LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052817.D
Acq On : 24 Mar 2022 20:18
Operator : CG/JU
Sample : N2090-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-56

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052817.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.696	387	393	402	rVB	269829	431550	13.46%	3.731%
2	7.288	654	664	674	rBV	190559	331039	10.33%	2.862%
3	8.140	803	809	816	rBV2	103102	175327	5.47%	1.516%
4	8.522	867	874	880	rVB2	32038	51428	1.60%	0.445%
5	9.303	994	1007	1020	rBV	414653	802395	25.03%	6.937%
6	9.779	1083	1088	1093	rVB	19685	33942	1.06%	0.293%
7	10.954	1275	1288	1296	rBV	152106	288459	9.00%	2.494%
8	13.392	1695	1703	1709	rBV	1133942	1826792	56.99%	15.793%
9	14.761	1930	1936	1943	rVB	267364	436455	13.62%	3.773%
10	15.935	2126	2136	2146	rBV2	30170	64263	2.00%	0.556%
11	16.247	2181	2189	2199	rBV	1101605	1740307	54.29%	15.045%
12	17.504	2397	2403	2410	rBV	382459	588472	18.36%	5.087%
13	18.385	2546	2553	2561	rBV3	40801	70701	2.21%	0.611%
14	20.112	2840	2847	2854	rBV	2342415	3205652	100.00%	27.713%
15	21.422	3066	3070	3076	rBV	75582	122747	3.83%	1.061%
