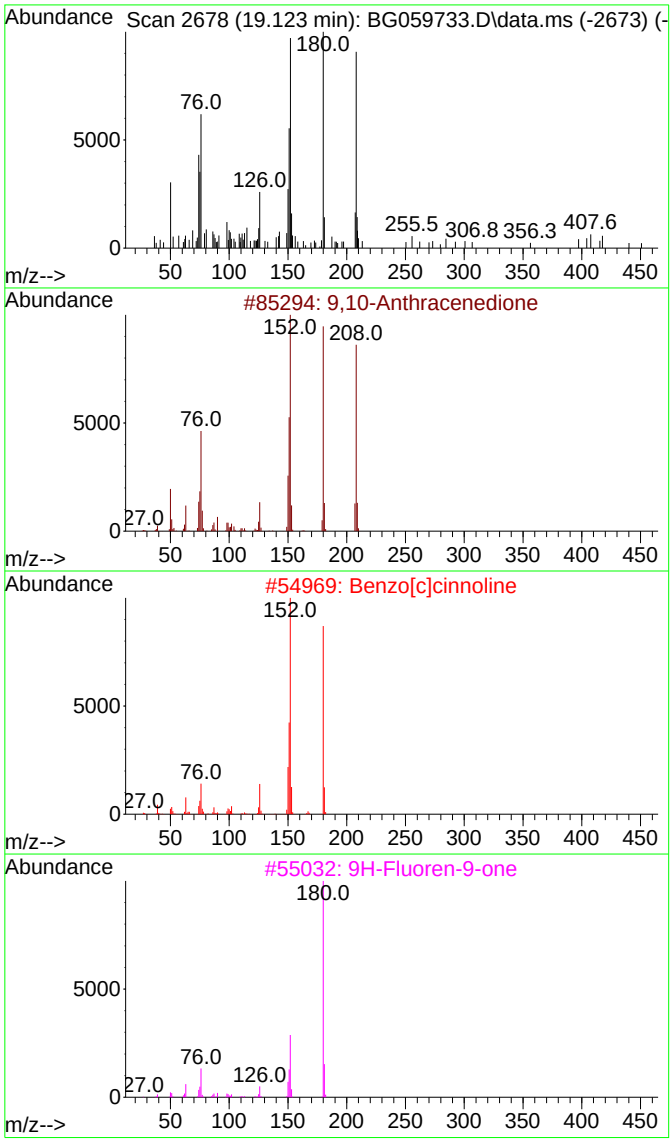
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

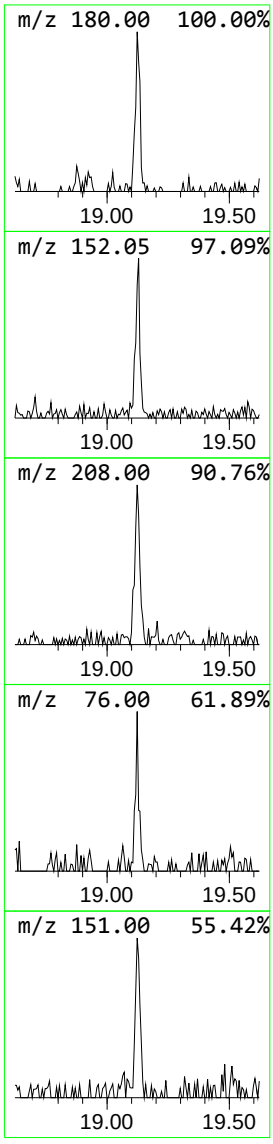
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.123	2.76 ng	71884	Phenanthrene-d10	17.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	62
5	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

