LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055373.D
Acq On : 29 Oct 2022 20:13
Operator : CG/JU
Sample : N5316-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.324	4	6	14	rVB2	11531	16269	1.10%	0.207%
2	5.304	335	343	351	rBV	62421	95087	6.41%	1.208%
3	5.786	418	425	438	rBV	401204	663407	44.72%	8.430%
4	7.407	693	701	711	rBV	421004	710173	47.87%	9.024%
5	8.259	840	846	853	rBV	99945	167208	11.27%	2.125%
6	9.434	1037	1046	1058	rBV	244424	436054	29.39%	5.541%
7	10.833	1278	1284	1301	rBV	30572	65332	4.40%	0.830%
8	11.091	1319	1328	1336	rBV	145068	255655	17.23%	3.249%
9	13.500	1731	1738	1748	rBV	693849	1066321	71.87%	13.550%
10	14.875	1964	1972	1980	rBV	239695	366473	24.70%	4.657%
11	16.355	2217	2224	2241	rBV	505818	816645	55.04%	10.377%
12	17.607	2430	2437	2442	rBV	296733	435928	29.38%	5.539%
13	18.465	2578	2583	2590	rBV4	12818	28377	1.91%	0.361%
14	19.640	2778	2783	2787	rBV	33356	46829	3.16%	0.595%
15	19.998	2840	2844	2850	rVB	34251	49468	3.33%	0.629%
16	20.180	2869	2875	2881	rBV	1153256	1483633	100.00%	18.852%
17	21.491	3093	3098	3111	rVB8	24020	79889	5.38%	1.015%
18	21.878	3157	3164	3170	rBV2	272302	510386	34.40%	6.485%
19	25.269	3730	3741	3752	rVB2	169524	518627	34.96%	6.590%
