LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
Data File : BG055184.D
Acq On : 14 Oct 2022 19:04
Operator : CG/JU
Sample : N5142-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-10

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-BG101322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055184.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.323	3	6	11	rVB	112045	141110	8.04%	1.335%
2	5.345	344	350	361	rVB	124121	195589	11.14%	1.850%
3	5.826	425	432	440	rBV	607063	976623	55.65%	9.237%
4	7.442	699	707	716	rBV	640968	1077437	61.39%	10.190%
5	8.306	846	854	861	rBV	135762	230092	13.11%	2.176%
6	9.475	1045	1053	1066	rVB	368384	677011	38.57%	6.403%
7	10.873	1287	1291	1301	rVB2	20514	35374	2.02%	0.335%
8	11.138	1328	1336	1342	rVB	189584	342712	19.53%	3.241%
9	12.119	1497	1503	1508	rBV2	12831	20577	1.17%	0.195%
10	13.441	1722	1728	1734	rBV3	26574	41486	2.36%	0.392%
11	13.541	1737	1745	1752	rBV	950380	1469539	83.73%	13.899%
12	13.723	1768	1776	1784	rBV8	15541	40258	2.29%	0.381%
13	14.369	1877	1886	1891	rBV4	33487	67424	3.84%	0.638%
14	14.916	1964	1979	1986	rBV	307094	508616	28.98%	4.810%
15	15.721	2113	2116	2120	rVB	20730	26428	1.51%	0.250%
16	16.126	2178	2185	2194	rVB	30674	61384	3.50%	0.581%
17	16.390	2224	2230	2239	rBV	803859	1212880	69.11%	11.471%
18	16.602	2258	2266	2272	rBV2	51711	106155	6.05%	1.004%
19	17.366	2393	2396	2400	rVB2	18212	22828	1.30%	0.216%
20	17.419	2401	2405	2410	rBV	30168	43820	2.50%	0.414%
21	17.648	2438	2444	2449	rBV	339212	513057	29.23%	4.852%
22	17.689	2449	2451	2457	rVB	24042	31280	1.78%	0.296%
23	18.106	2519	2522	2529	rVB2	19313	24429	1.39%	0.231%
24	18.500	2585	2589	2595	rBV4	20342	37624	2.14%	0.356%
25	19.675	2785	2789	2793	rBV	41749	57832	3.30%	0.547%
26	20.221	2876	2882	2887	rBV	1416141	1755075	100.00%	16.599%
27	21.931	3168	3173	3179	rVB2	280952	470576	26.81%	4.451%
28	25.362	3751	3757	3771	rVB	135951	386112	22.00%	3.652%