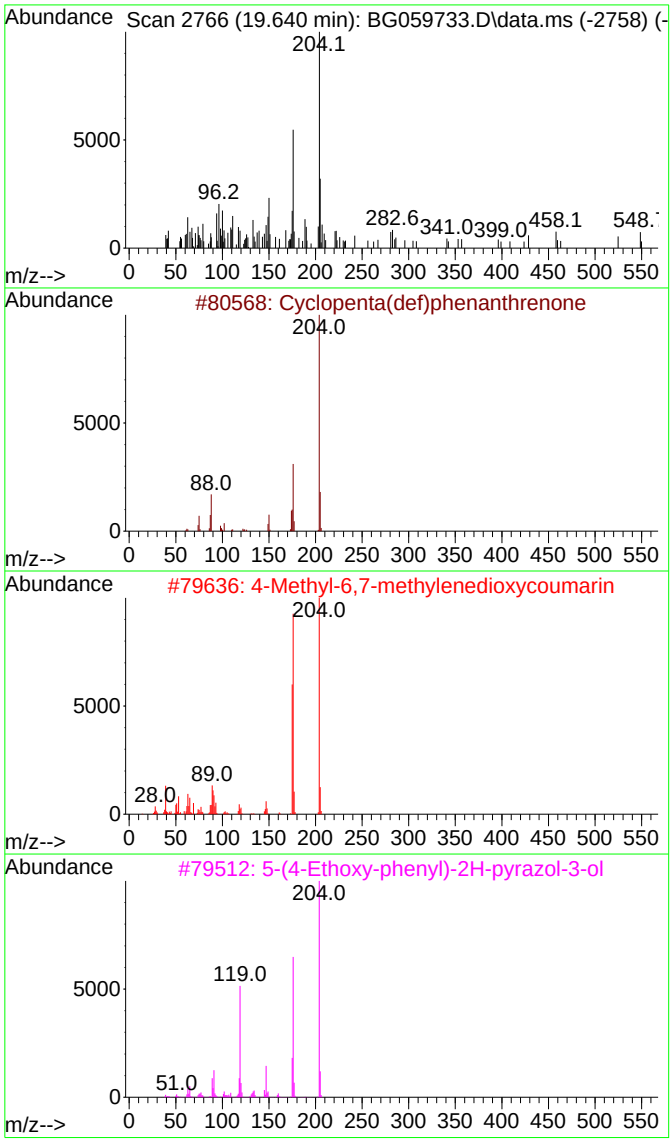
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

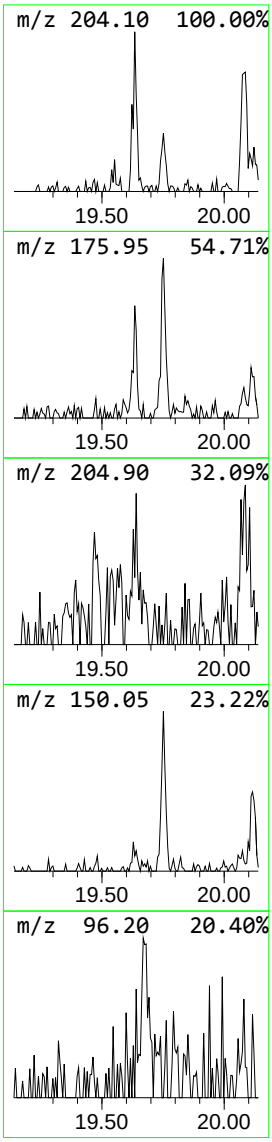
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.640	2.96 ng	77131	Phenanthrene-d10	17.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	59
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	53
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	Butanoic acid, 2-(pentafluoropro...	291	C10H14F5NO3	1000139-20-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