16	21.792	3126	3133	3141	rVB	382083	667761	20.83%	5.773%
17	22.327	3221	3224	3229	rVB7	22423	34597	1.08%	0.299%
18	25.111	3687	3698	3708	rBV2	229615	695236	21.69%	6.010%

Sum of corrected areas: 11567123

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Instrument :
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ClientSampleId :
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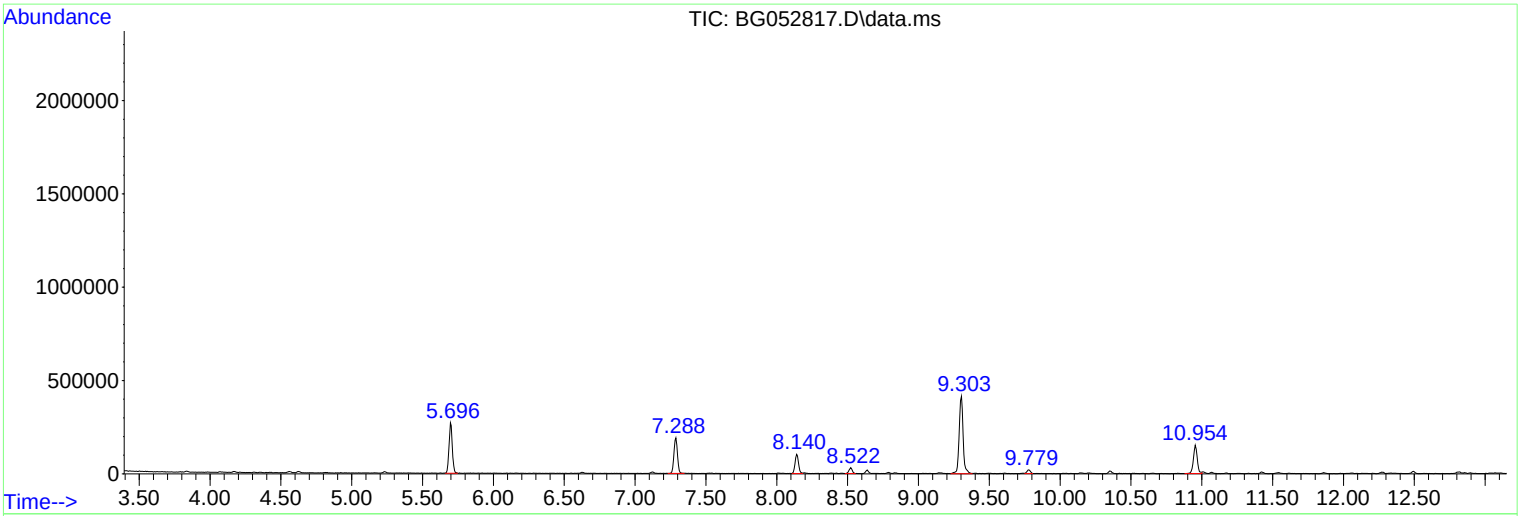
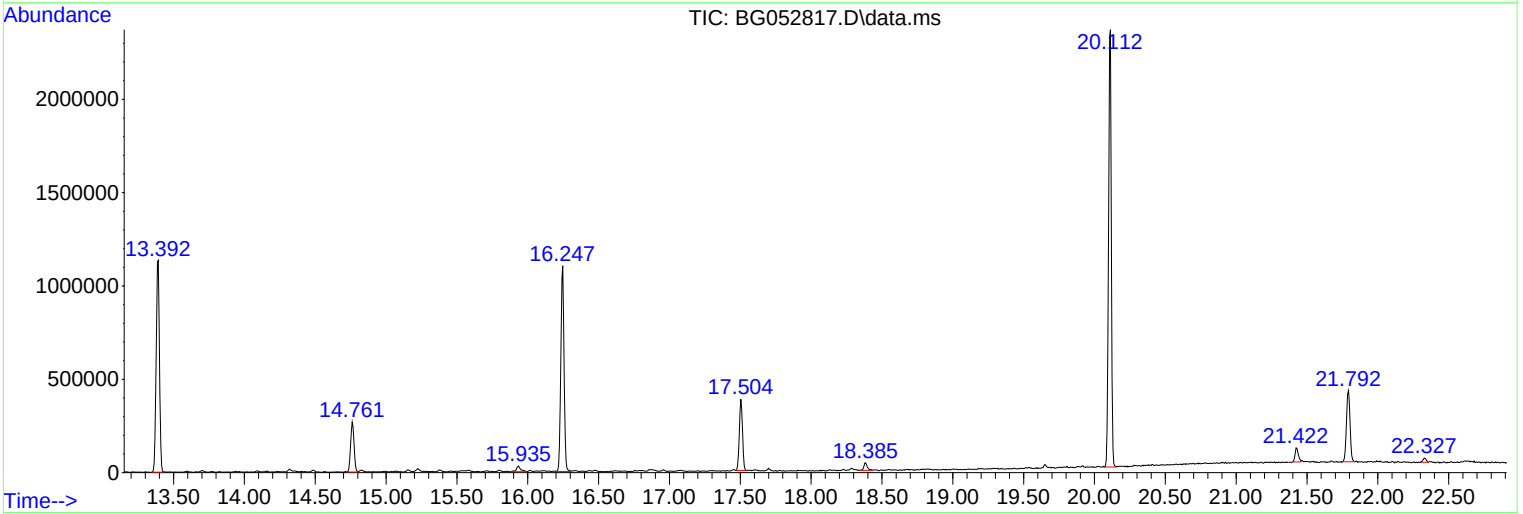
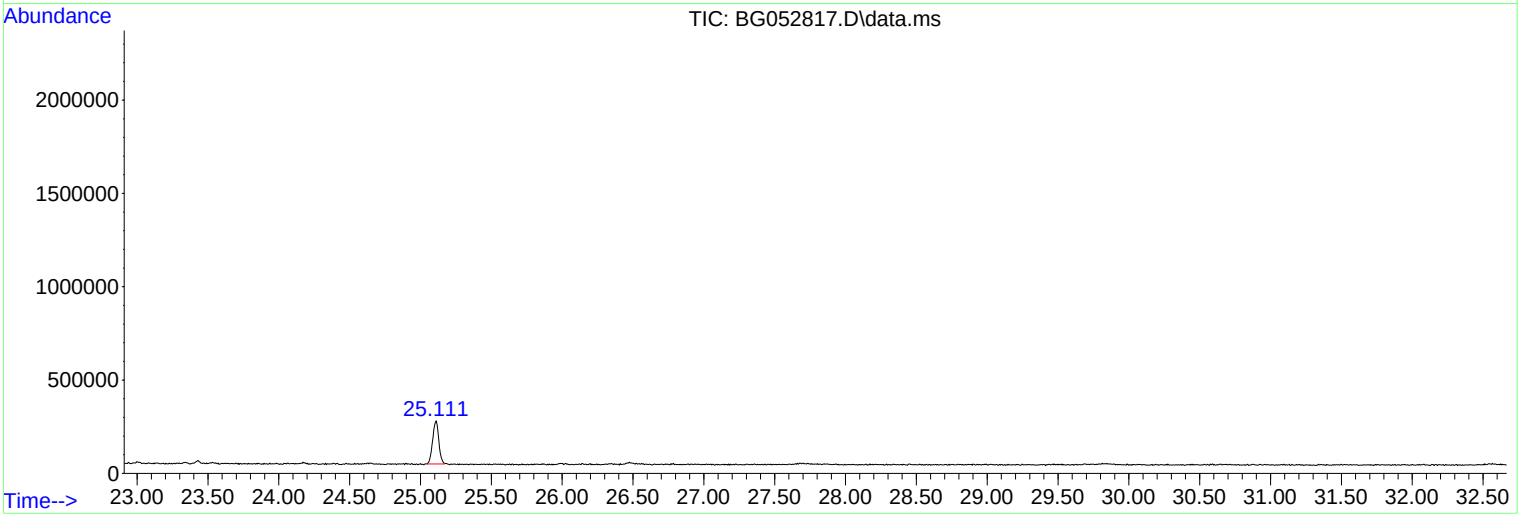
