LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.646	226	231	237	rBV2	16899	27538	1.39%	0.232%
2	5.268	331	337	348	rBV	164569	251867	12.74%	2.120%
3	5.756	414	420	434	rBV	484153	772857	39.10%	6.506%
4	7.384	684	697	713	rBV	481489	844331	42.72%	7.108%
5	8.230	834	841	848	rVB	102930	170365	8.62%	1.434%
6	9.405	1033	1041	1054	rVB	304980	543297	27.49%	4.574%
7	11.056	1315	1322	1329	rBV	146235	257405	13.02%	2.167%
8	13.471	1725	1733	1742	rBV	866484	1319558	66.77%	11.109%
9	14.170	1846	1852	1857	rBV2	14985	25541	1.29%	0.215%
10	14.845	1962	1967	1974	rVB	246349	372156	18.83%	3.133%
11	16.326	2213	2219	2229	rBV	738020	1085380	54.92%	9.137%
12	17.237	2367	2374	2379	rBV4	15303	29048	1.47%	0.245%
13	17.577	2426	2432	2437	rBV	301688	480627	24.32%	4.046%
14	17.619	2437	2439	2445	rVB	84636	111070	5.62%	0.935%
15	17.989	2496	2502	2506	rBV3	10436	22873	1.16%	0.193%
16	18.159	2526	2531	2536	rVB	15663	24786	1.25%	0.209%
17	18.441	2573	2579	2584	rBV	56792	106379	5.38%	0.896%
18	18.494	2584	2588	2594	rVB2	66849	105132	5.32%	0.885%
19	18.635	2606	2612	2616	rBV4	30506	56788	2.87%	0.478%
20	18.676	2616	2619	2623	rVB	22696	28216	1.43%	0.238%
21	18.935	2658	2663	2668	rBV3	27198	46306	2.34%	0.390%
22	18.988	2668	2672	2680	rVB2	18292	31625	1.60%	0.266%
23	19.176	2700	2704	2708	rVB2	19161	26138	1.32%	0.220%
24	19.228	2708	2713	2716	rBV	22498	31791	1.61%	0.268%
25	19.346	2727	2733	2737	rBV	48903	80640	4.08%	0.679%
26	19.399	2737	2742	2745	rBV	14098	21429	1.08%	0.180%
27	19.493	2752	2758	2762	rBV4	17011	35851	1.81%	0.302%
28	19.610	2771	2778	2783	rBV	178395	269231	13.62%	2.267%
29	19.663	2783	2787	2790	rVV	16955	24436	1.24%	0.206%
30	19.704	2790	2794	2798	rVB5	14193	24135	1.22%	0.203%
31	19.939	2830	2834	2836	rBV3	36295	53331	2.70%	0.449%
32	19.969	2836	2839	2846	rVV	178117	261246	13.22%	2.199%
33	20.039	2846	2851	2856	rVB	26125	40740	2.06%	0.343%
34	20.151	2864	2870	2876	rBV	1466092	1976366	100.00%	16.638%
35	20.421	2911	2916	2920	rBV3	34938	68210	3.45%	0.574%
36	20.615	2946	2949	2952	rVB	24864	29555	1.50%	0.249%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.756	2969	2973	2976	rBV2	21513	29192	1.48%	0.246%
38	20.797	2976	2980	2989	rVB6	31255	65123	3.30%	0.548%
39	20.921	2997	3001	3004	rVB2	28134	33938	1.72%	0.286%
40	21.226	3050	3053	3060	rVB	41451	65039	3.29%	0.548%
41	21.849	3151	3159	3164	rBV2	350256	747378	37.82%	6.292%
42	21.896	3164	3167	3178	rVV	102229	186266	9.42%	1.568%
43	21.996	3181	3184	3190	rVB4	36873	58508	2.96%	0.493%
44	24.146	3543	3550	3559	rBV3	68078	237993	12.04%	2.004%
45	24.904	3673	3679	3689	rVB2	44943	123267	6.24%	1.038%
46	25.063	3699	3706	3715	rVB	51918	144917	7.33%	1.220%
47	25.221	3724	3733	3742	rVB2	190492	530841	26.86%	4.469%