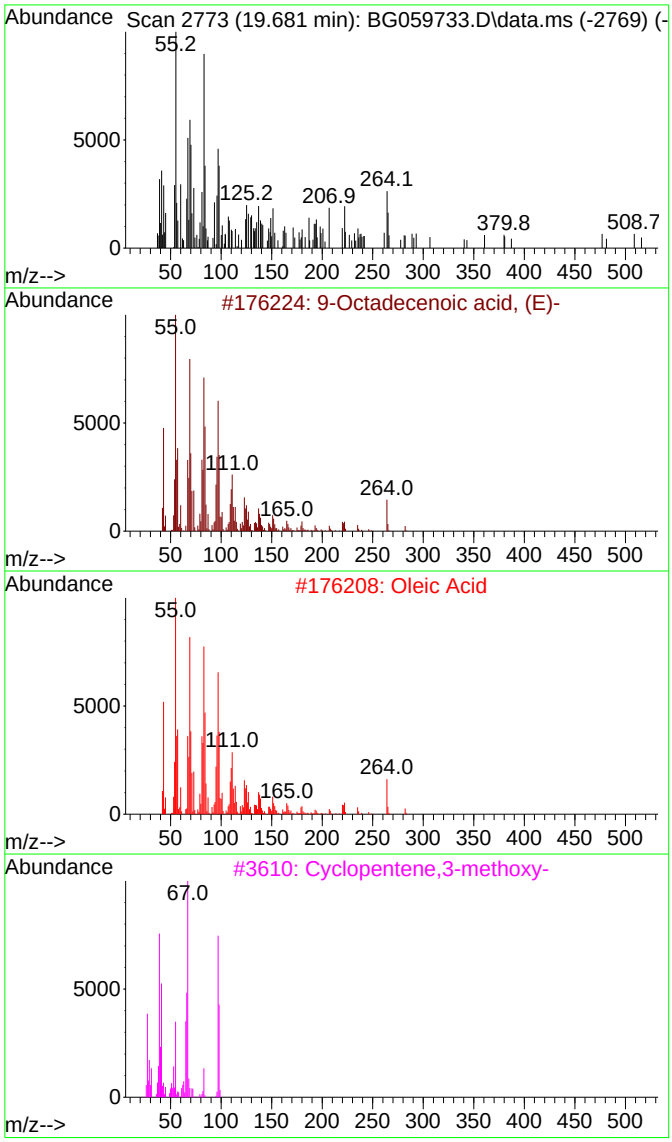
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

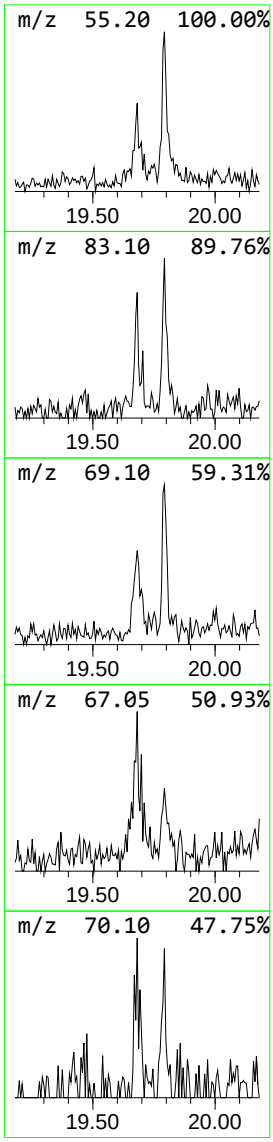
****

Peak Number 6 unknown19.681 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.681	2.16 ng	56355	Phenanthrene-d10	17.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	41
2	Oleic Acid	282	C18H34O2	000112-80-1	41
3	Cyclopentene,3-methoxy-	98	C6H10O	039819-74-4	35
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	35
5	Cyclohexanamine, N-cyclooctylidene-	207	C14H25N	054699-42-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

