LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
Data File : BG056339.D
Acq On : 18 Jan 2023 22:13
Operator : CG/JU
Sample : 01184-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : APNB-SOUTH

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056339.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.314	3	4	18	rVB	139951	159568	5.35%	1.264%
2	5.341	343	349	356	rBB	119011	181522	6.09%	1.438%
3	5.823	424	431	443	rBV	497756	796960	26.72%	6.313%
4	7.445	699	707	718	rBV	518237	874750	29.33%	6.929%
5	8.303	847	853	864	rBB	123683	208014	6.97%	1.648%
6	9.478	1044	1053	1061	rBV	297188	527622	17.69%	4.180%
7	11.135	1327	1335	1348	rBB	173095	302818	10.15%	2.399%
8	13.543	1738	1745	1752	rBV	1186847	1787231	59.92%	14.158%
9	14.918	1972	1979	1988	rVB	321801	512806	17.19%	4.062%
10	16.258	2199	2207	2213	rVB	48606	71441	2.40%	0.566%
11	16.399	2223	2231	2240	rBV	866379	1320687	44.28%	10.462%
12	17.656	2437	2445	2451	rBV	453643	702086	23.54%	5.562%
13	18.502	2583	2589	2596	rBV2	132324	199595	6.69%	1.581%
14	19.683	2785	2790	2795	rVB	46450	75012	2.52%	0.594%
15	19.754	2797	2802	2812	rVB4	40398	63457	2.13%	0.503%
16	20.048	2848	2852	2857	rVB	58284	83692	2.81%	0.663%
17	20.230	2877	2883	2889	rVB	2427266	2982447	100.00%	23.625%
18	21.522	3099	3103	3113	rVB3	120387	198036	6.64%	1.569%
19	21.945	3167	3175	3181	rBV	456602	823445	27.61%	6.523%
20	25.383	3750	3760	3771	rBV	249349	752666	25.24%	5.962%