Sum of corrected areas: 10573328

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Instrument :
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ClientSampleId :
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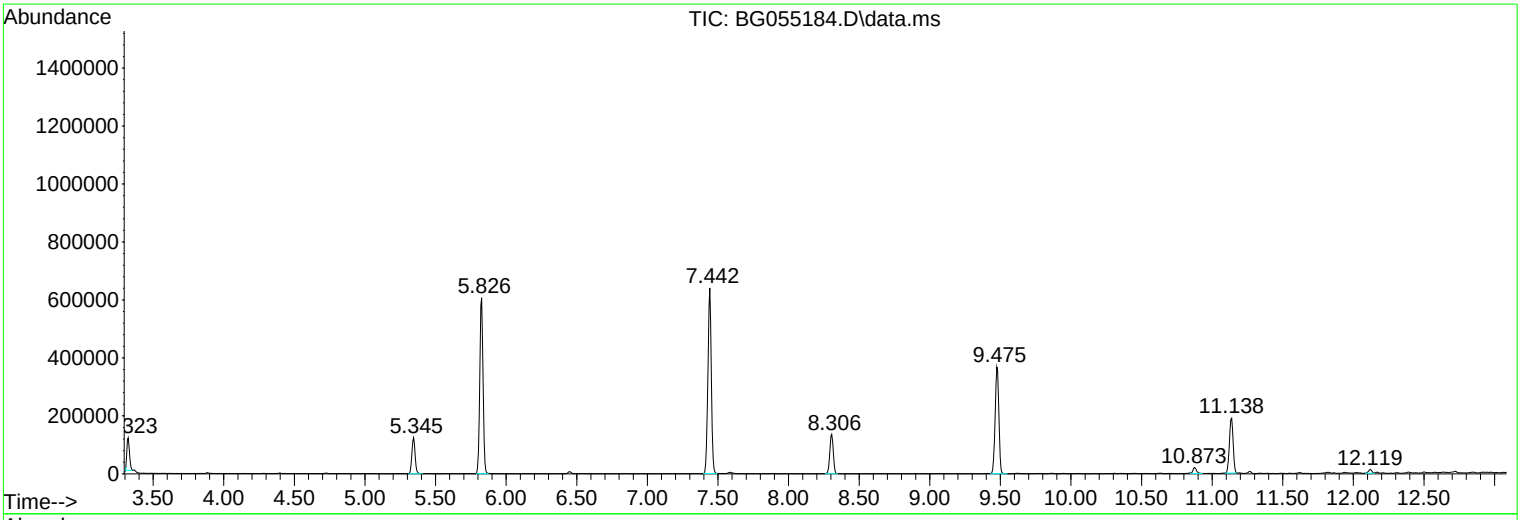
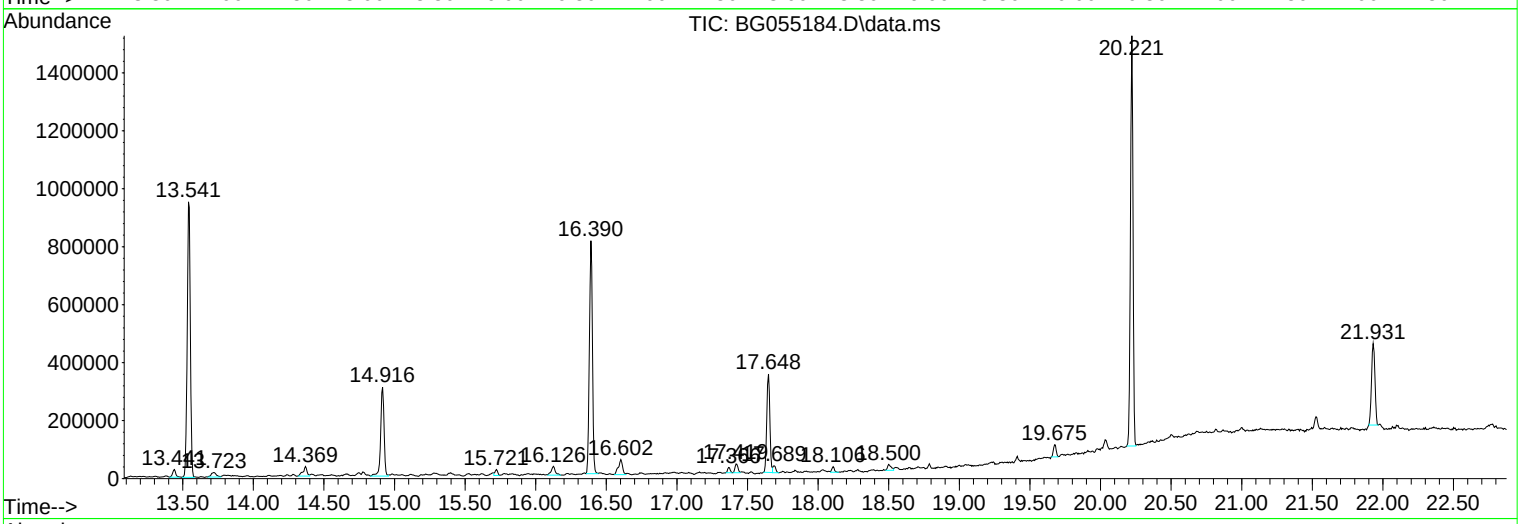
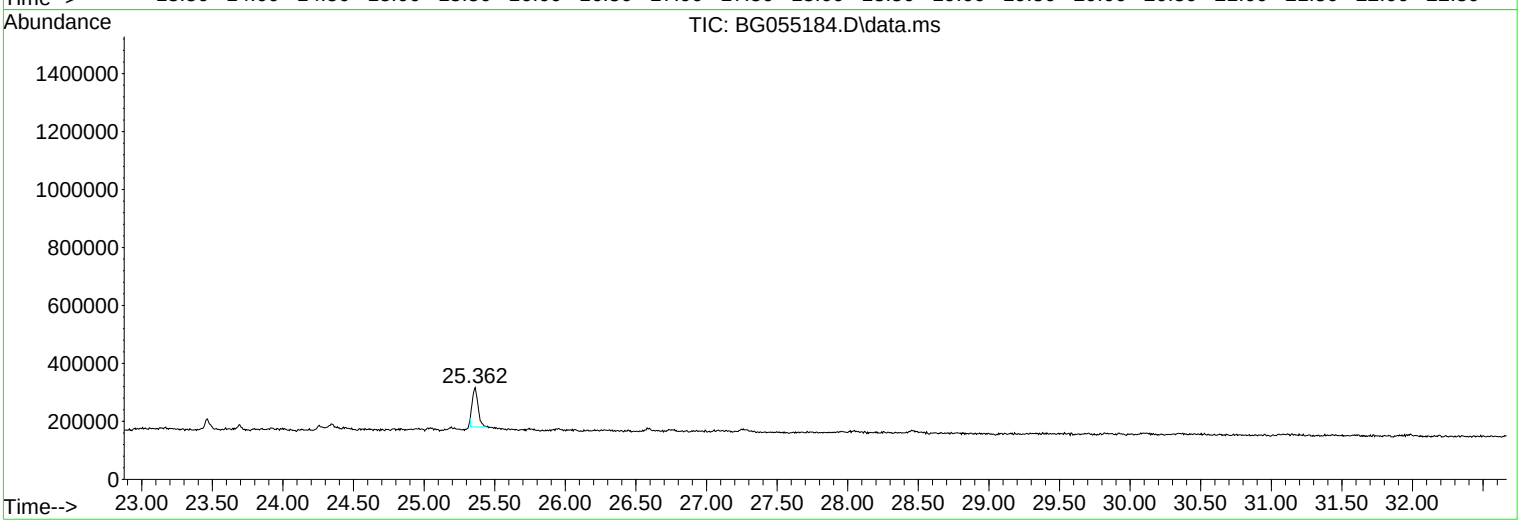
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