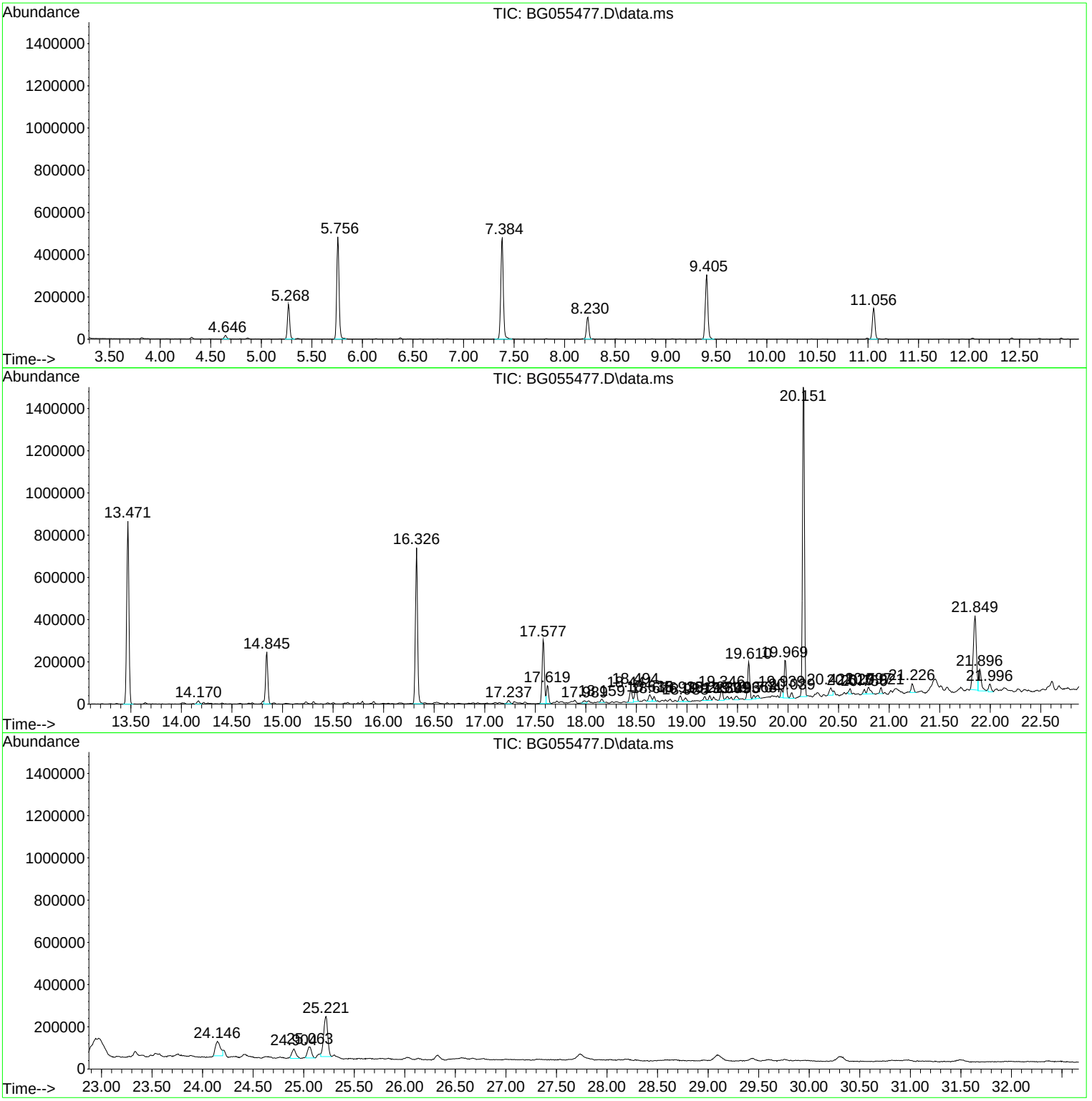
Sum of corrected areas: 11878706

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

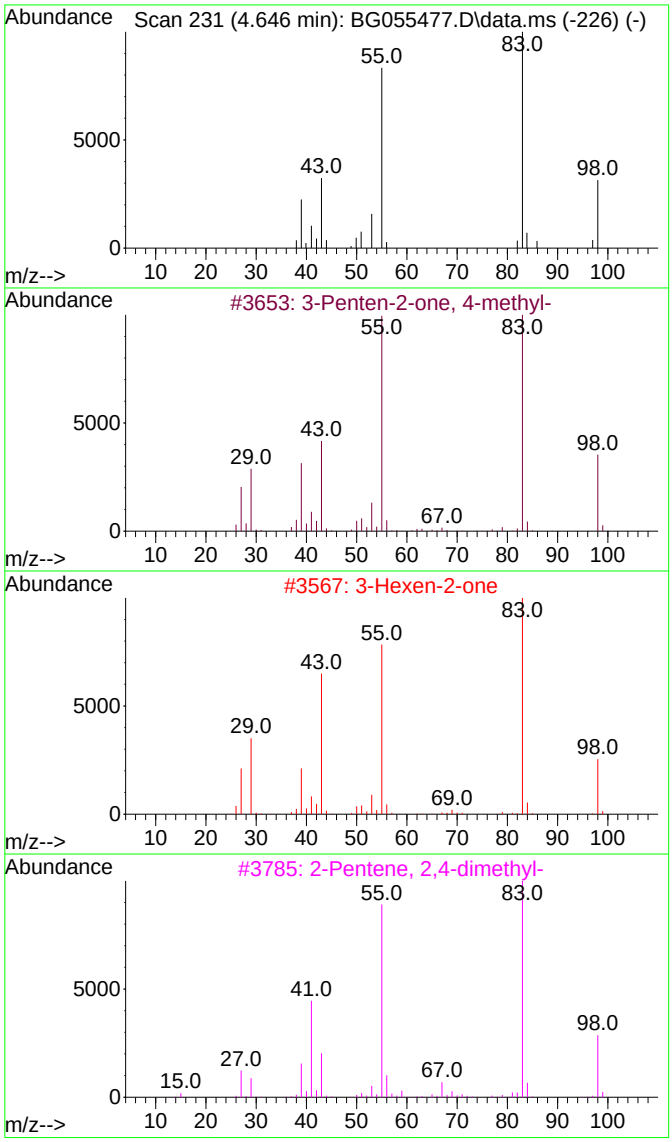
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

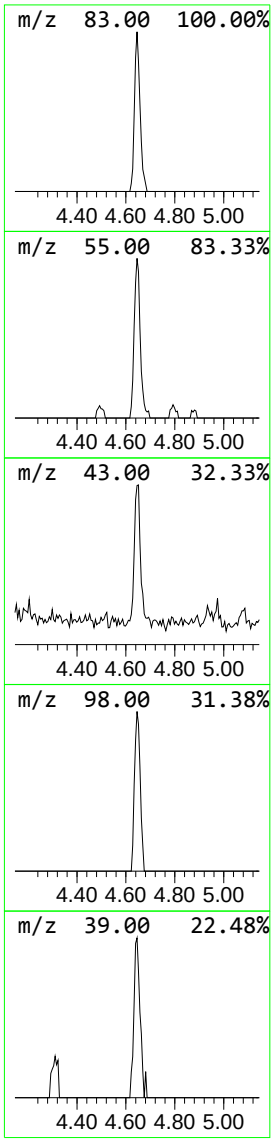
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.646	3.23 ng	27538	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

