LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040256.D
Acq On : 30 Mar 2019 11:15
Operator : JU/SJ
Sample : K2106-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-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-BG032719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	14	rVB	306215	478914	11.06%	2.186%
2	3.194	14	18	39	rVB	608134	934115	21.57%	4.263%
3	5.609	420	429	438	rBV	489527	796096	18.39%	3.633%
4	7.207	693	701	712	rBV	397598	683565	15.79%	3.119%
5	7.583	757	765	773	rBV	836407	1416755	32.72%	6.465%
6	8.053	839	845	853	rBV	207235	361612	8.35%	1.650%
7	8.376	891	900	911	rVB	661027	1159069	26.77%	5.289%
8	9.234	1038	1046	1056	rBV	602801	1079062	24.92%	4.924%
9	10.867	1314	1324	1334	rBV	299721	541923	12.52%	2.473%
10	13.305	1729	1739	1747	rBV	1695342	2677181	61.83%	12.217%
11	14.686	1967	1974	1982	rVB2	513079	829274	19.15%	3.784%
12	16.173	2220	2227	2242	rBV	1401122	2211100	51.07%	10.090%
13	17.430	2435	2441	2452	rVB	743996	1117444	25.81%	5.099%
14	20.033	2878	2884	2899	rBV	2893153	4329689	100.00%	19.759%