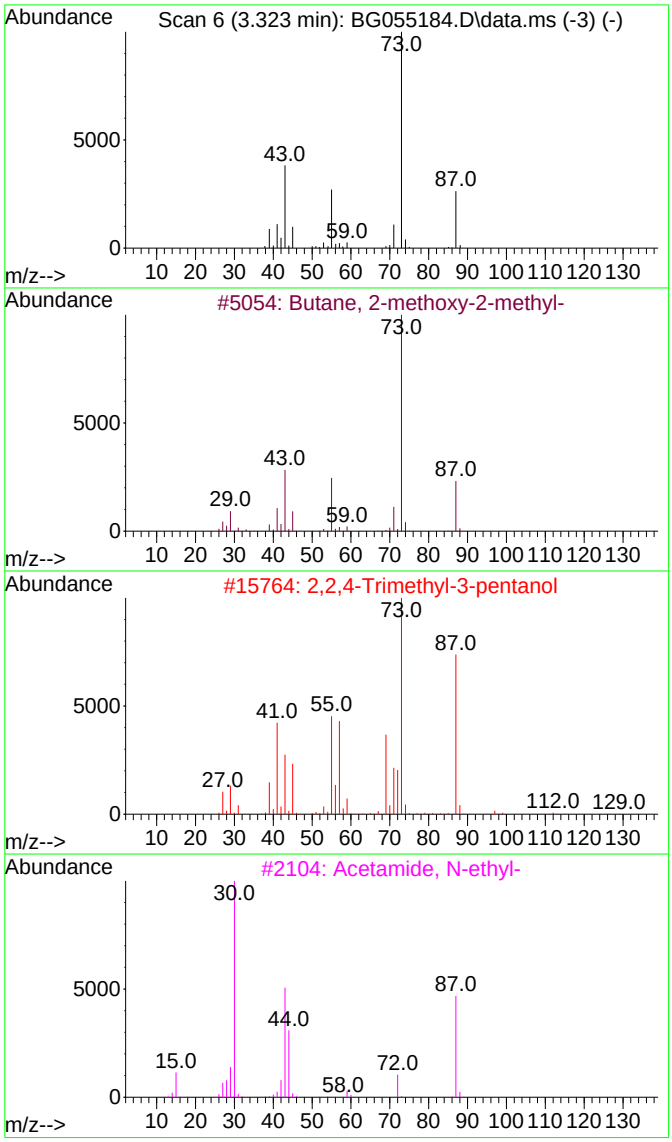
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