Sum of corrected areas: 12623855

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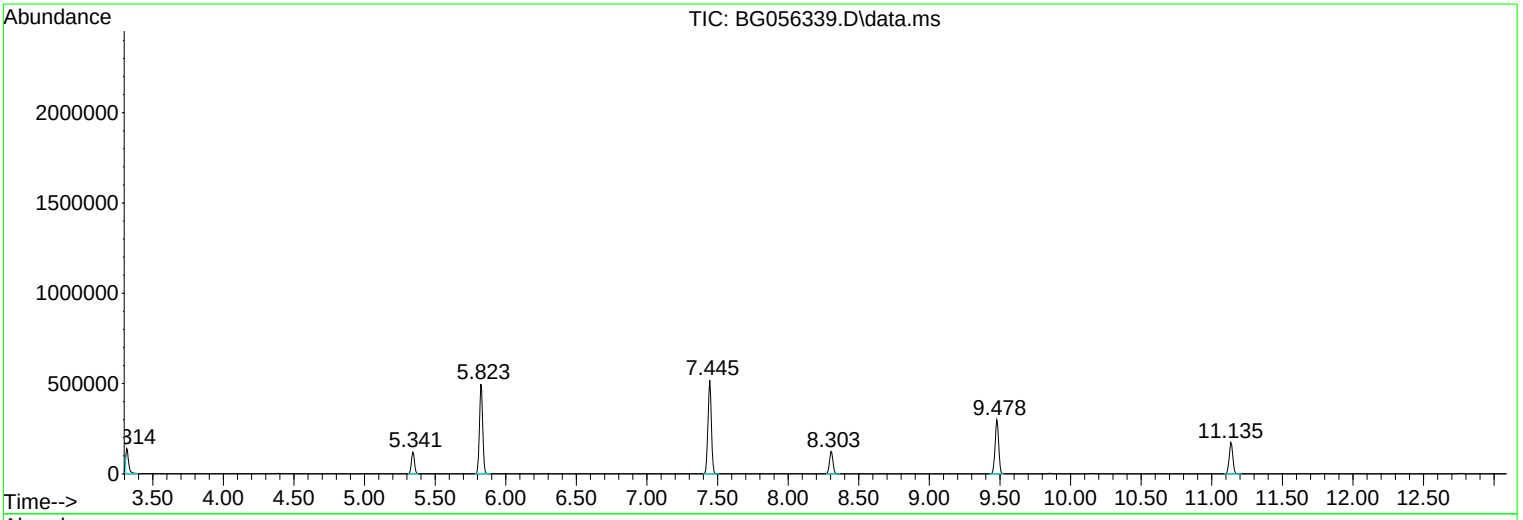
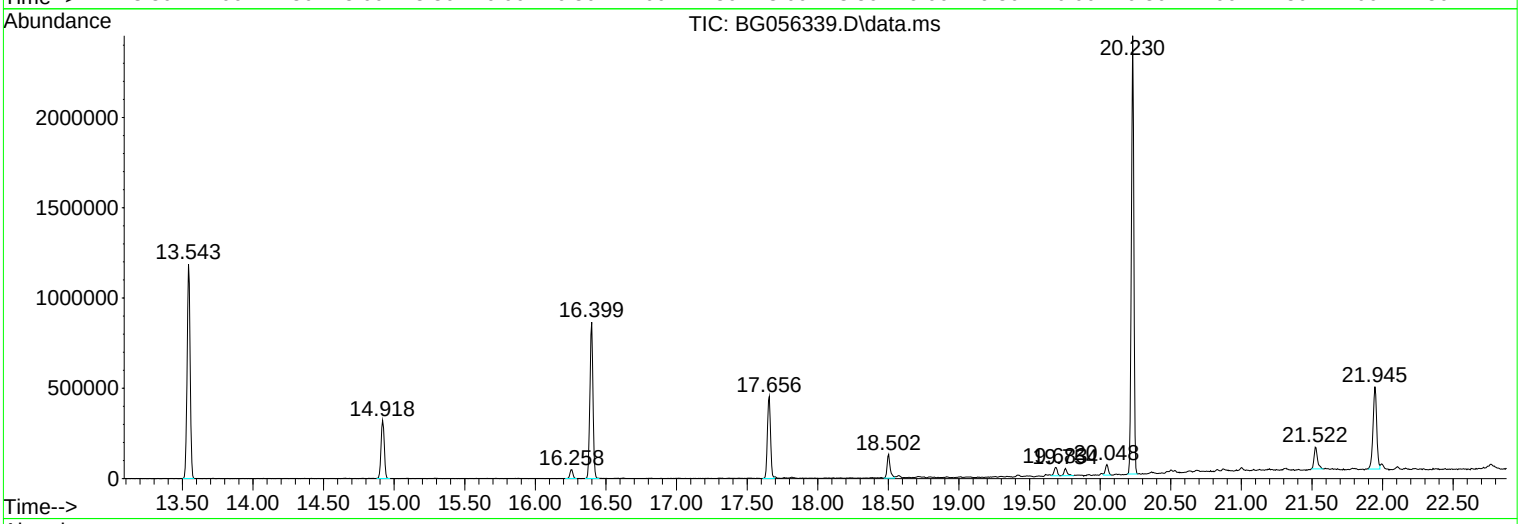
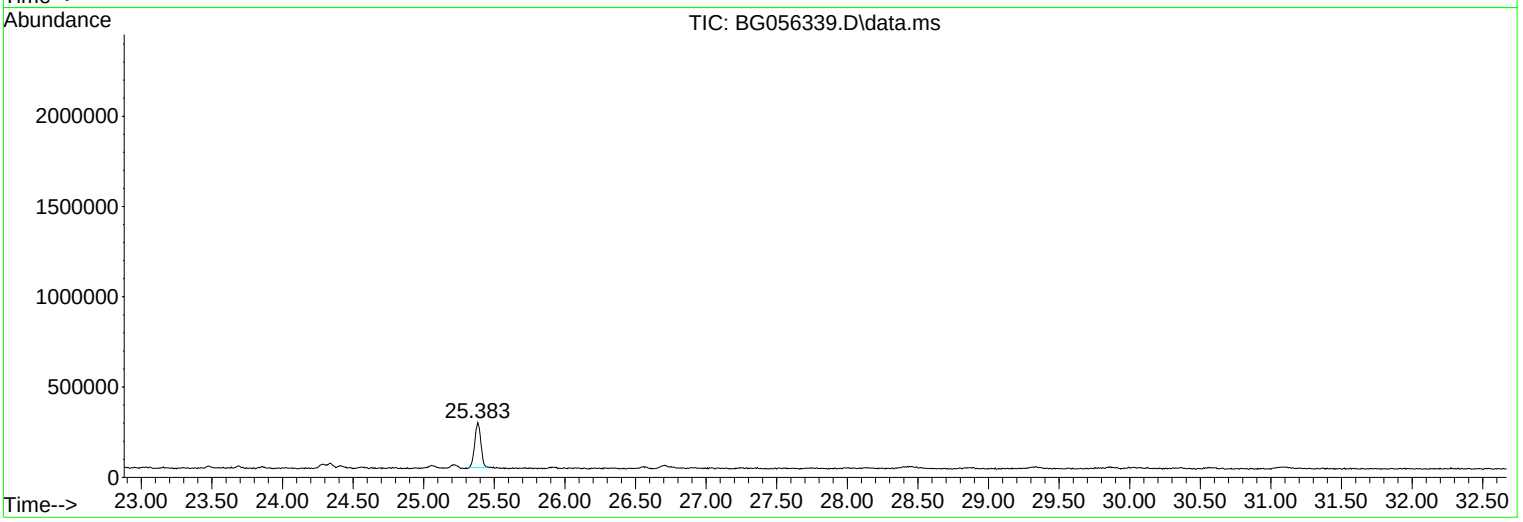
Instrument :
BNA_G
ClientSampleId :
APNB-SOUTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