15	21.707	3162	3169	3179	rVB2	748839	1256413	29.02%	5.734%
16	21.854	3189	3194	3199	rBV	34584	44851	1.04%	0.205%
17	22.465	3291	3298	3305	rBV	62539	101952	2.35%	0.465%
18	23.165	3410	3417	3425	rBV2	89854	178088	4.11%	0.813%
19	23.981	3548	3556	3567	rBV2	80670	184041	4.25%	0.840%
20	24.945	3710	3720	3722	rBV5	63993	144833	3.35%	0.661%
21	25.009	3722	3731	3746	rVB2	318440	1219300	28.16%	5.564%
22	26.090	3905	3915	3929	rBV3	38068	120242	2.78%	0.549%
23	27.471	4143	4150	4158	rVB10	15826	47364	1.09%	0.216%

Sum of corrected areas: 21912883

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Instrument :
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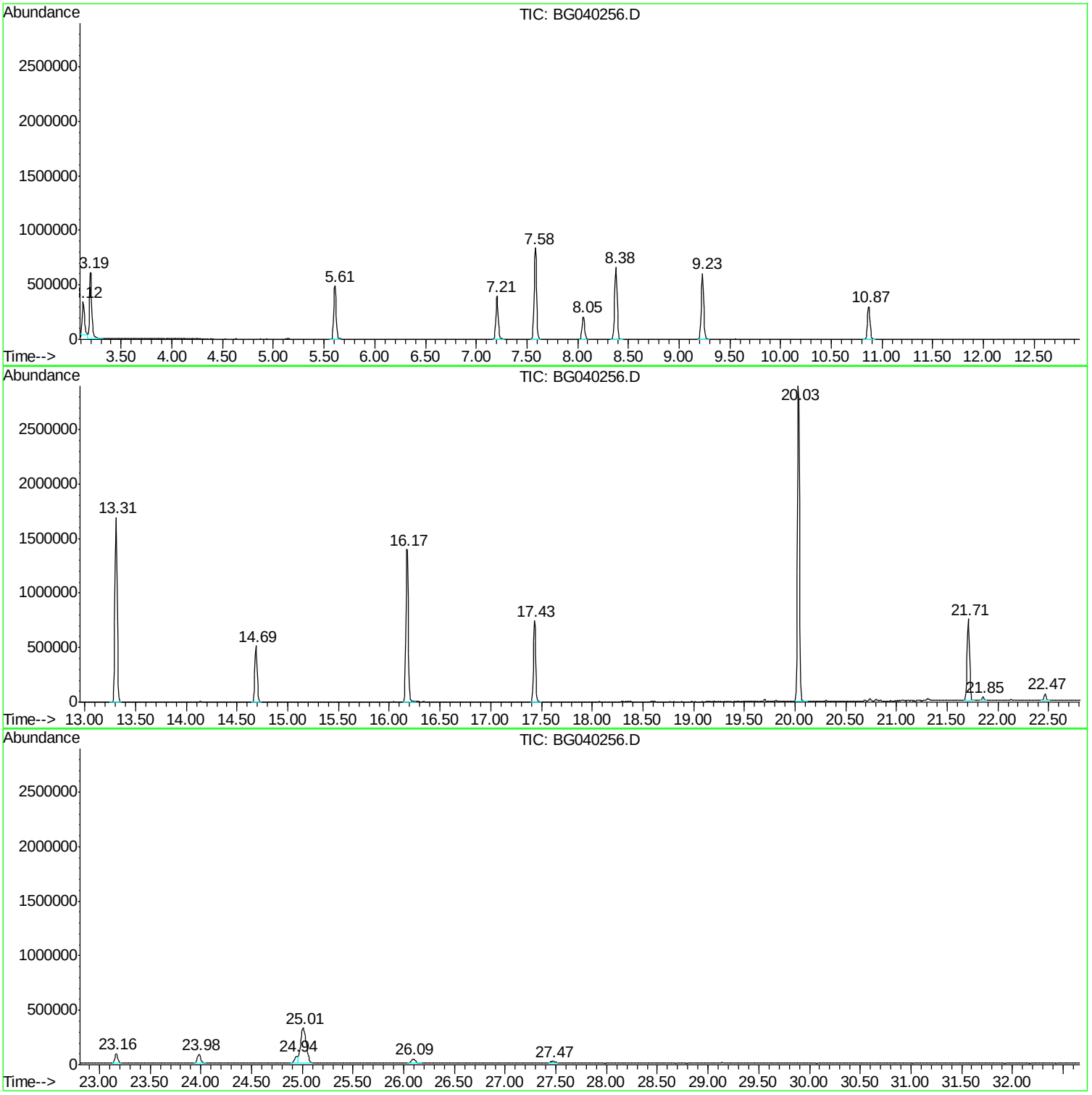
ClientSampleId :
W-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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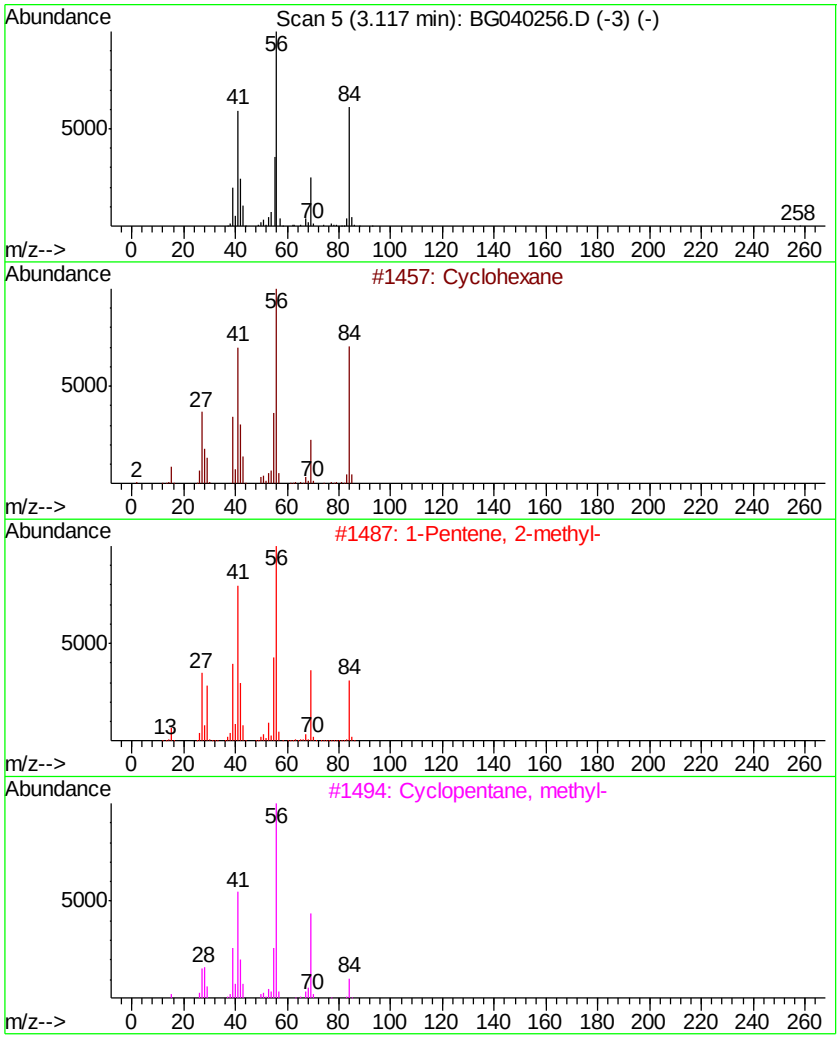
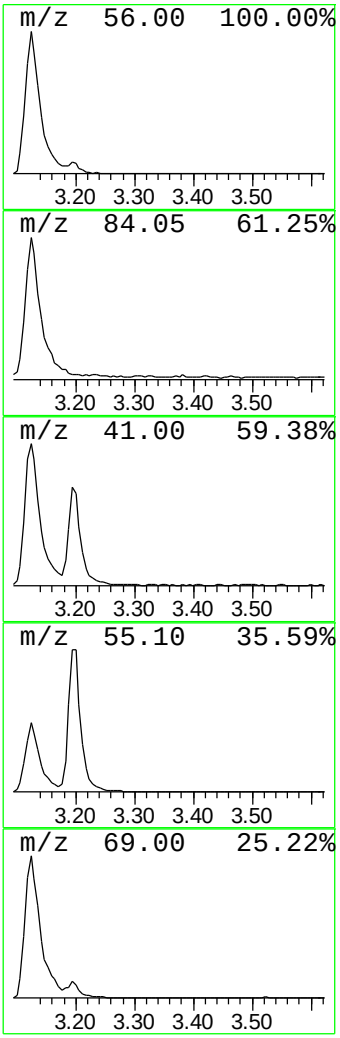
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	26.49 ng	478914	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	42