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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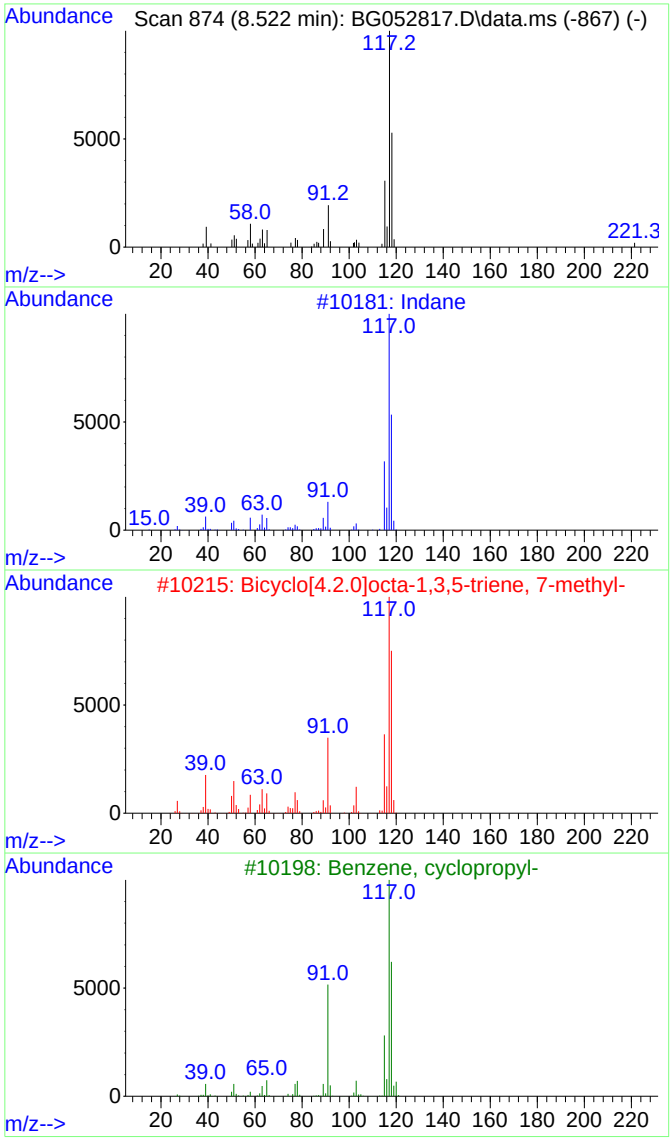
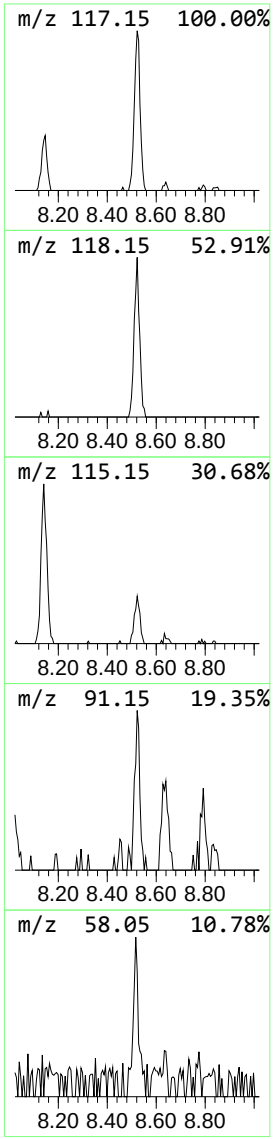
Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	5.87 ng	51428	1,4-Dichlorobenzene-d4	8.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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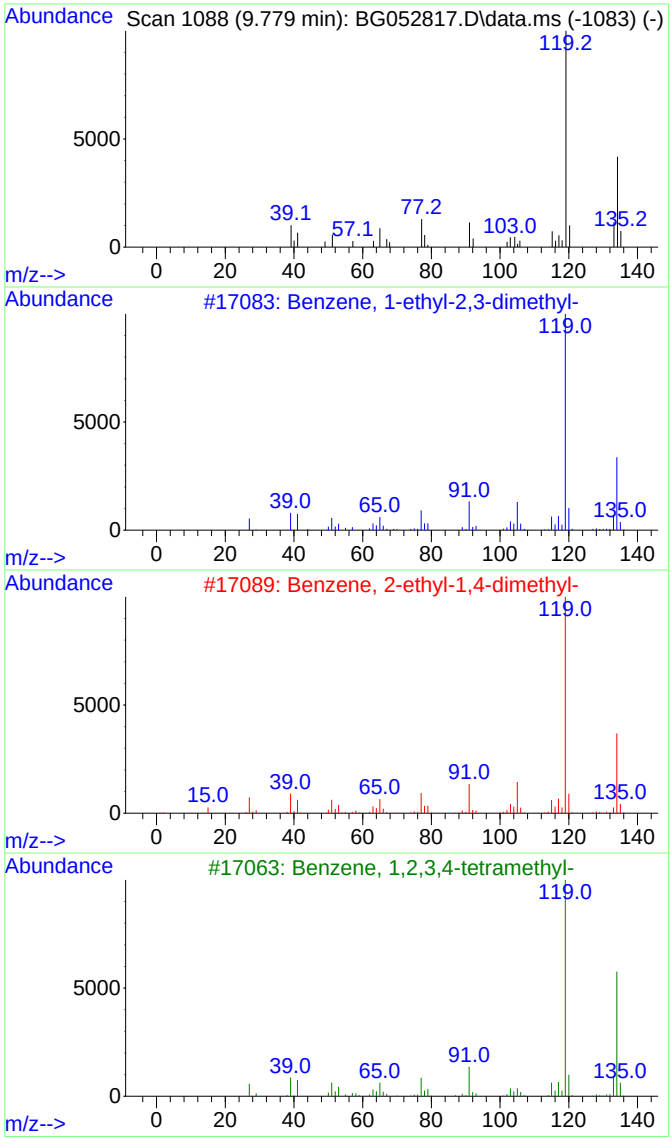
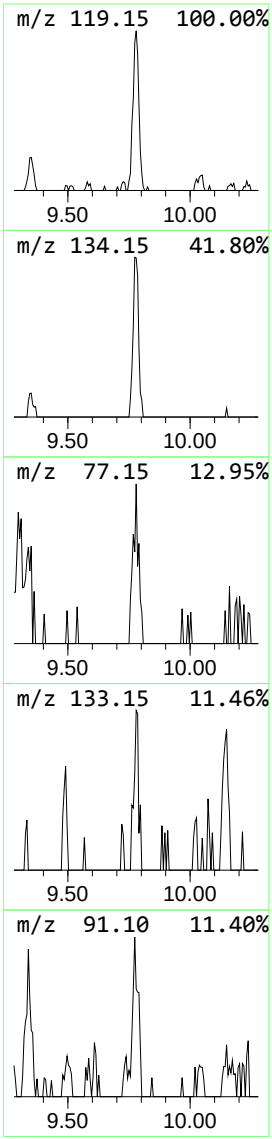
Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.779	2.35 ng	33942	Naphthalene-d8	10.954