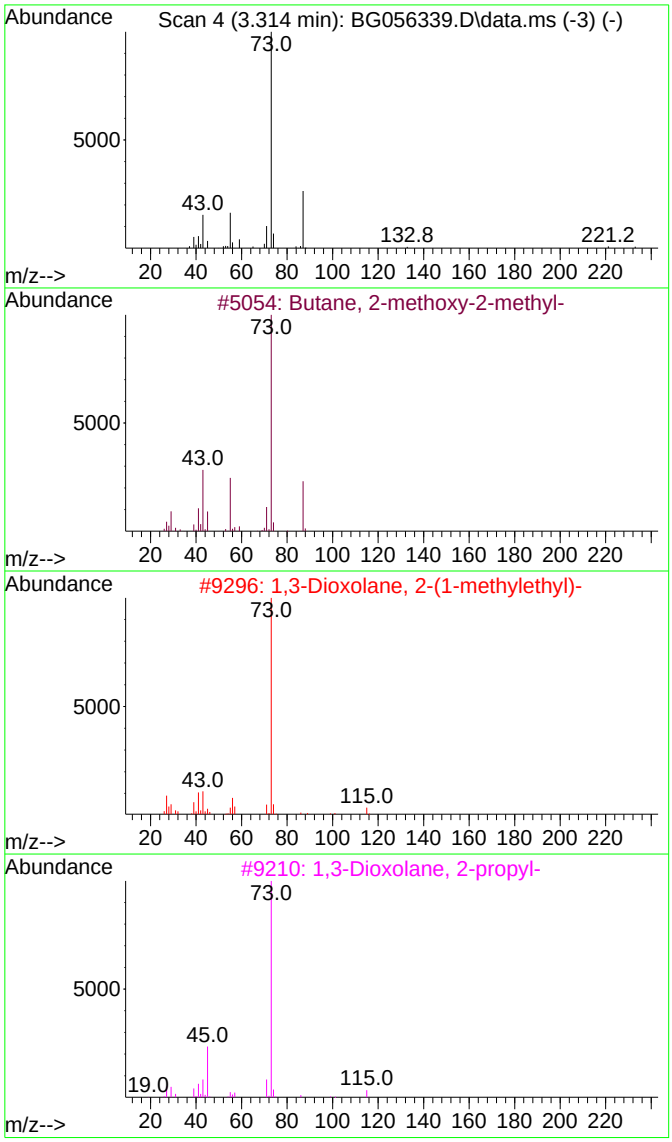
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