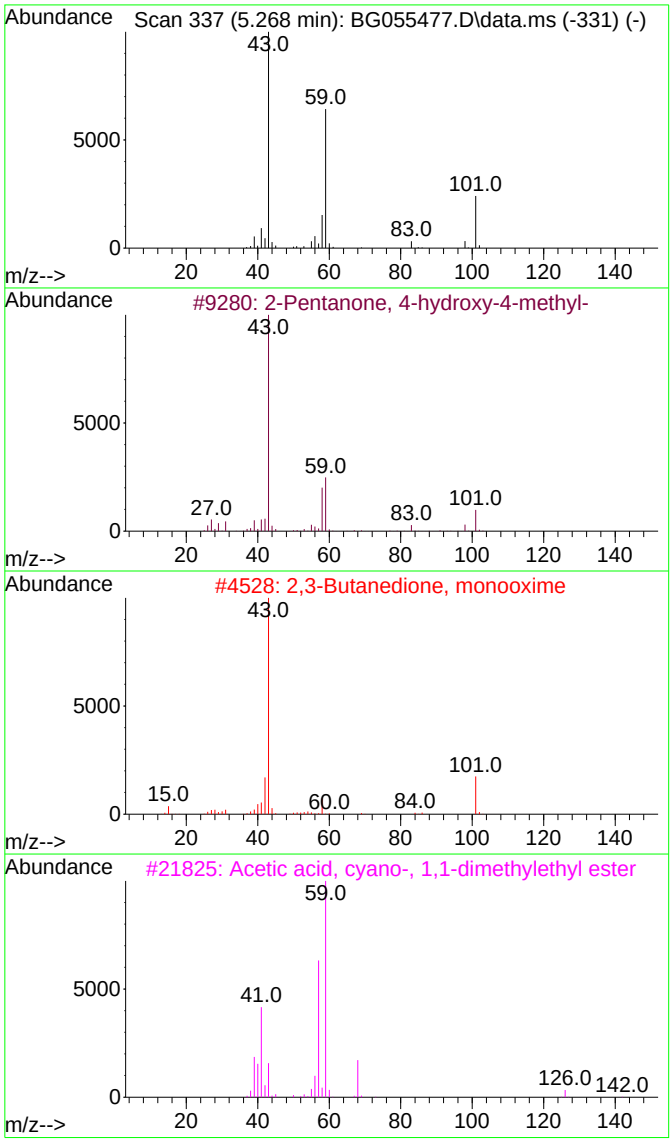
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

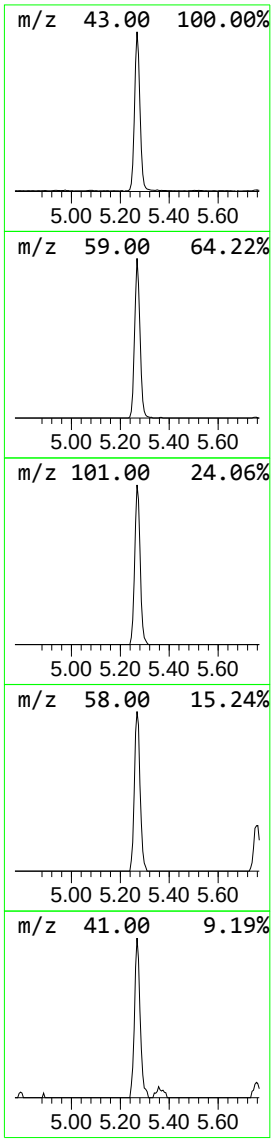
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.268	29.57 ng	251867	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

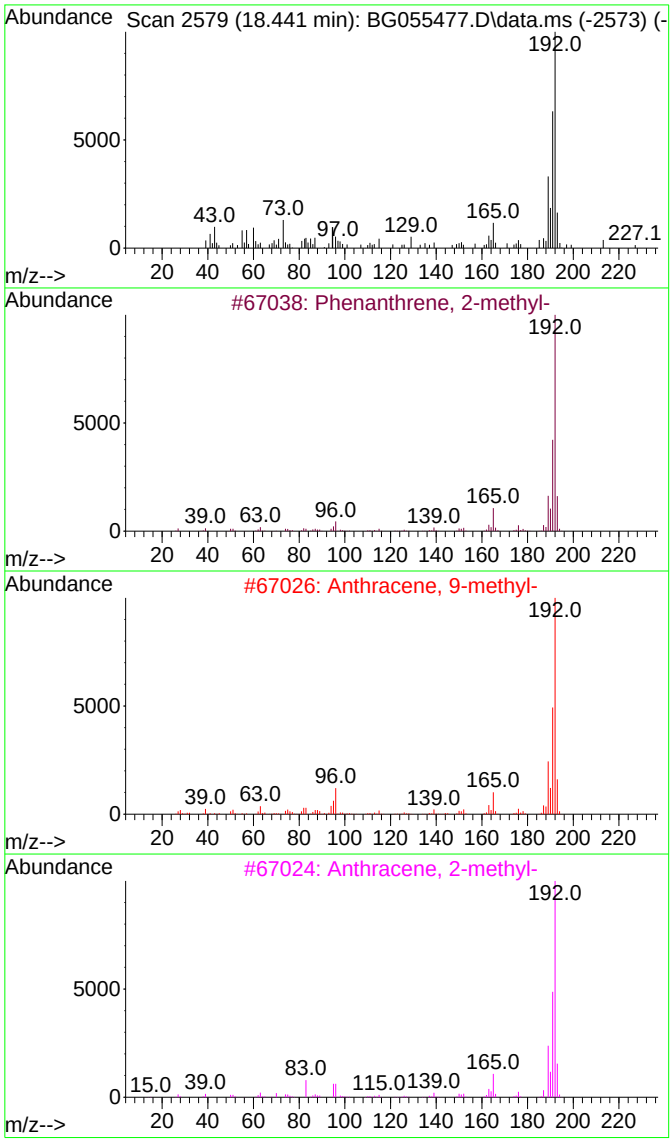
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