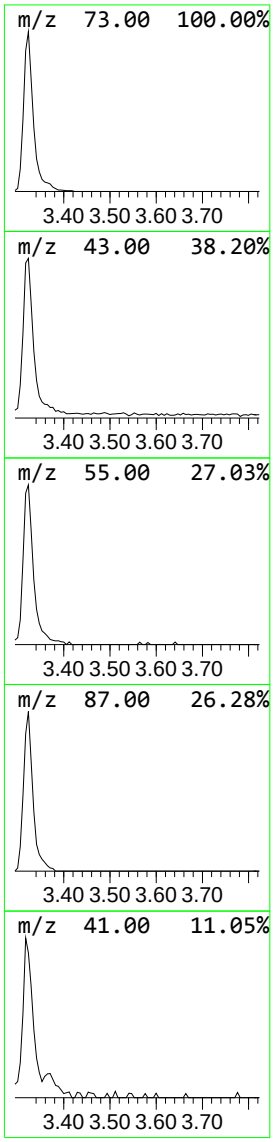
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.323	12.27 ng	141110	1,4-Dichlorobenzene-d4	8.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Sample : N5142-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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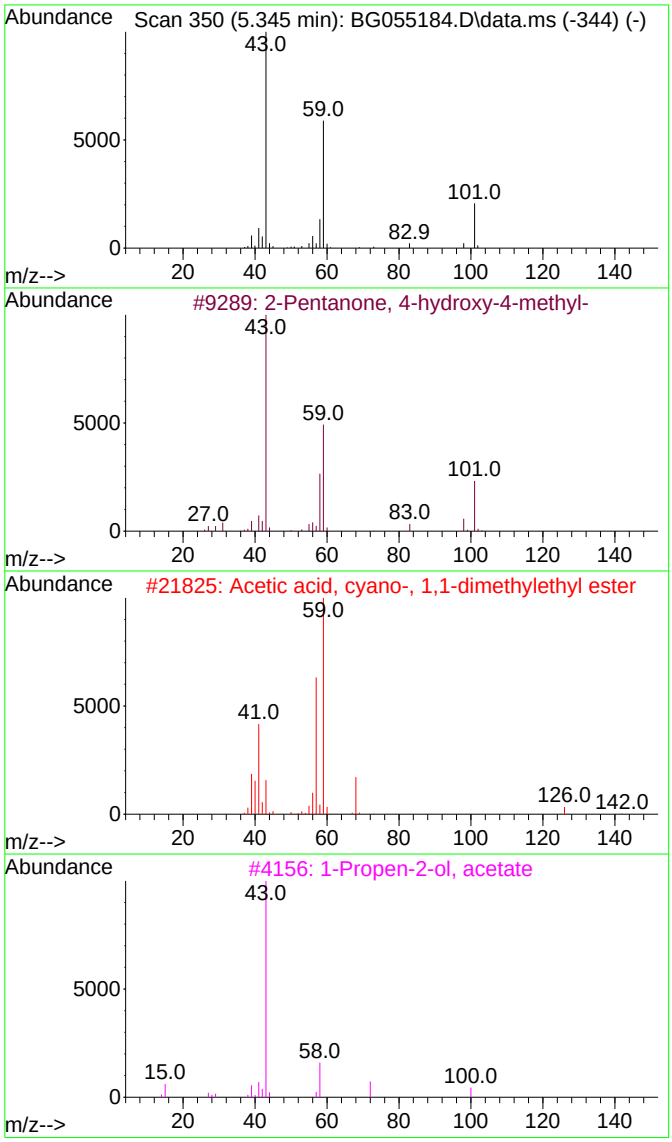
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