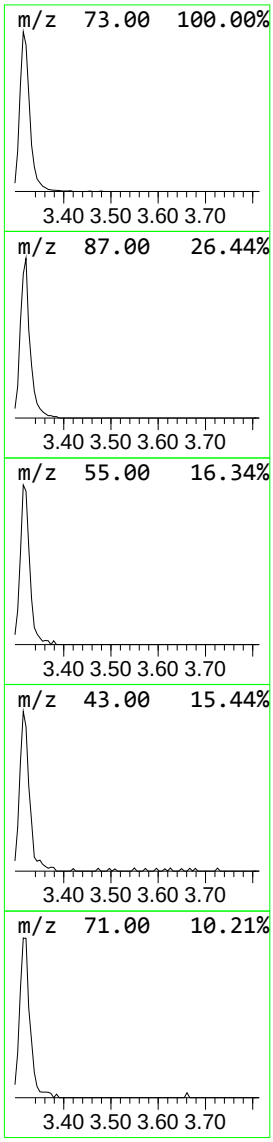
****

Peak Number 1 unknown3.314 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.314	15.34 ng	159568	1,4-Dichlorobenzene-d4	8.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Sample : 01184-02
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
APNB-SOUTH

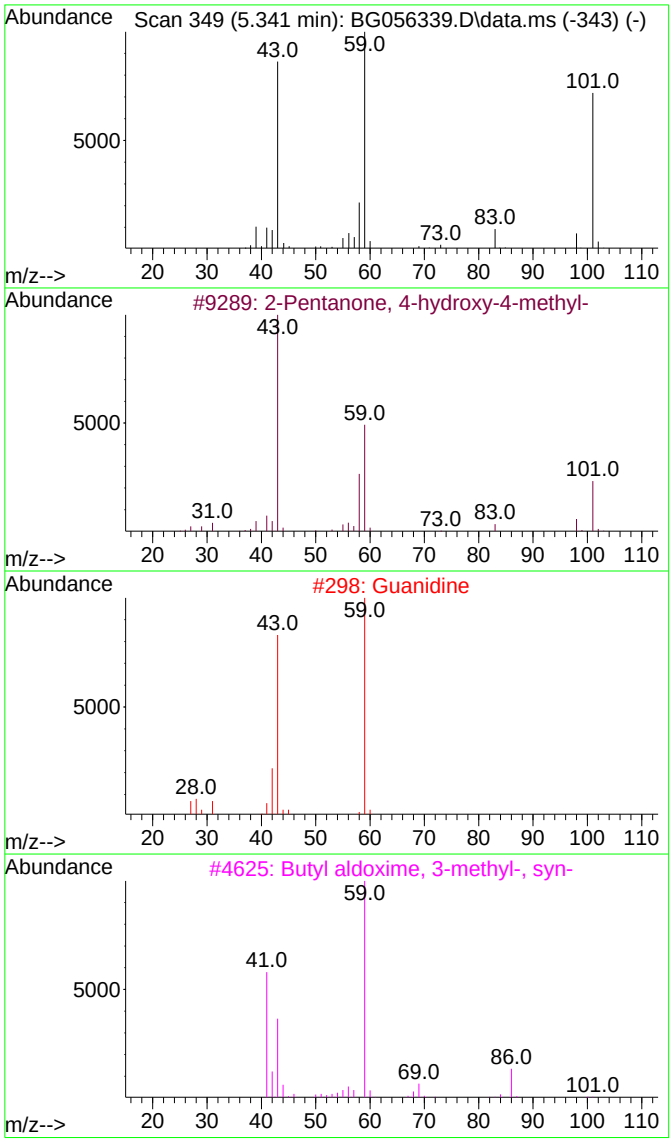
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