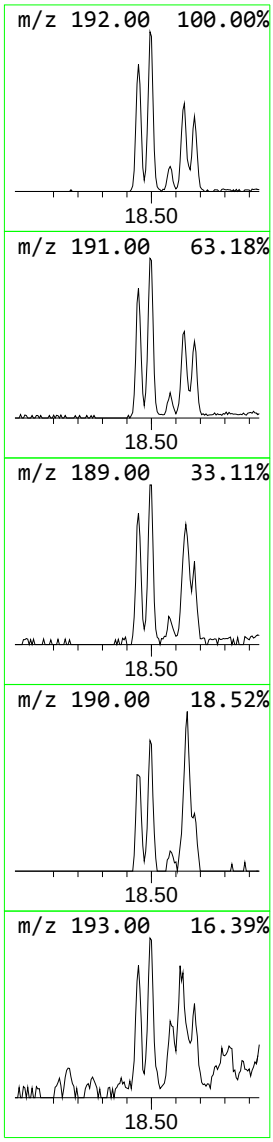
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.441	4.43 ng	106379	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

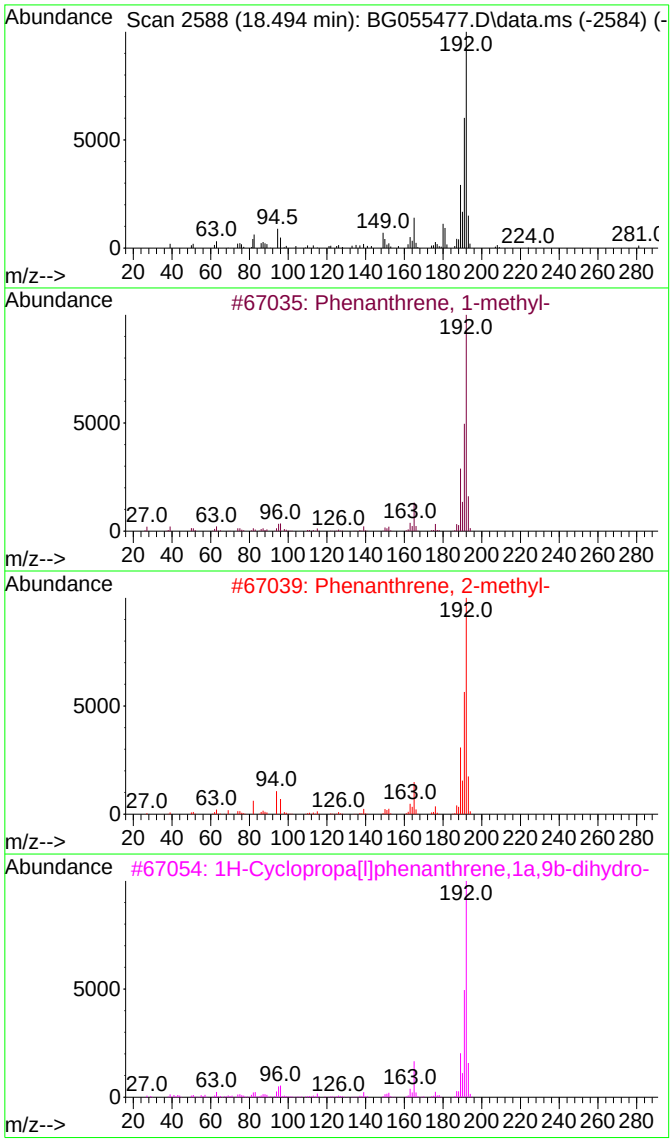
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