20	26.426	3931	3938	3946	rVB6	19680	57949	3.91%	0.736%

Sum of corrected areas: 7869710

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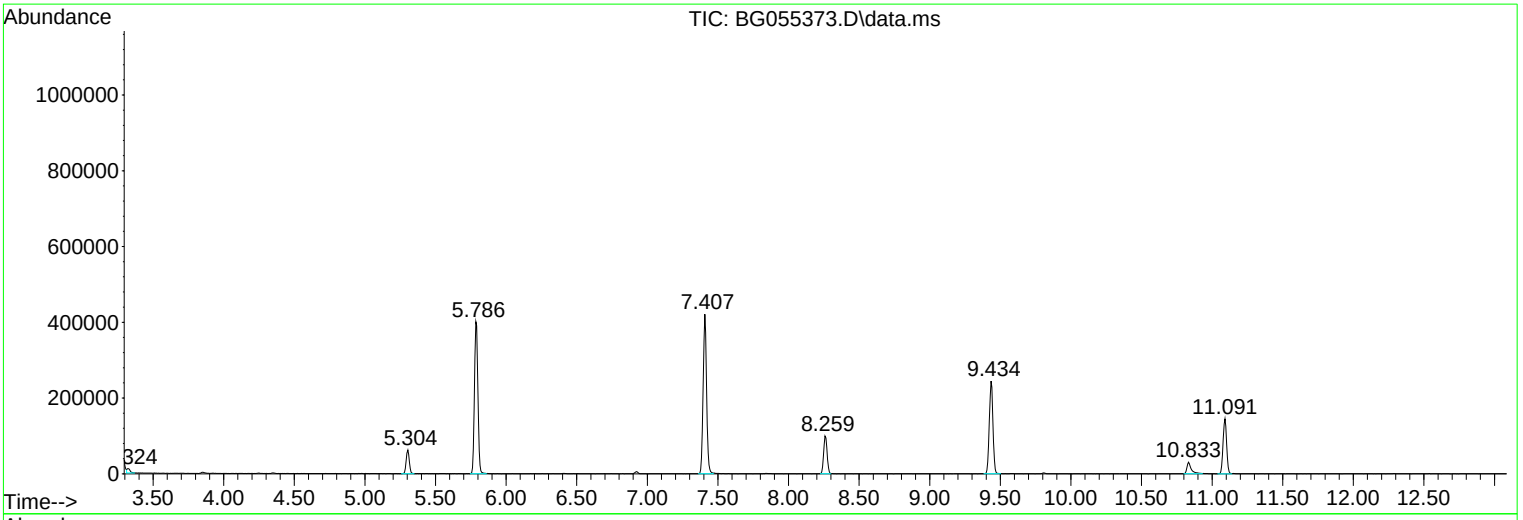
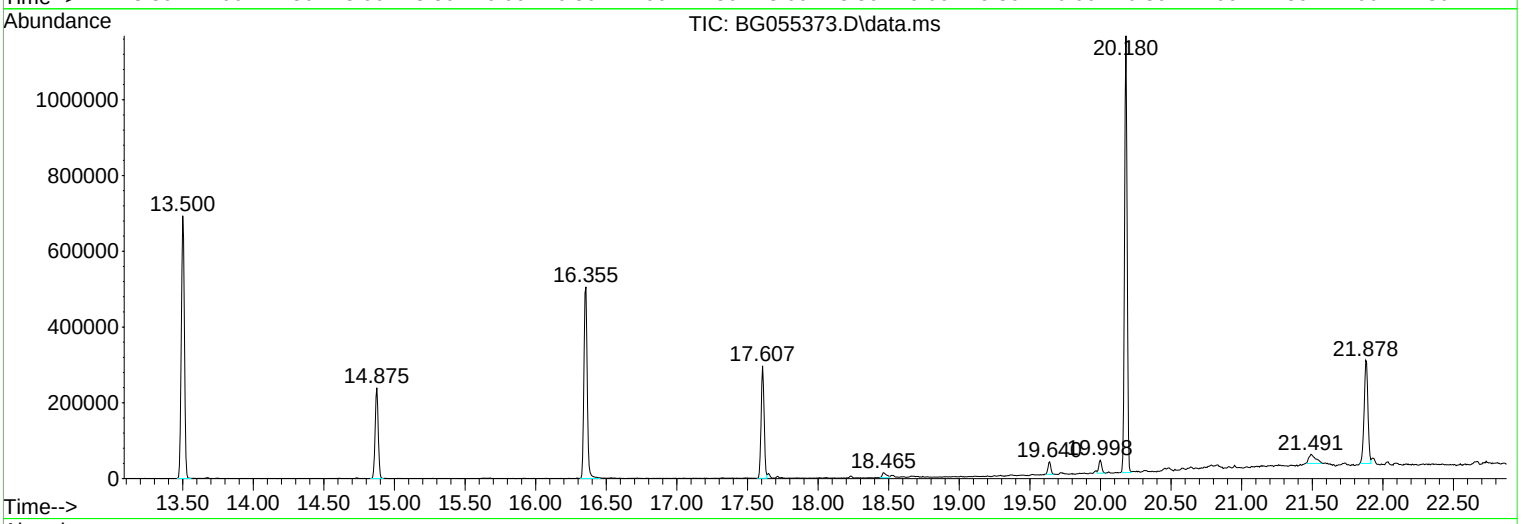
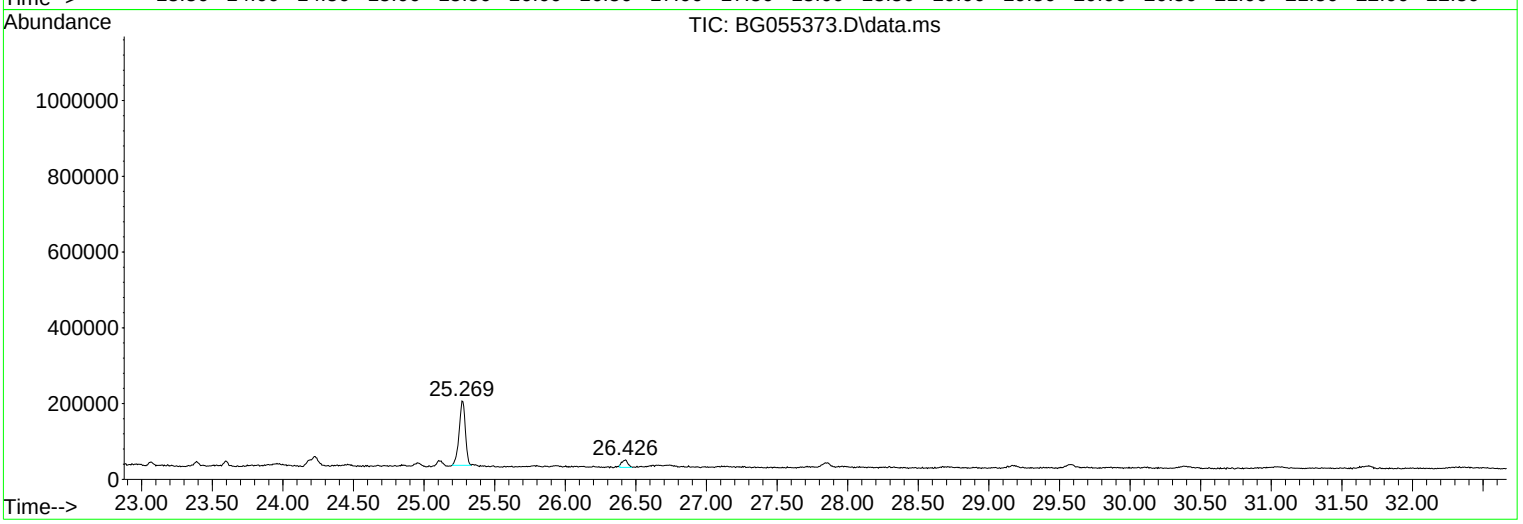
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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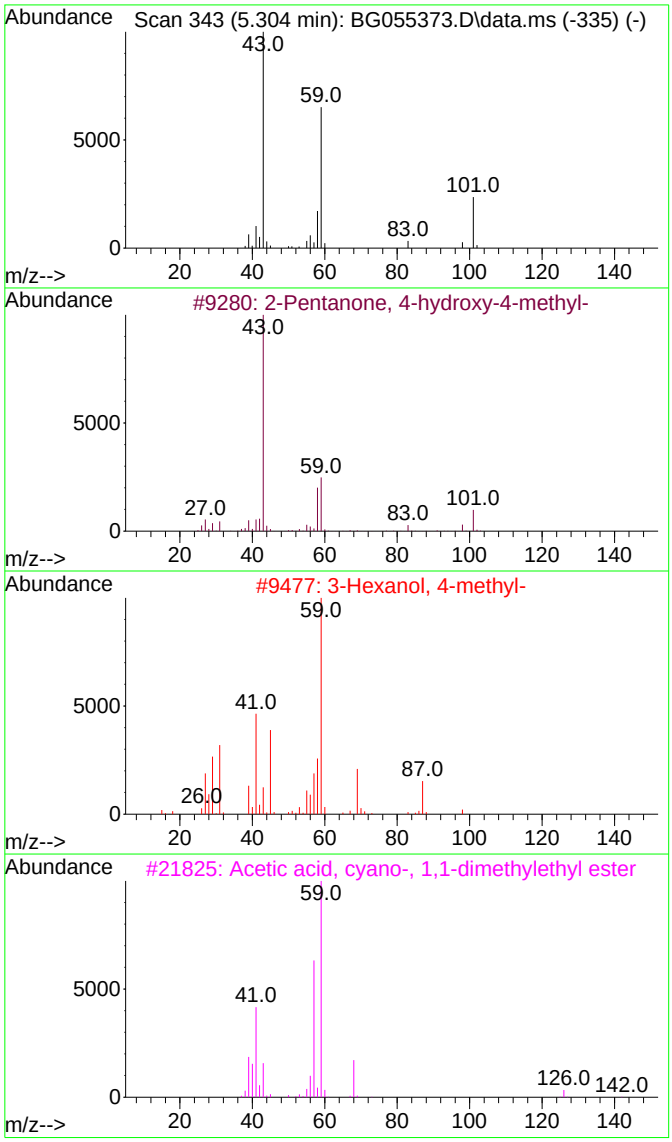
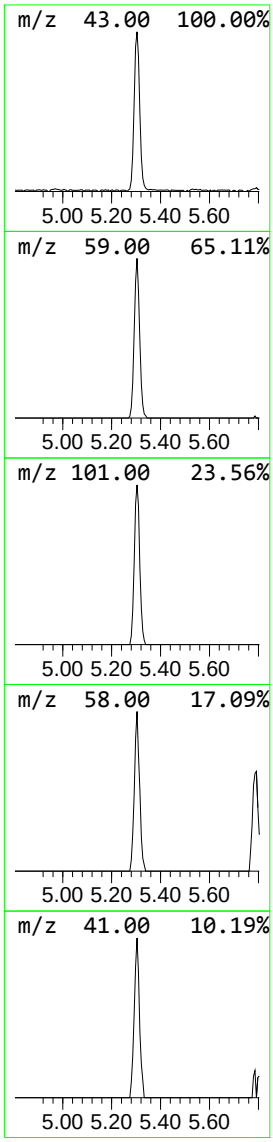
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.304	11.37 ng	95087	1,4-Dichlorobenzene-d4	8.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	10