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Instrument :
BNA_G
ClientSampleId :
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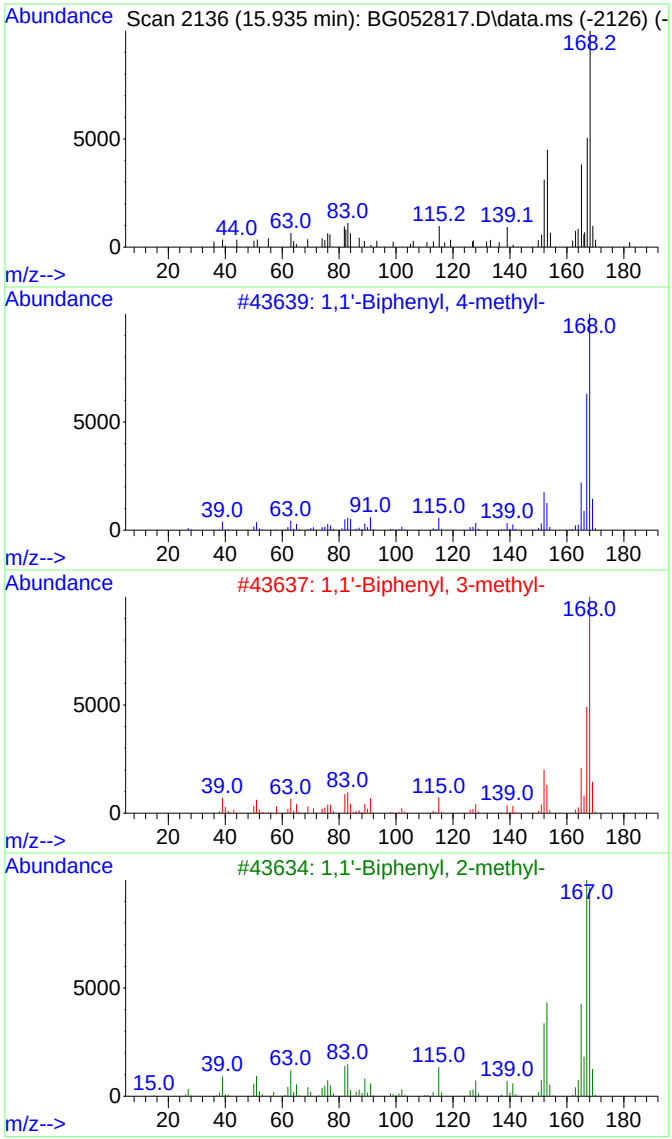
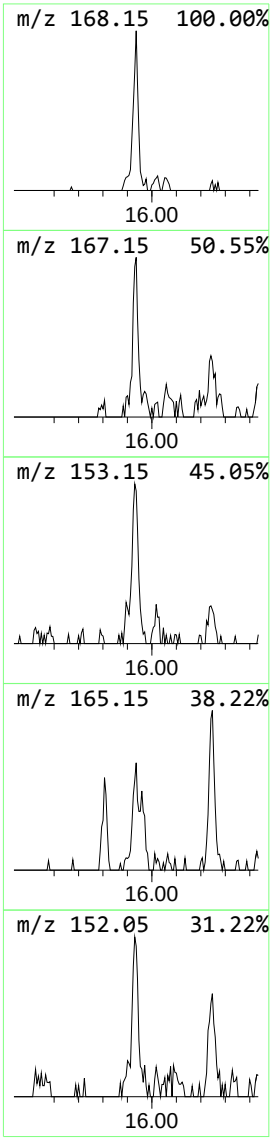
Peak Number 3 1,1'-Biphenyl, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.935	2.94 ng	64263	Acenaphthene-d10	14.761

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4	Diphenylmethane	168	C13H12	000101-81-5	49
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46