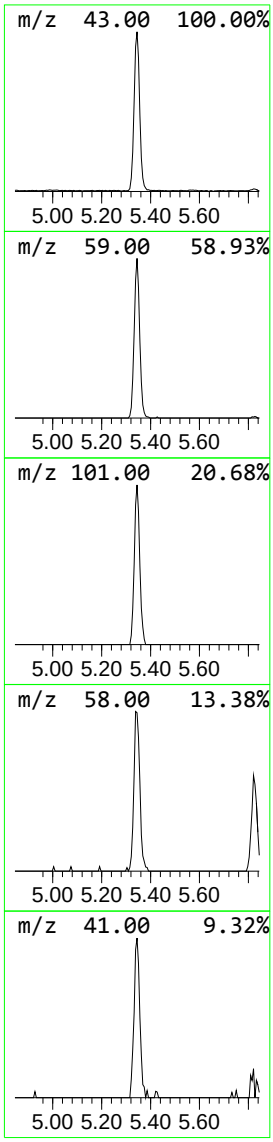
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.345	17.00 ng	195589	1,4-Dichlorobenzene-d4	8.306

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : N5142-07
Misc :
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

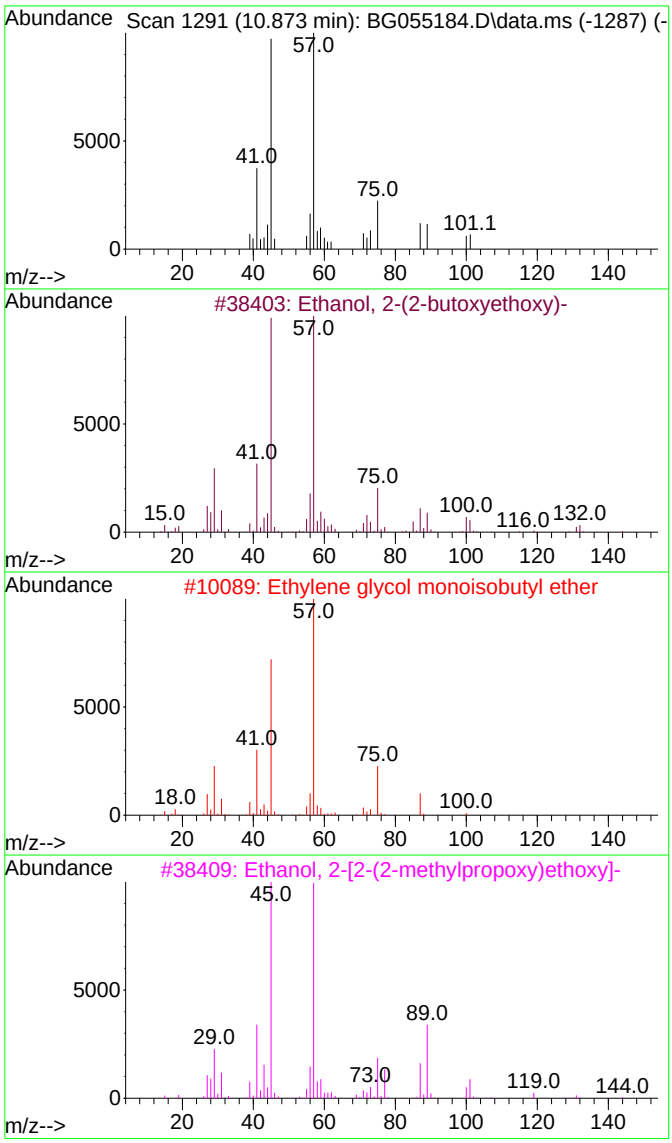
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