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42
5	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	38





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Instrument : BNA_G
ClientSampleId : W-2

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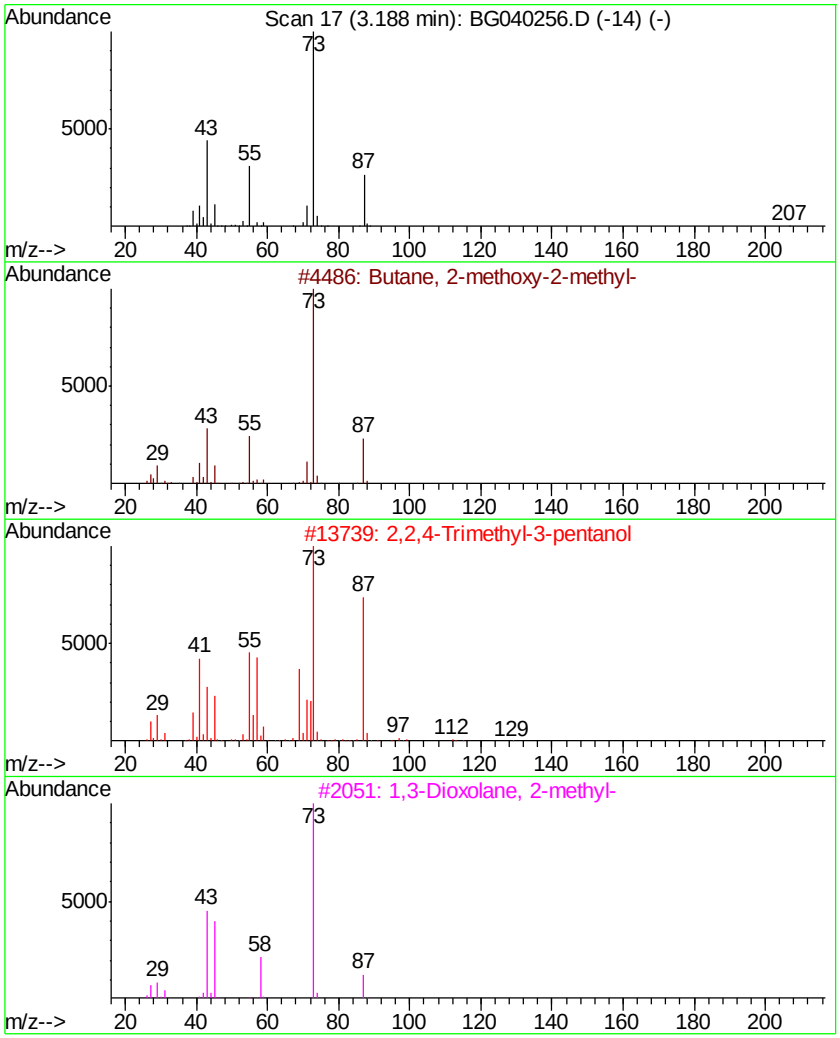
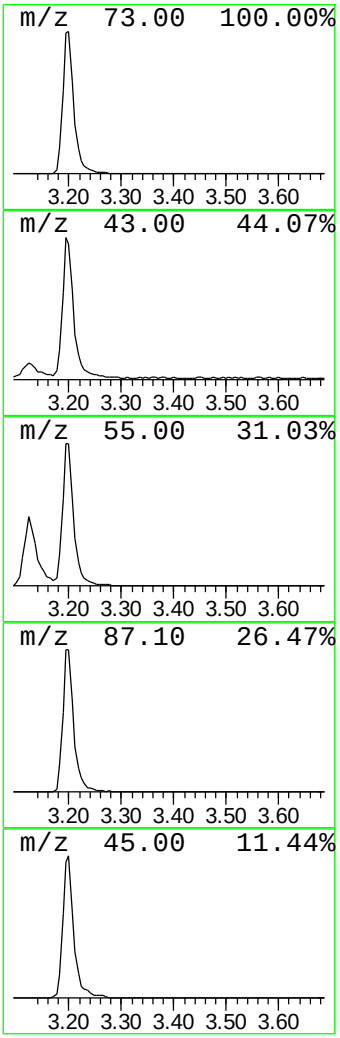
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	51.66 ng	934115	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : W-2

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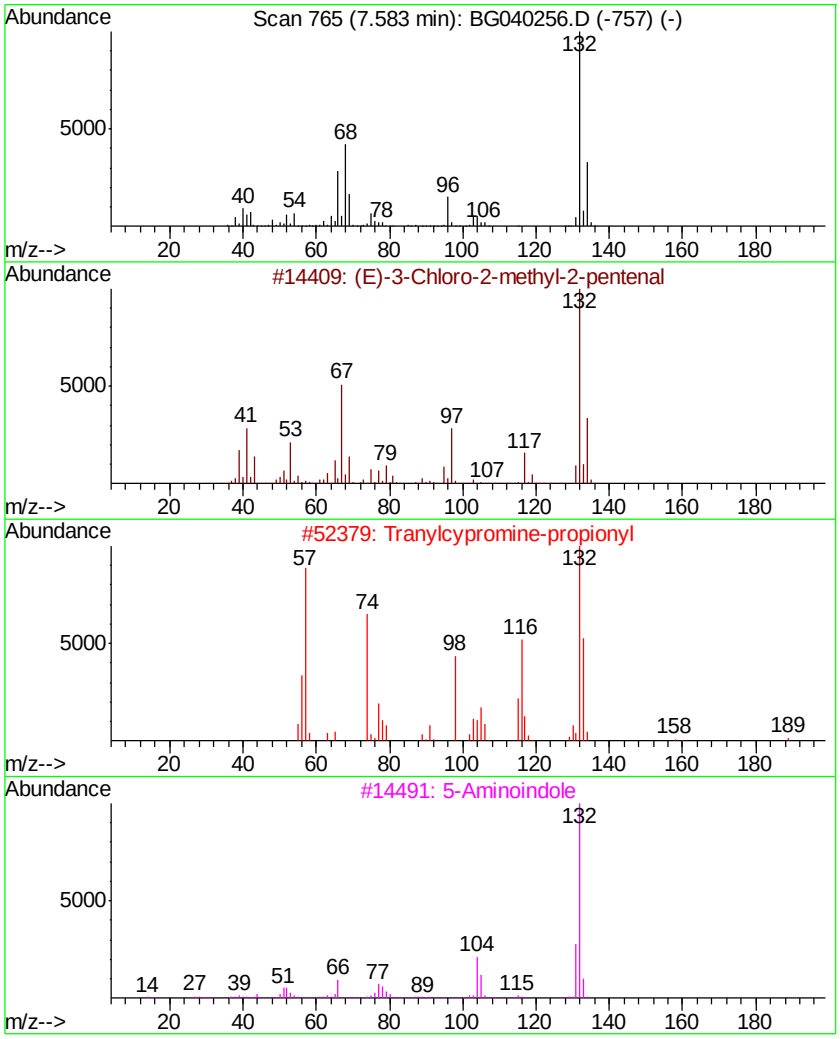