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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
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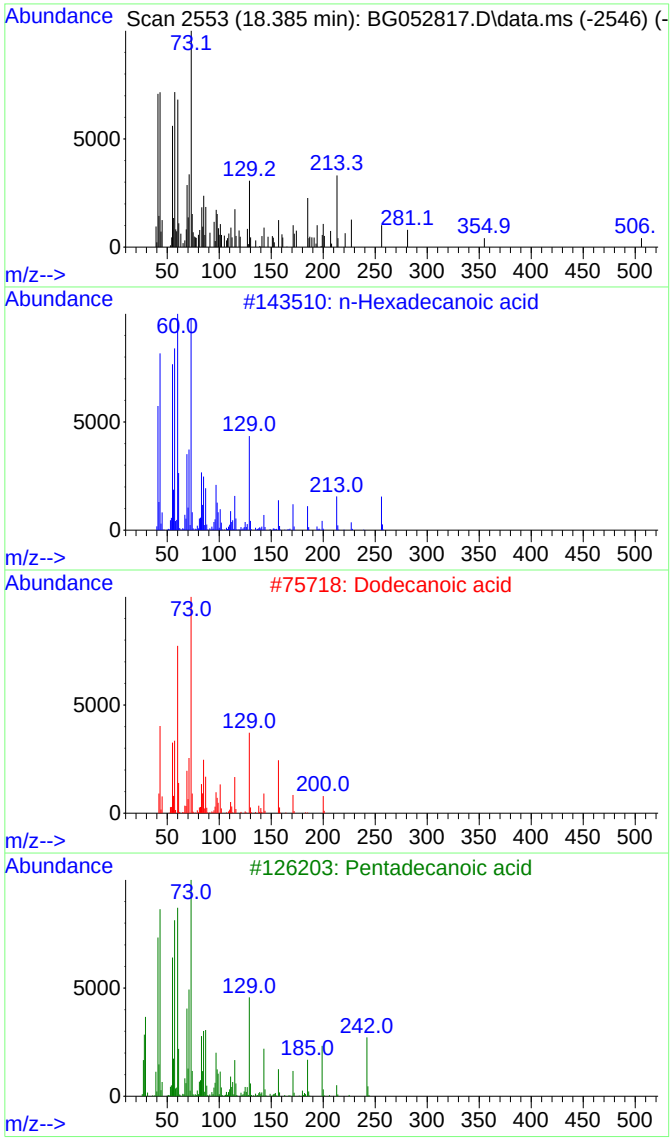
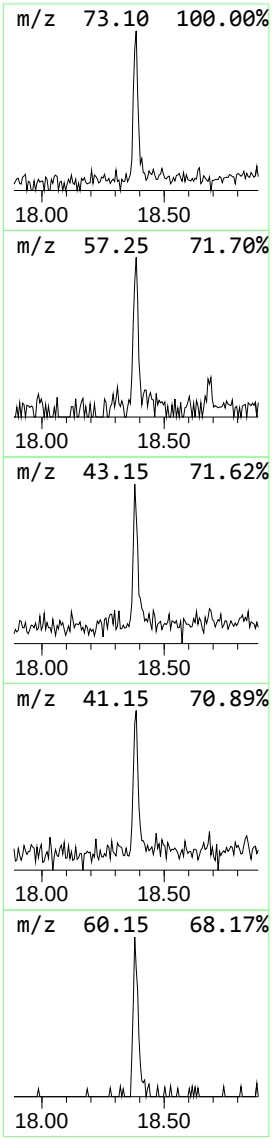
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.385	2.40 ng	70701	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4	Octadecanoic acid	284	C18H36O2	000057-11-4	49
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49





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Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