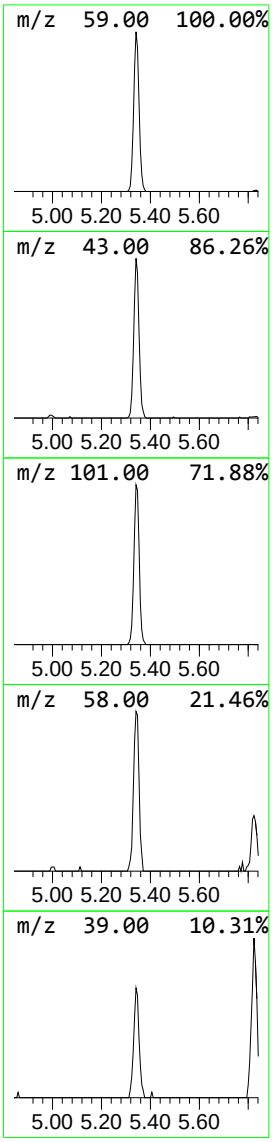
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.341	17.45 ng	181522	1,4-Dichlorobenzene-d4	8.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Guanidine	59	CH5N3	000113-00-8	37
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	35
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
5	Tetraglyme	222	C10H22O5	000143-24-8	28





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Sample : 01184-02
Misc :
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Instrument :
BNA_G
ClientSampleId :
APNB-SOUTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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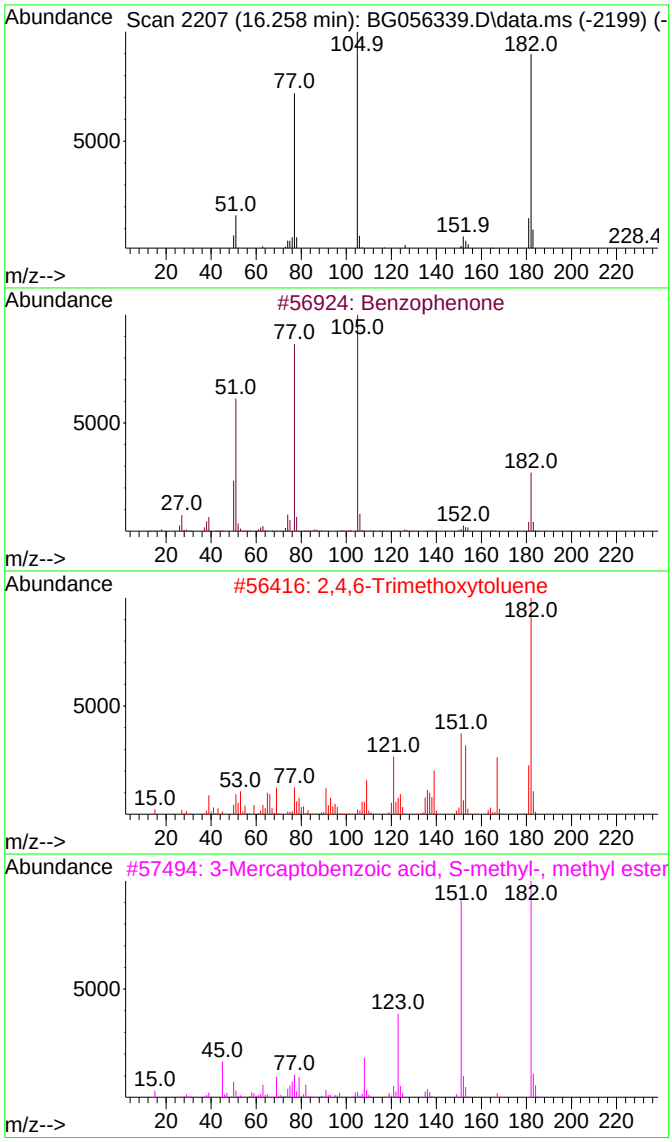
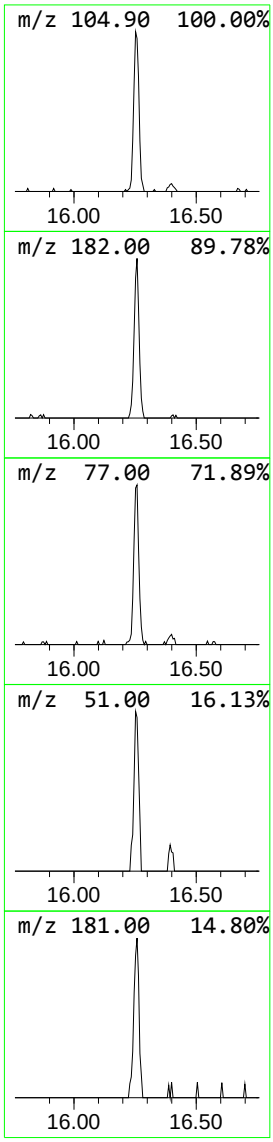
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.258	2.79 ng	71441	Acenaphthene-d10	14.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	86
2	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	49
3	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	47
4	1,2,4-Triazolo[4,3-b]pyridazine,...	182	C7H7ClN4	028593-26-2	43
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	30