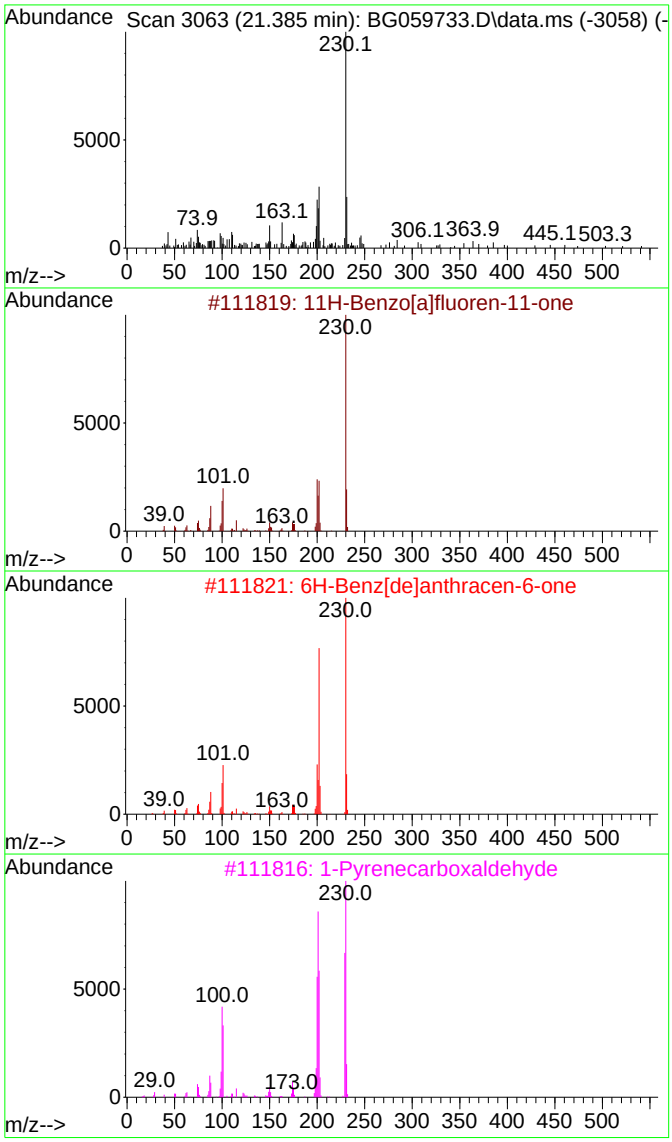
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

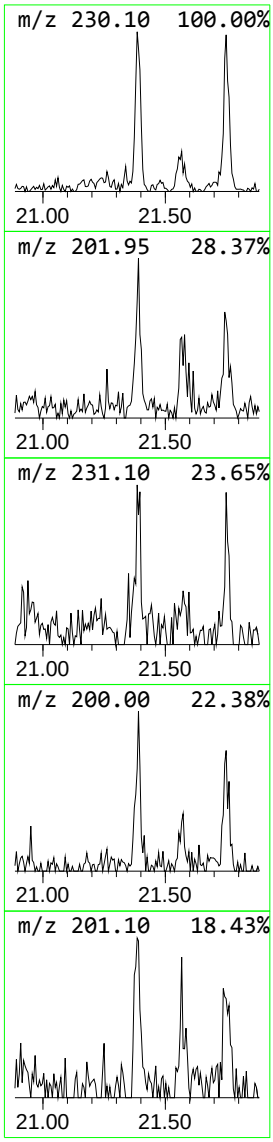
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.385	2.49 ng	109758	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	p-Terphenyl	230	C18H14	000092-94-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