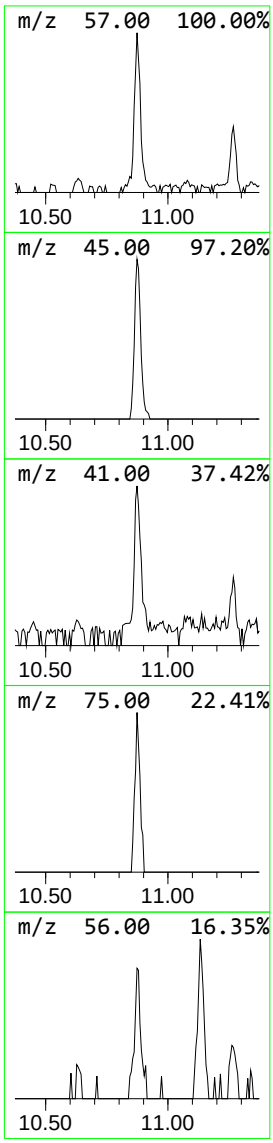
****

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.873	2.06 ng	35374	Naphthalene-d8	11.138

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	40
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	40





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
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TIC Library : C:\Database\NIST20.L
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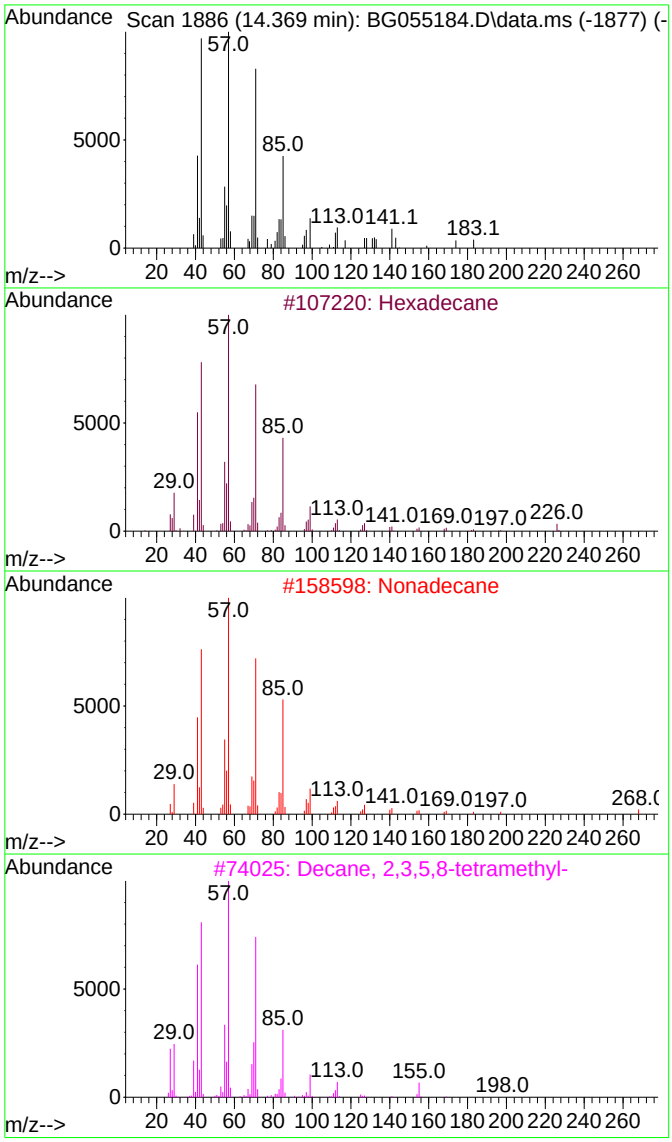
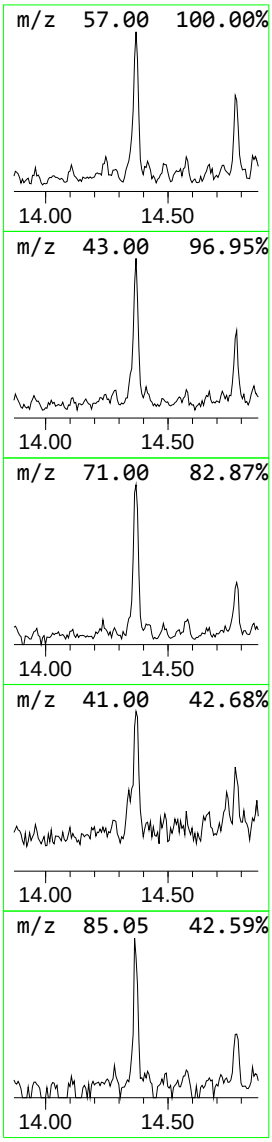
****

Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.369	2.65 ng	67424	Acenaphthene-d10	14.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-10

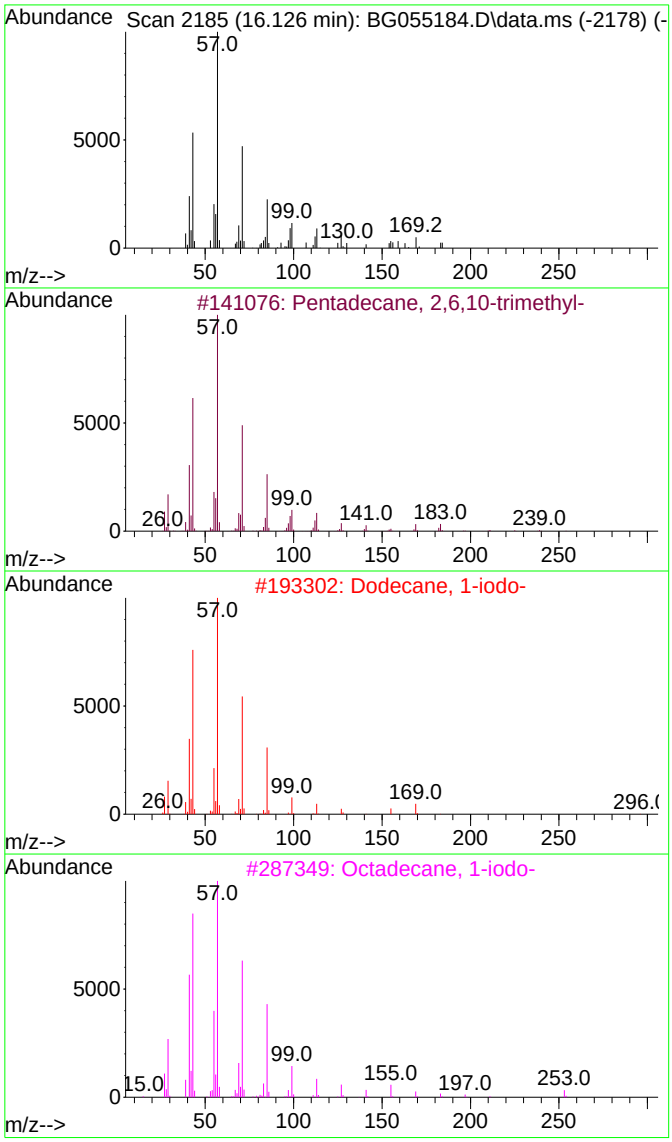
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

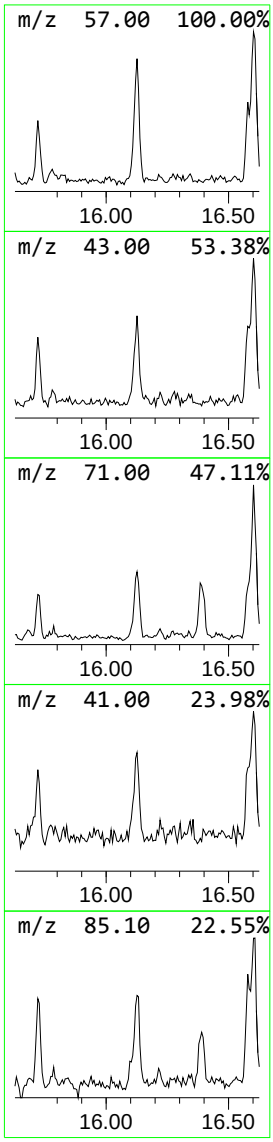
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.126	2.41 ng	61384	Acenaphthene-d10	14.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	68
4	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64