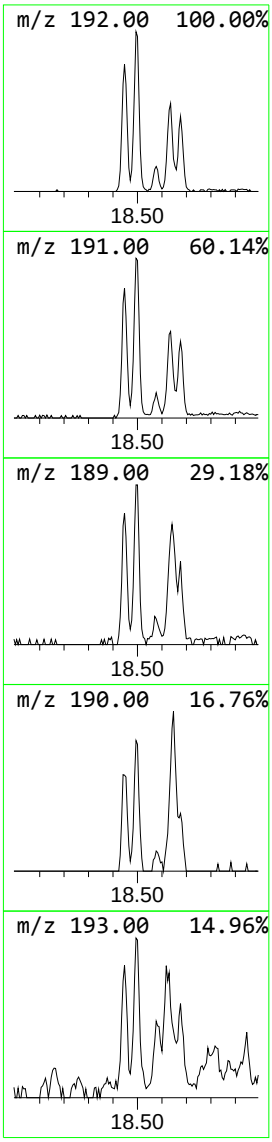
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	4.37 ng	105132	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

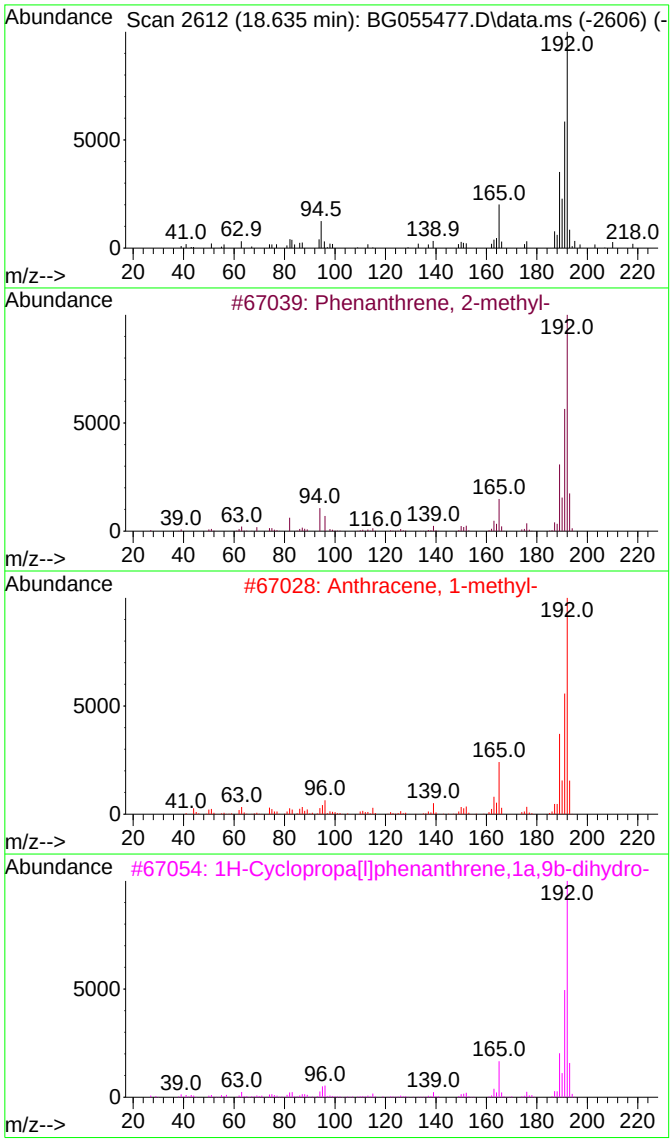
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

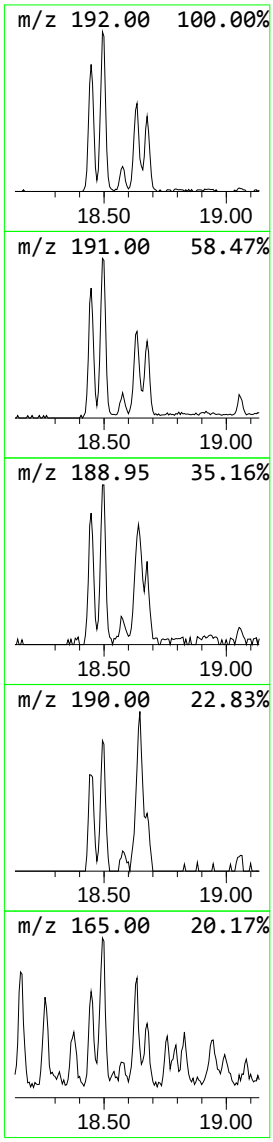
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.635	2.36 ng	56788	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