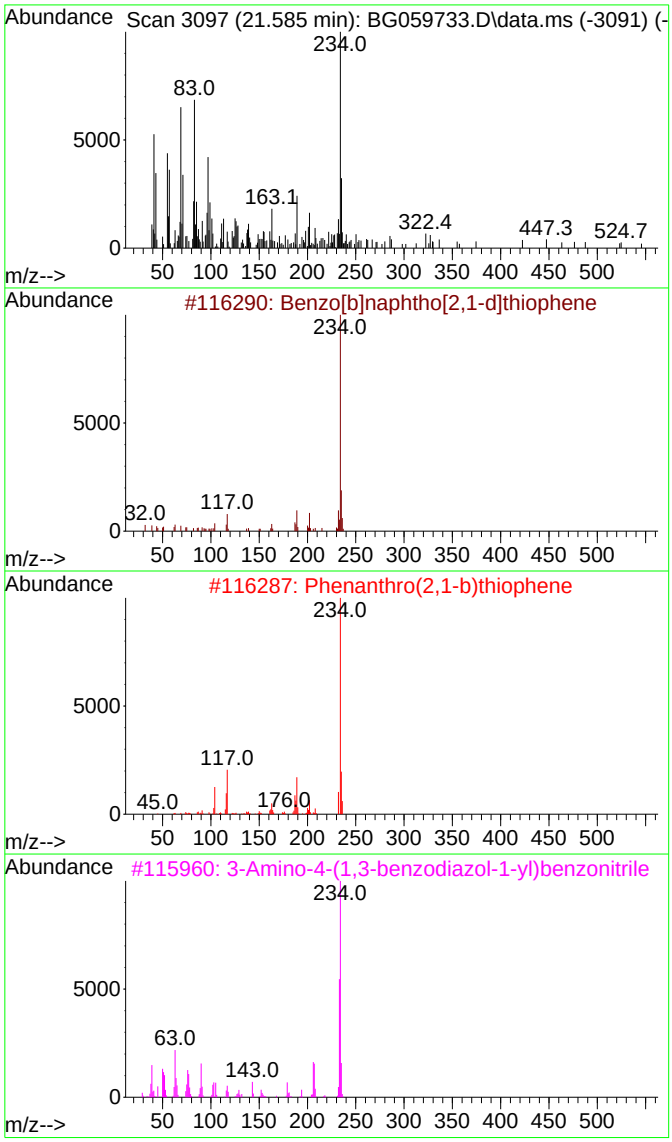
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

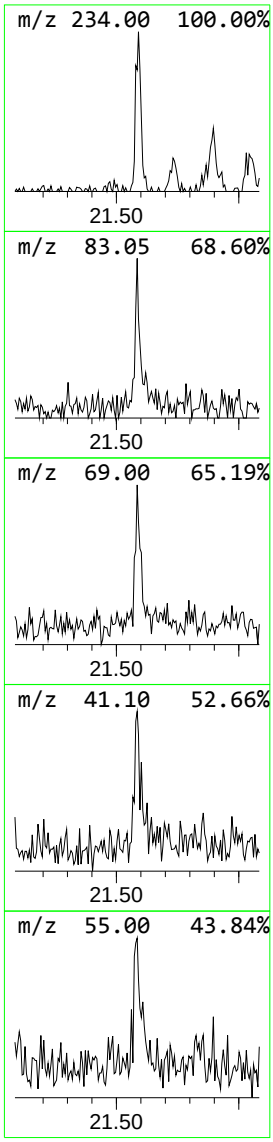
****

Peak Number 8 unknown21.585 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.585	3.65 ng	160826	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	49
2	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	47
3	3-Amino-4-(1,3-benzodiazol-1-yl)...	234	C14H10N4	1010444-00-7	43
4	Thiazol-2-amine, 4-(1-adamantyl)-	234	C13H18N2S	019735-74-1	43
5	N-(3-Methylphenyl)-4-quinazolina...	235	C15H13N3	111157-71-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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