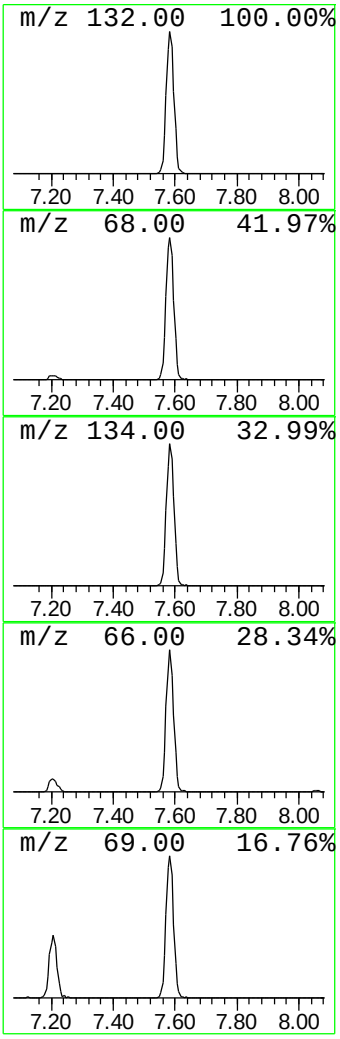
Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	78.36 ng	1416760	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_G
ClientSampleId : W-2

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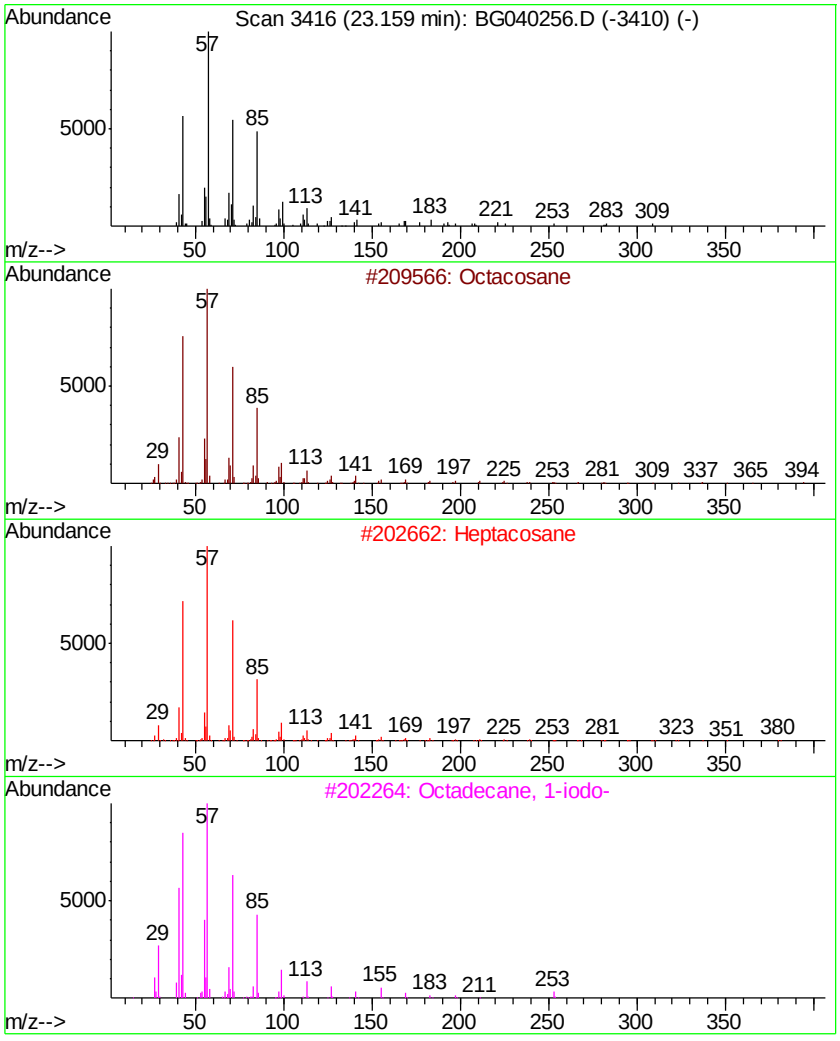
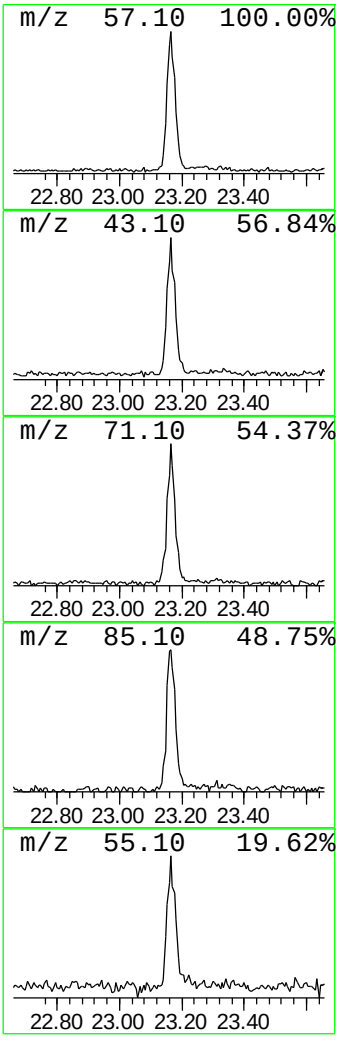
****

Peak Number 5 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.83 ng	178088	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Heptadecane	240	C17H36	000629-78-7	91