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Sample : 01184-02
Misc :
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BNA_G
ClientSampleId :
APNB-SOUTH

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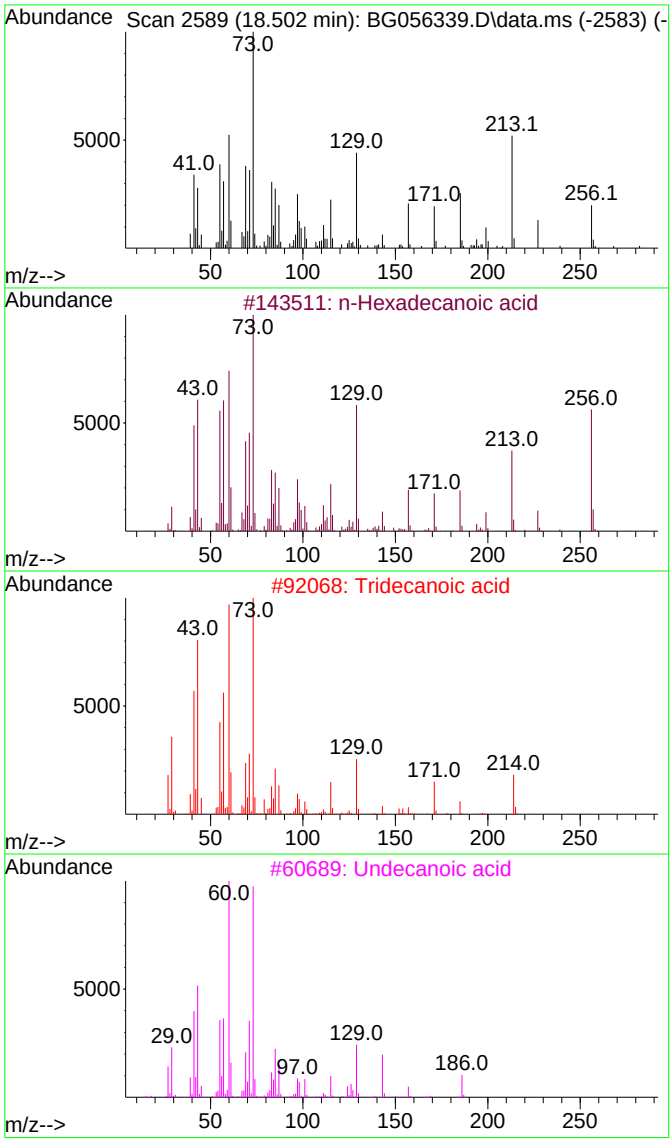
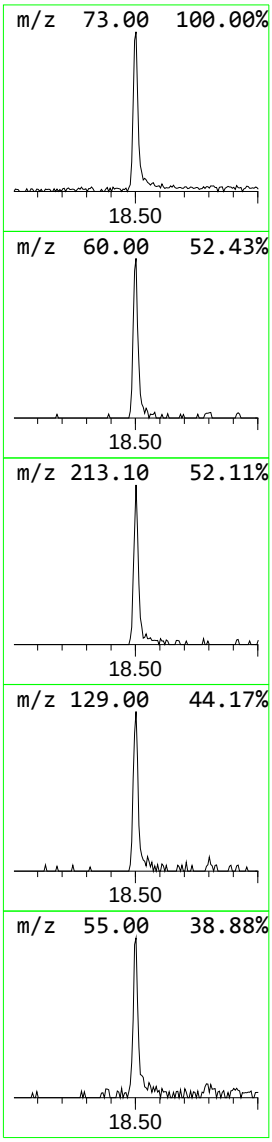
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.502	5.69 ng	199595	Phenanthrene-d10	17.656

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Undecanoic acid	186	C11H22O2	000112-37-8	43
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	37
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	32





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Sample : 01184-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
APNB-SOUTH