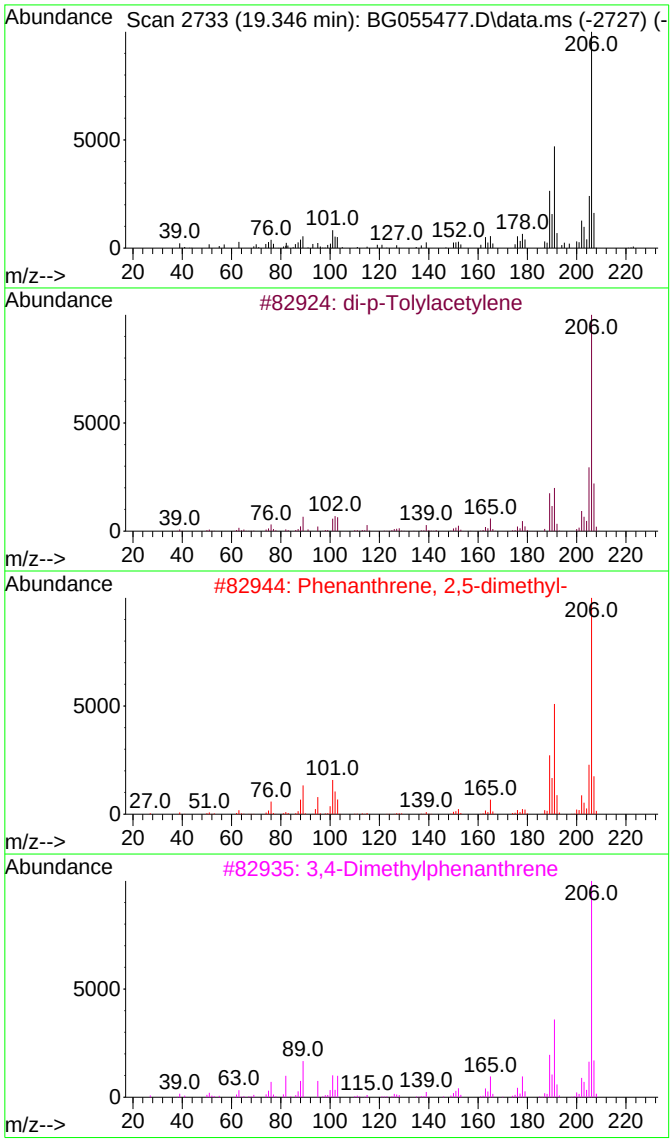
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

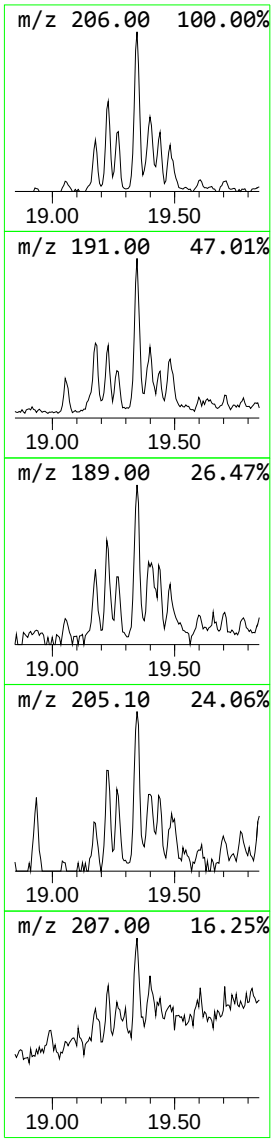
****

Peak Number 6 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.346	3.36 ng	80640	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