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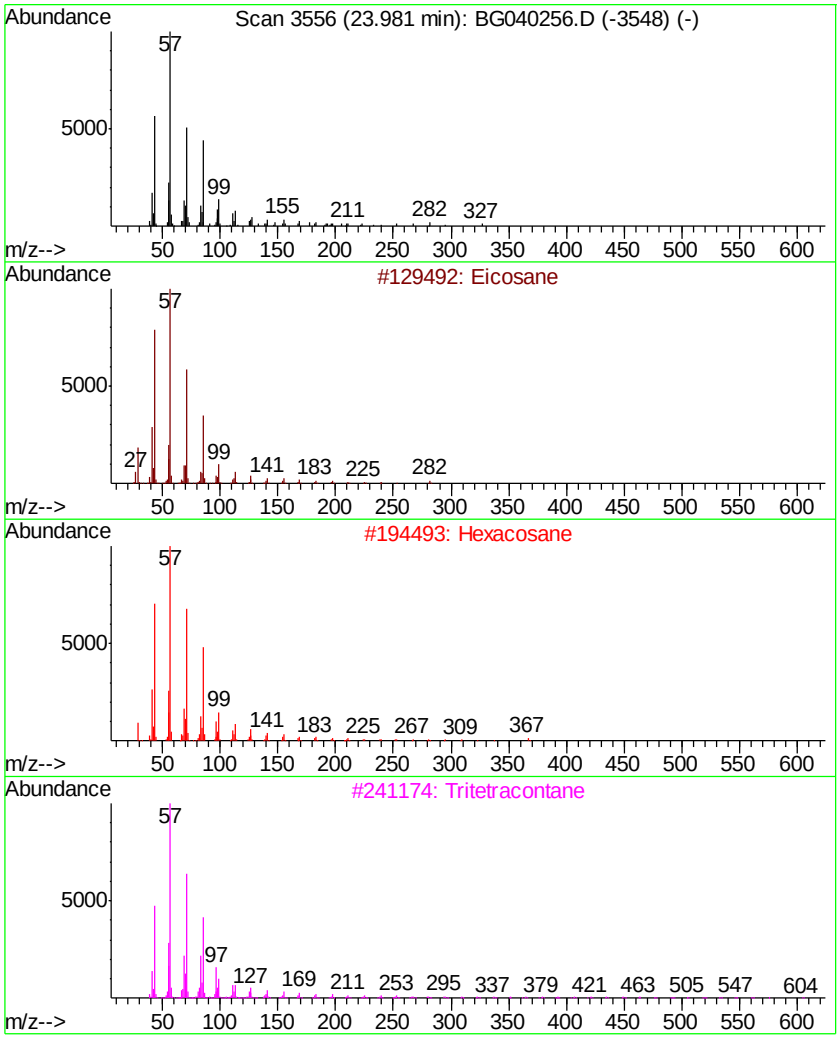
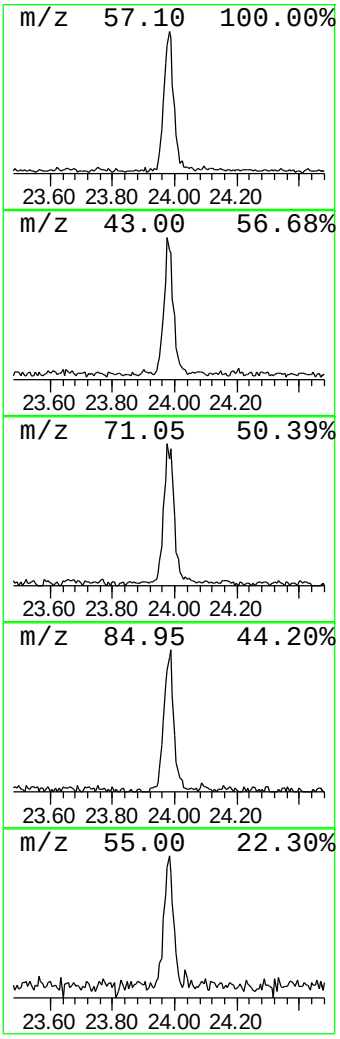
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.02 ng	184041	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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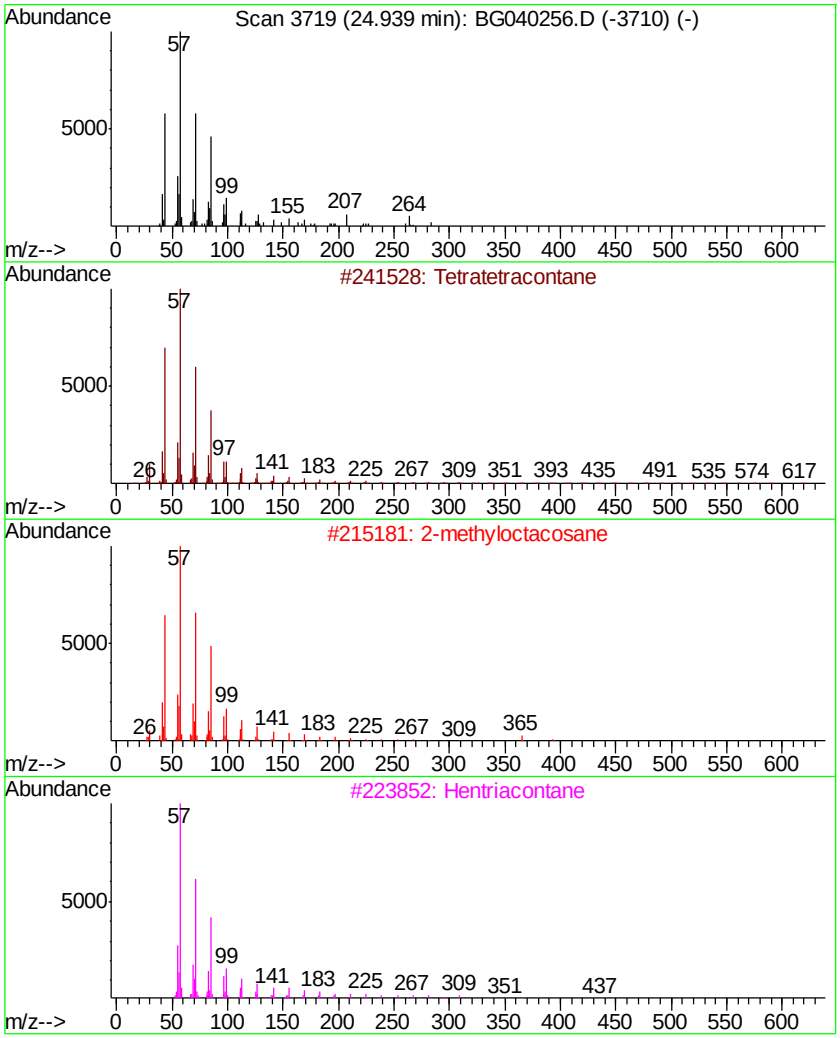
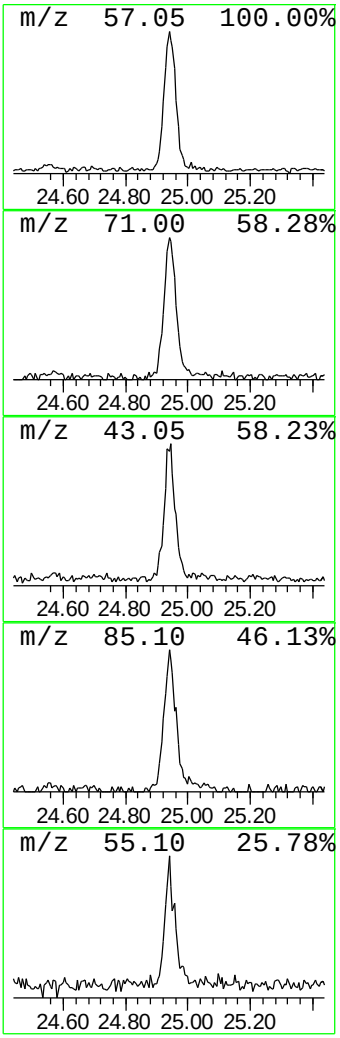
****

Peak Number 7 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.94	2.38 ng	144833	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	81
2	2-methyloctacosane	408	C29H60	1000376-72-8	81
3	Hentriacontane	437	C31H64	000630-04-6	81
4	Octacosane	394	C28H58	000630-02-4	81
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.12	26.5	ng	478914	1	8.05	361612	20.0
Butane, 2-methoxy...	3.19	51.7	ng	934115	1	8.05	361612	20.0
unknown7.58	7.58	78.4	ng	1416760	1	8.05	361612	20.0
Octacosane	23.16	2.8	ng	178088	5	21.71	1256410	20.0
Eicosane	23.98	3.0	ng	184041	6	25.01	1219300	20.0
Tetratetracontane	24.94	2.4	ng	144833	6	25.01	1219300	20.0