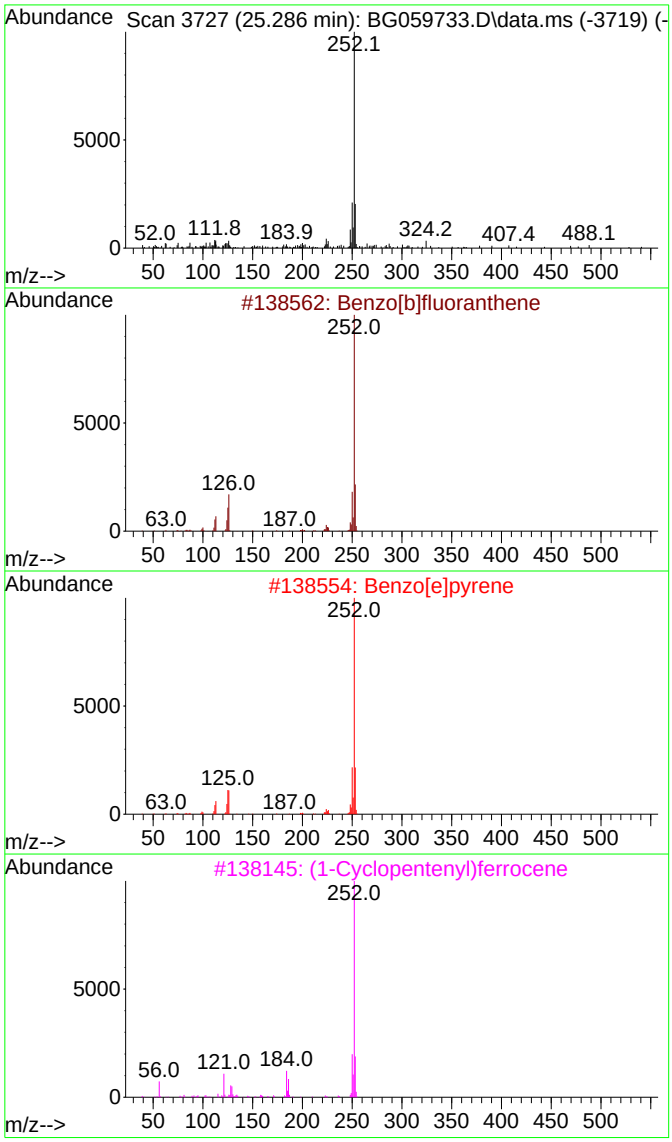
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

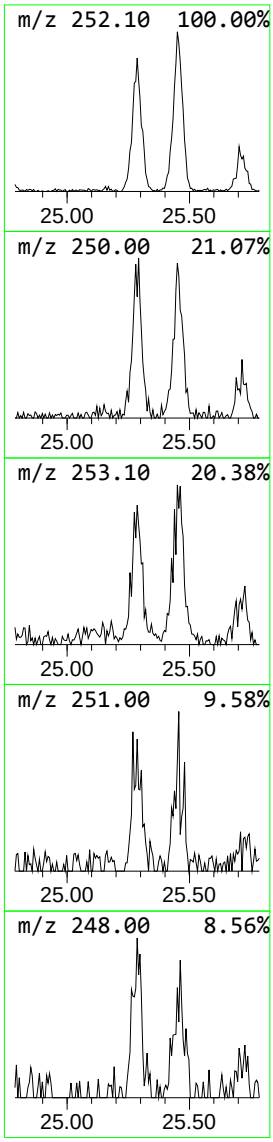
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.286	9.89 ng	218864	Perylene-d12	25.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	89
3	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
5	Benzo[a]pyrene	252	C20H12	000050-32-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059733.D
Acq On : 17 Nov 2023 15:47
Operator : MA/JU
Sample : 05377-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
360

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
unknown13.794	13.794	2.8	ng	66749	3	14.969	471238	20.0
1,1'-Biphenyl, ...	18.130	2.3	ng	59869	4	17.718	520663	20.0
Tridecanoic acid	18.535	12.2	ng	317751	4	17.718	520663	20.0
9,10-Anthracene...	19.123	2.8	ng	71884	4	17.718	520663	20.0
Cyclopenta(def)...	19.640	3.0	ng	77131	4	17.718	520663	20.0
unknown19.681	19.681	2.2	ng	56355	4	17.718	520663	20.0
11H-Benzo[a]flu...	21.385	2.5	ng	109758	5	22.049	882010	20.0
unknown21.585	21.585	3.6	ng	160826	5	22.049	882010	20.0
Benzo[e]pyrene	25.286	9.9	ng	218864	6	25.627	442544	20.0