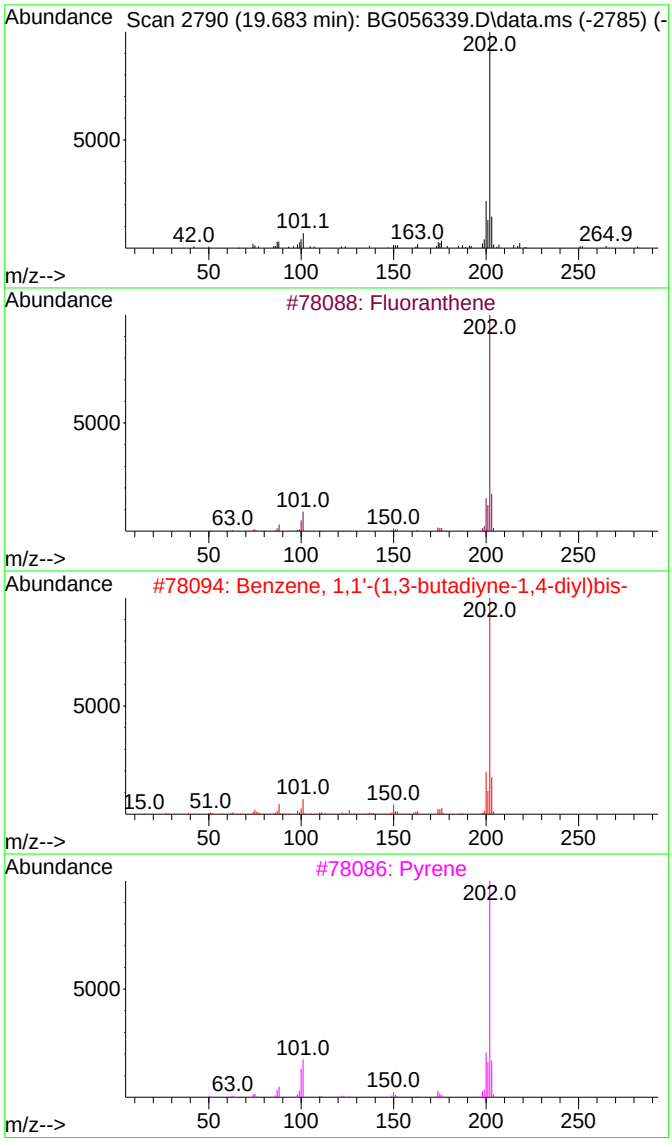
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

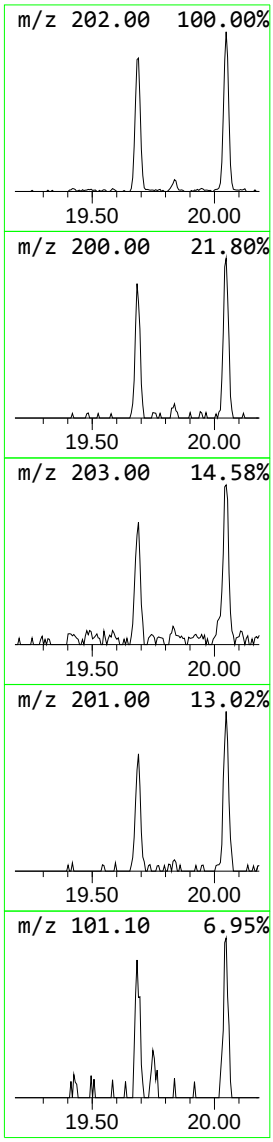
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.683	2.14 ng	75012	Phenanthrene-d10	17.656

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	81
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
3	Pyrene	202	C16H10	000129-00-0	74
4	5-(4-Methylphenyl)furan-2-carbox...	202	C12H10O3	1000305-27-5	50
5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	50





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
APNB-SOUTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