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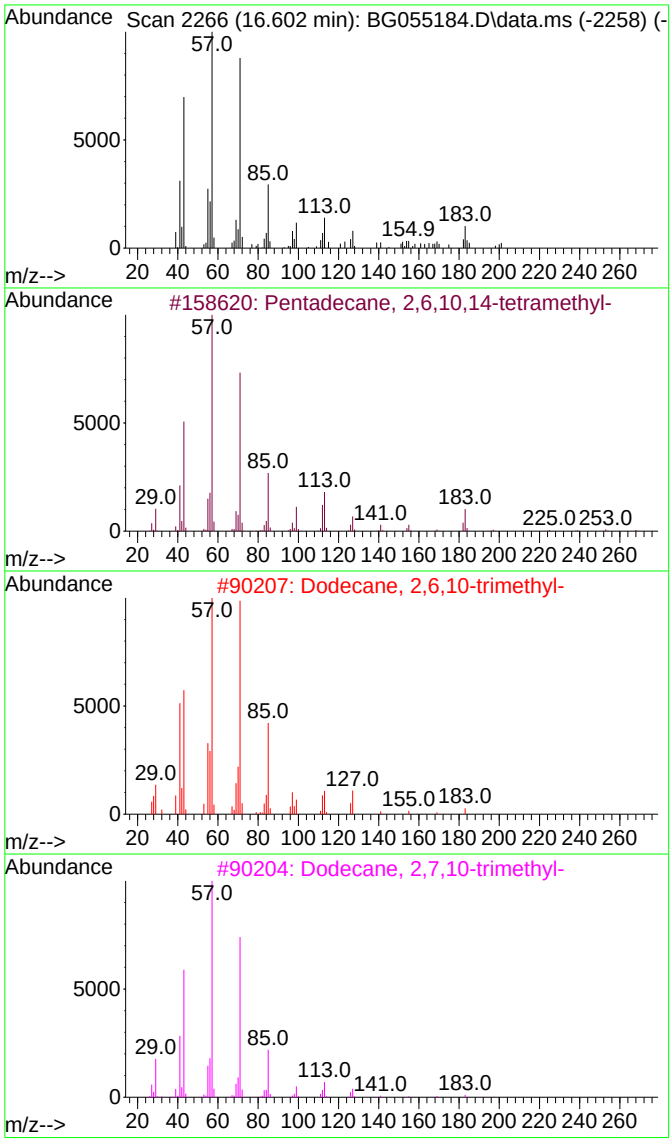
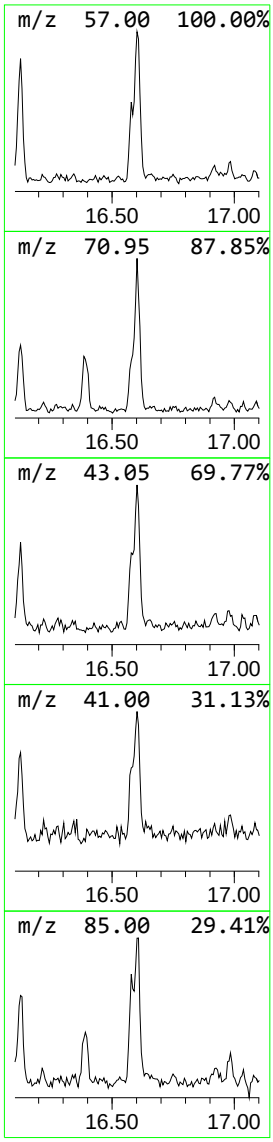
****
Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.602	4.14 ng	106155	Phenanthrene-d10	17.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72





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
Butane, 2-metho...	3.323	12.3	ng	141110	1	8.306	230092	20.0
2-Pentanone, 4-...	5.345	17.0	ng	195589	1	8.306	230092	20.0
Ethanol, 2-(2-b...	10.873	2.1	ng	35374	2	11.138	342712	20.0
Hexadecane	14.369	2.6	ng	67424	3	14.916	508616	20.0
Pentadecane, 2,...	16.126	2.4	ng	61384	3	14.916	508616	20.0
Pentadecane, 2,...	16.602	4.1	ng	106155	4	17.648	513057	20.0