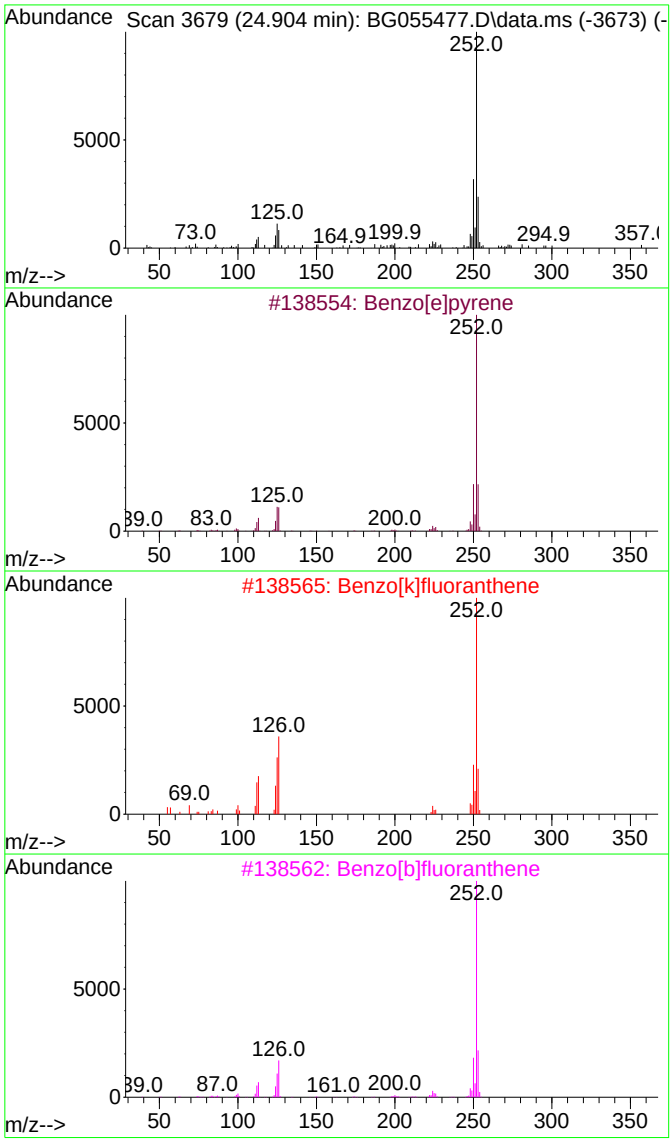
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

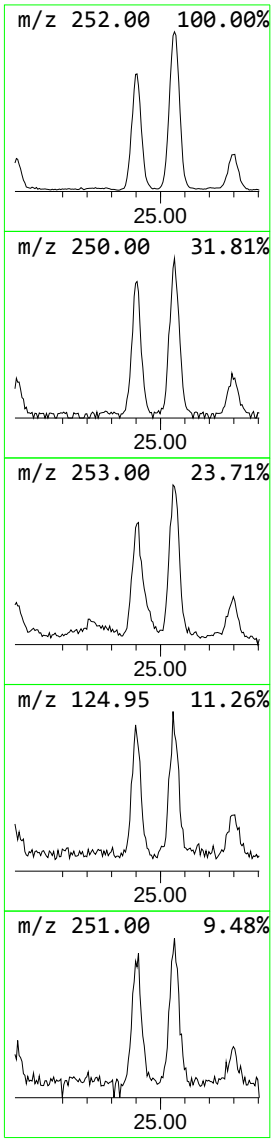
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.904	4.64 ng	123267	Perylene-d12	25.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055477.D
Acq On : 5 Nov 2022 19:38
Operator : CG/JU
Sample : N5435-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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
3-Penten-2-one,...	4.646	3.2	ng	27538	1	8.230	170365	20.0
2-Pentanone, 4-...	5.268	29.6	ng	251867	1	8.230	170365	20.0
Phenanthrene, 2...	18.441	4.4	ng	106379	4	17.577	480627	20.0
Phenanthrene, 1...	18.494	4.4	ng	105132	4	17.577	480627	20.0
Anthracene, 1-m...	18.635	2.4	ng	56788	4	17.577	480627	20.0
di-p-Tolylacety...	19.346	3.4	ng	80640	4	17.577	480627	20.0
Benzo[e]pyrene	24.904	4.6	ng	123267	6	25.221	530841	20.0