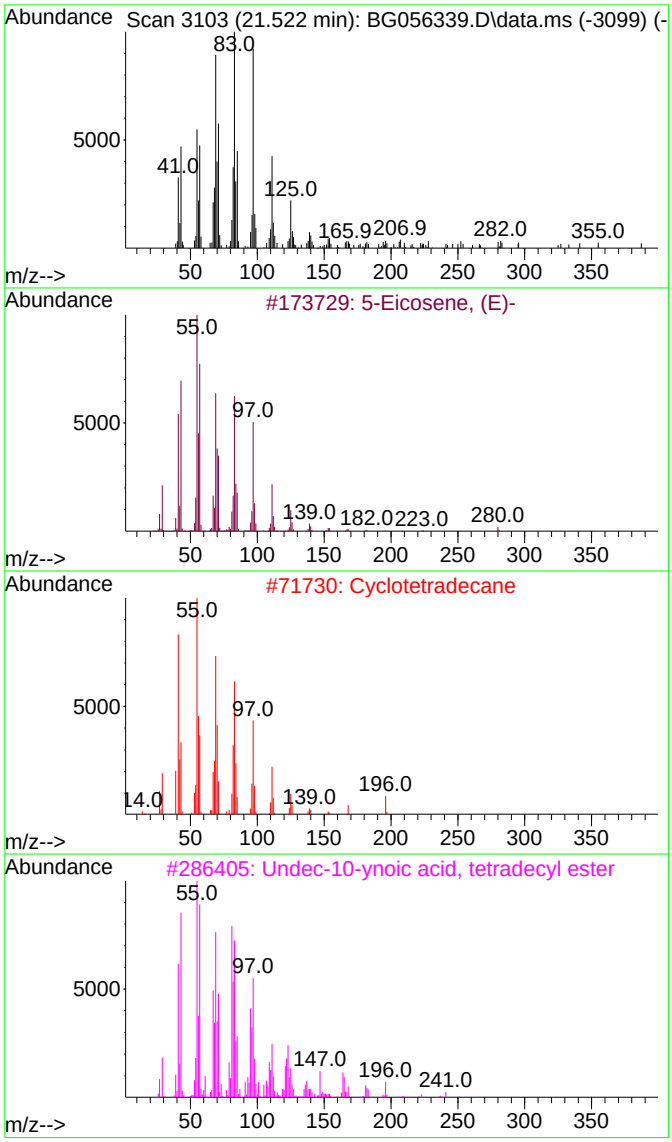
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

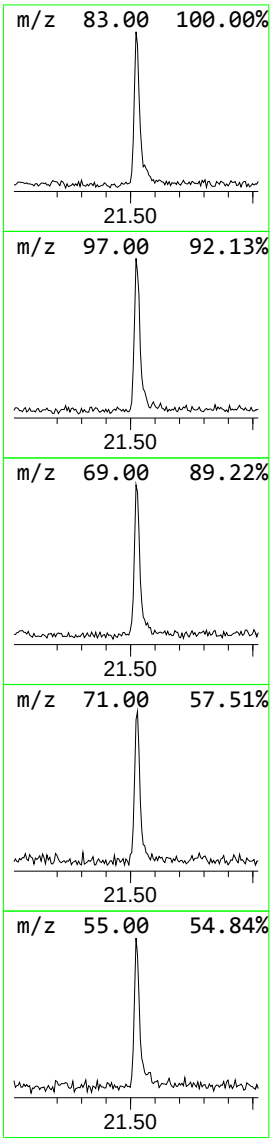
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.522	4.81 ng	198036	Chrysene-d12	21.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	Cyclotetradecane	196	C14H28	000295-17-0	90
3	Undec-10-ynoic acid, tetradecyl ...	378	C25H46O2	1000406-16-7	86
4	Pentacos-1-ene	350	C25H50	016980-85-1	80
5	1-Nonadecene	266	C19H38	018435-45-5	68





Tentatively Identified Compound (LSC) summary

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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
unknown3.314	3.314	15.3	ng	159568	1	8.303	208014	20.0
2-Pentanone, 4-...	5.341	17.4	ng	181522	1	8.303	208014	20.0
Benzophenone	16.258	2.8	ng	71441	3	14.918	512806	20.0
n-Hexadecanoic ...	18.502	5.7	ng	199595	4	17.656	702086	20.0
Benzene, 1,1'-(...	19.683	2.1	ng	75012	4	17.656	702086	20.0
5-Eicosene, (E)-	21.522	4.8	ng	198036	5	21.945	823445	20.0