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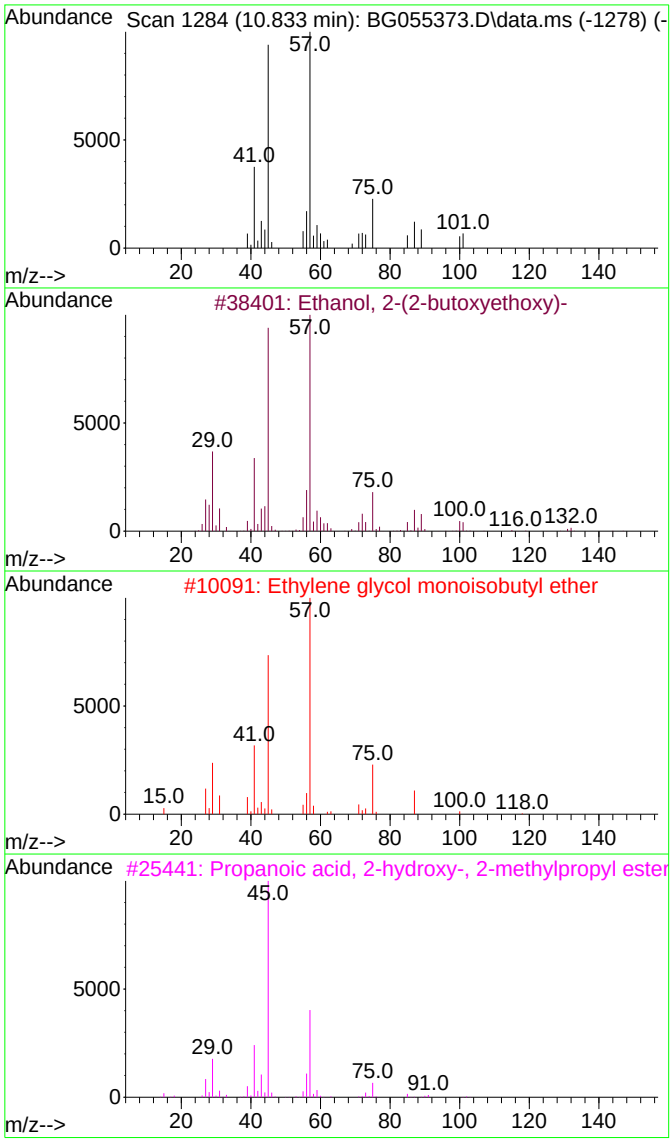
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

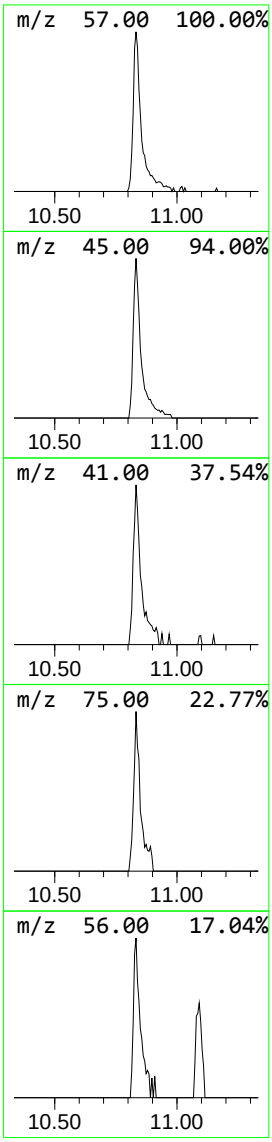
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	5.11 ng	65332	Naphthalene-d8	11.091

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50





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Sample : N5316-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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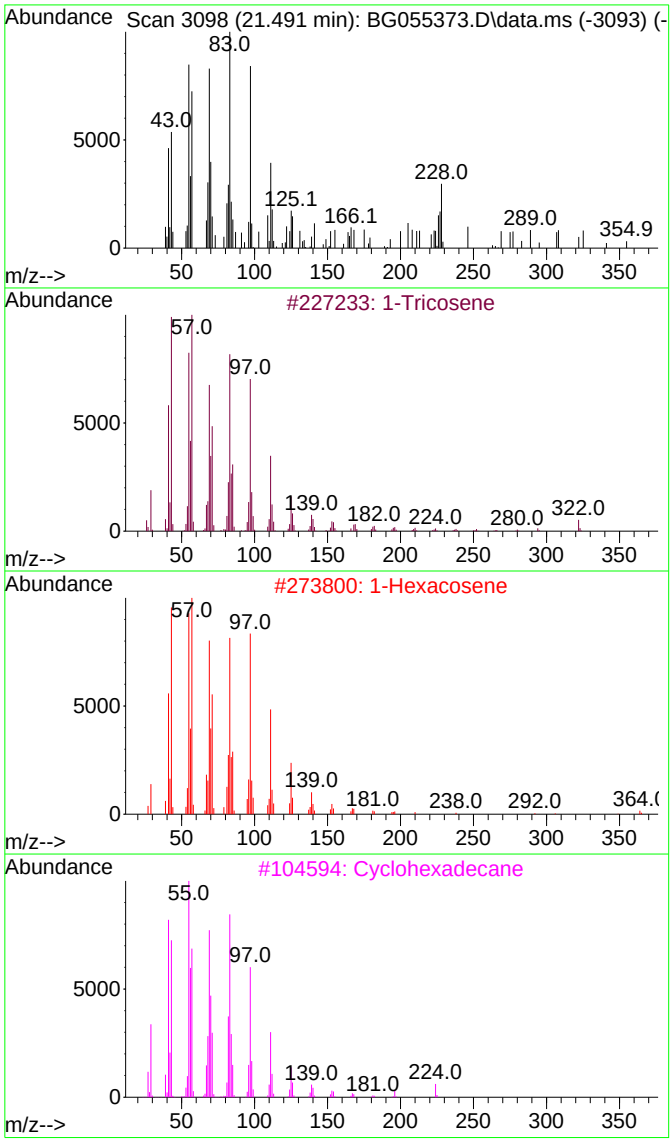
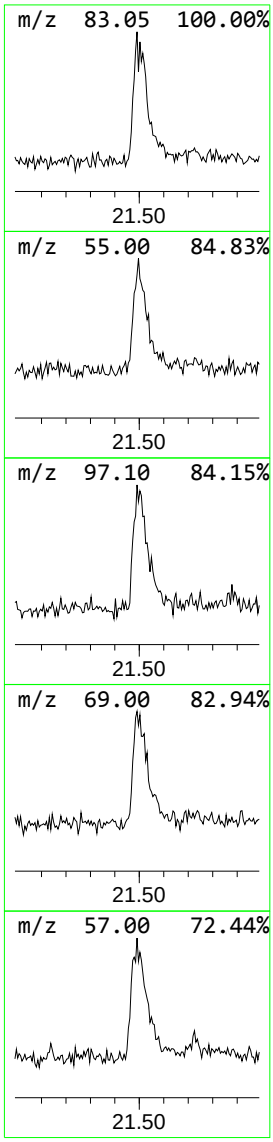