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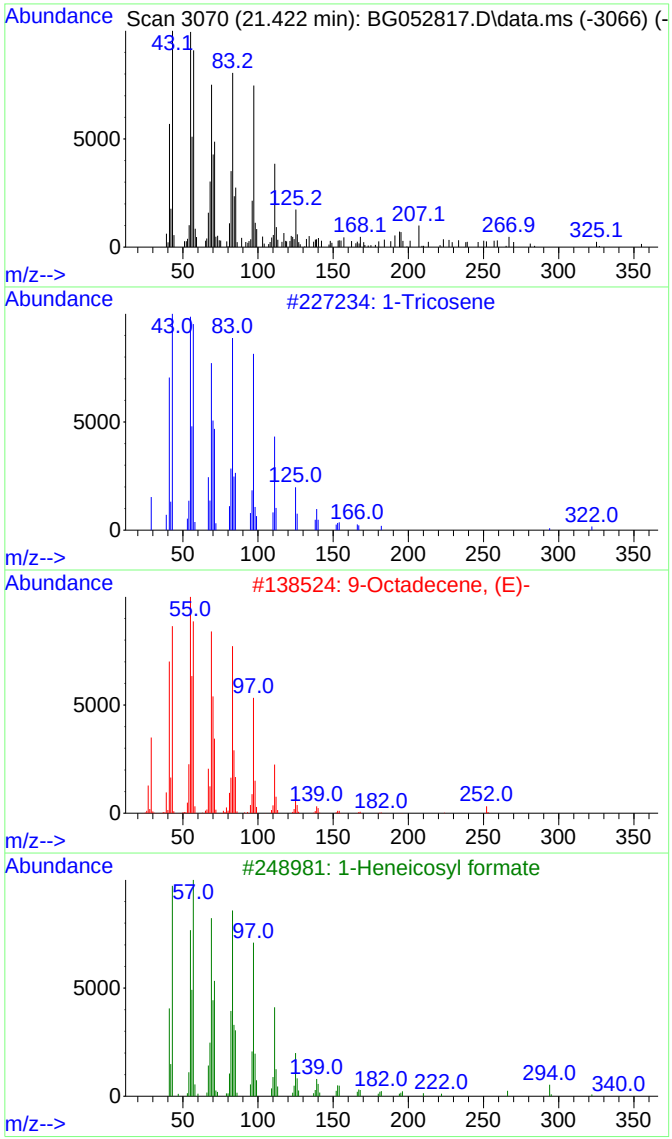
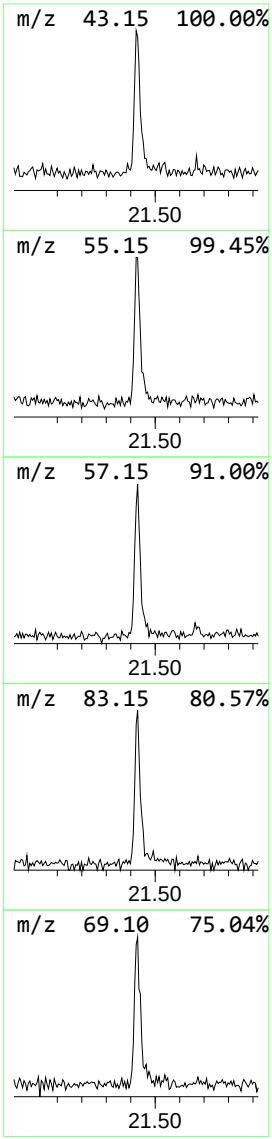
****

Peak Number 5 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.422	3.68 ng	122747	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	8.522	5.9	ng	51428	1	8.140	175327	20.0
Benzene, 1-ethy...	9.779	2.4	ng	33942	2	10.954	288459	20.0
1,1'-Biphenyl, ...	15.935	2.9	ng	64263	3	14.761	436455	20.0
n-Hexadecanoic ...	18.385	2.4	ng	70701	4	17.504	588472	20.0
1-Tricosene	21.422	3.7	ng	122747	5	21.792	667761	20.0