Peak Number 4 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.491	3.13 ng	79889	Chrysene-d12	21.878

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	64
2	1-Hexacosene	364	C26H52	018835-33-1	64
3	Cyclohexadecane	224	C16H32	000295-65-8	62
4	Cyclododecane	168	C12H24	000294-62-2	58
5	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	52





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
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TIC Library : C:\Database\NIST20.L
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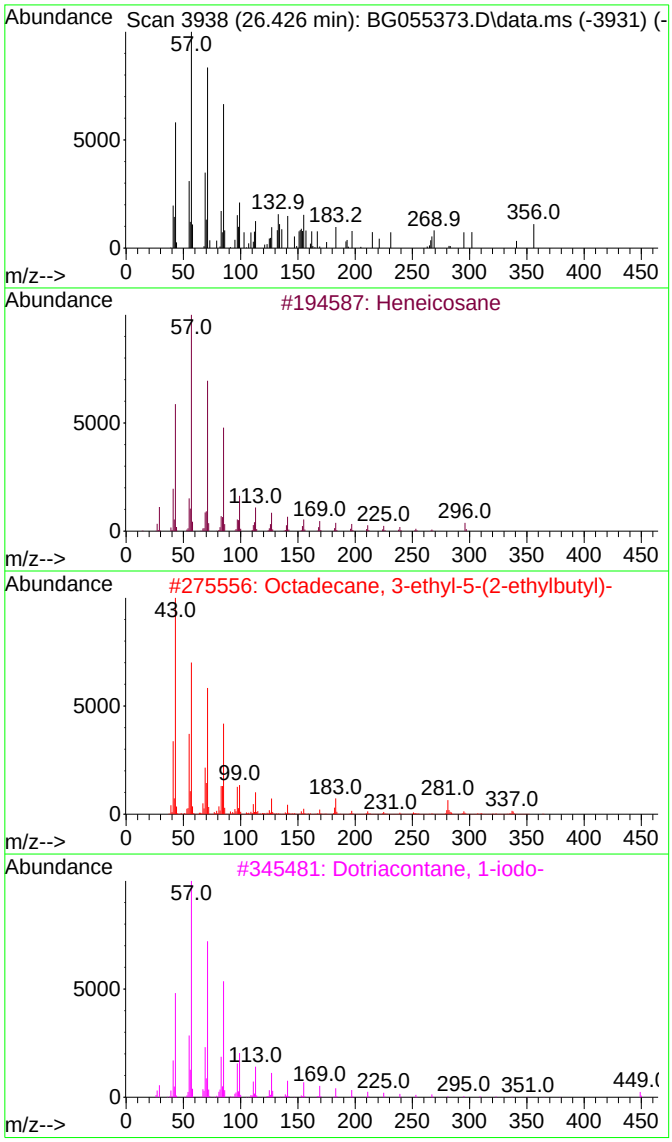
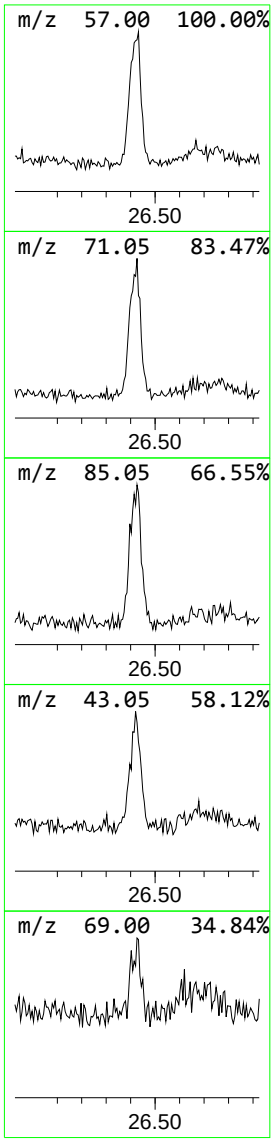
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.426	2.23 ng	57949	Perylene-d12	25.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	72
2	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	64
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Docosane	310	C22H46	000629-97-0	64





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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
2-Pentanone, 4-...	5.304	11.4	ng	95087	1	8.259	167208	20.0
Ethanol, 2-(2-b...	10.833	5.1	ng	65332	2	11.091	255655	20.0
1-Tricosene	21.491	3.1	ng	79889	5	21.878	510386	20.0
Heneicosane	26.426	2.2	ng	57949	6	25.275	518627	20.0