LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040254.D
Acq On : 30 Mar 2019 9:55
Operator : JU/SJ
Sample : K2112-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DR-WC-001

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	155038	250415	5.69%	1.049%
2	3.194	14	18	29	rVB	141141	199657	4.53%	0.837%
3	5.609	422	429	438	rBV	1047103	1658309	37.66%	6.949%
4	7.207	692	701	715	rBV	1091561	1890765	42.94%	7.923%
5	7.583	756	765	775	rBV	1074900	1779129	40.40%	7.455%
6	8.053	838	845	856	rBV	197306	347005	7.88%	1.454%
7	8.376	893	900	912	rBV	745927	1276151	28.98%	5.347%
8	9.234	1036	1046	1058	rBV	605277	1117323	25.37%	4.682%
9	10.867	1317	1324	1336	rVB	275970	499956	11.35%	2.095%
10	13.305	1732	1739	1748	rBV	1739016	2754034	62.54%	11.540%
11	14.134	1872	1880	1886	rBV	114596	169866	3.86%	0.712%
12	14.686	1967	1974	1982	rBV2	471678	766235	17.40%	3.211%
13	16.173	2220	2227	2241	rBV	1425288	2287105	51.94%	9.584%
14	17.430	2434	2441	2451	rBV2	692767	1055589	23.97%	4.423%
15	20.033	2878	2884	2895	rBV	2967653	4403741	100.00%	18.453%
16	21.713	3163	3170	3178	rVB	725581	1204758	27.36%	5.048%
17	21.854	3187	3194	3199	rBV	46996	74176	1.68%	0.311%
18	22.465	3293	3298	3304	rVB	81109	128445	2.92%	0.538%
19	22.859	3359	3365	3376	rVB4	48180	89255	2.03%	0.374%
20	23.165	3410	3417	3429	rBV2	110152	211074	4.79%	0.884%
21	23.981	3549	3556	3563	rBV2	94983	209507	4.76%	0.878%
22	25.009	3712	3731	3747	rBV4	300976	1360414	30.89%	5.700%
23	26.096	3907	3916	3927	rVB3	45676	132087	3.00%	0.553%

Sum of corrected areas: 23864996

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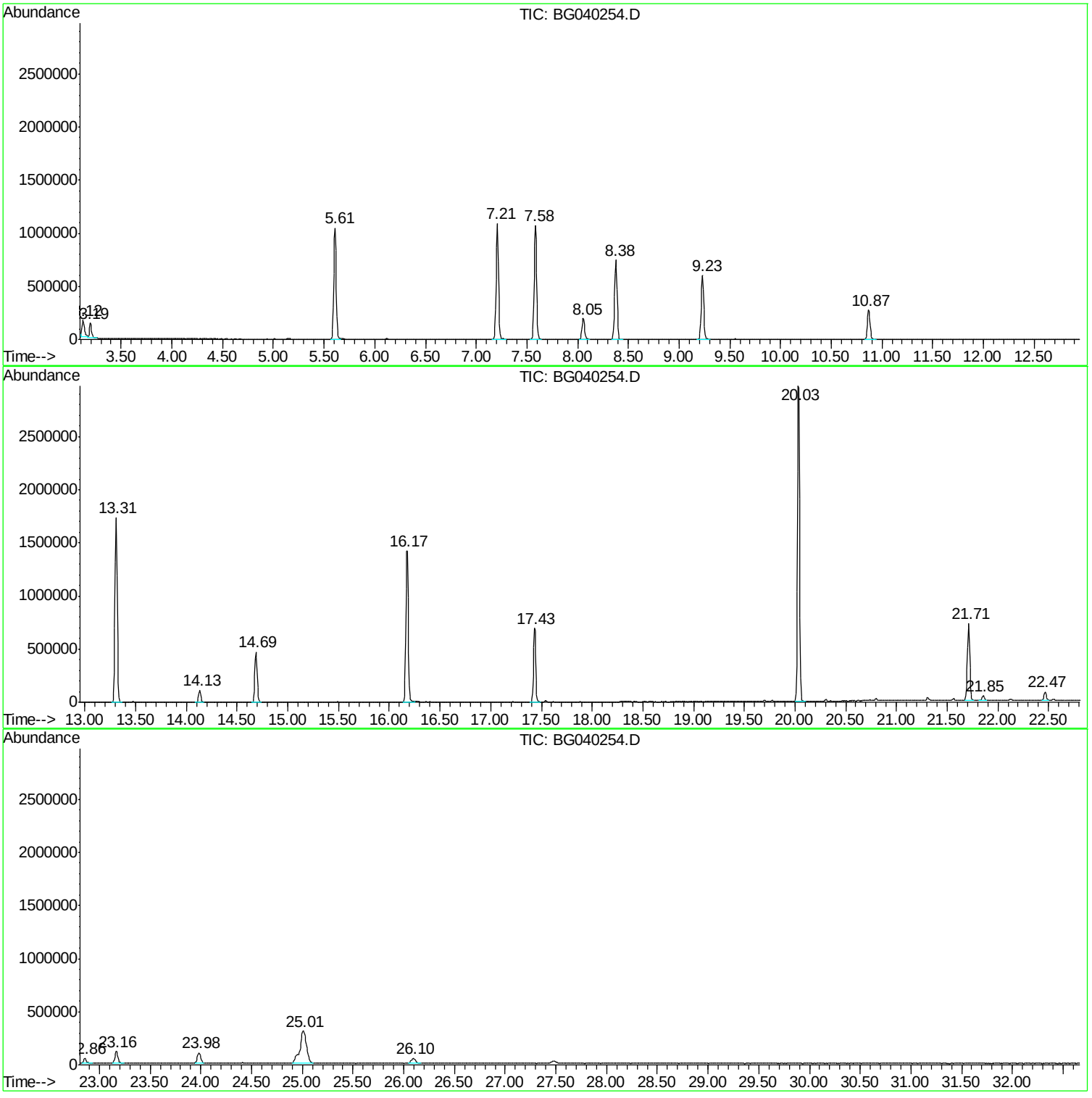
Instrument :
BNA_G
ClientSampleId :
DR-WC-001

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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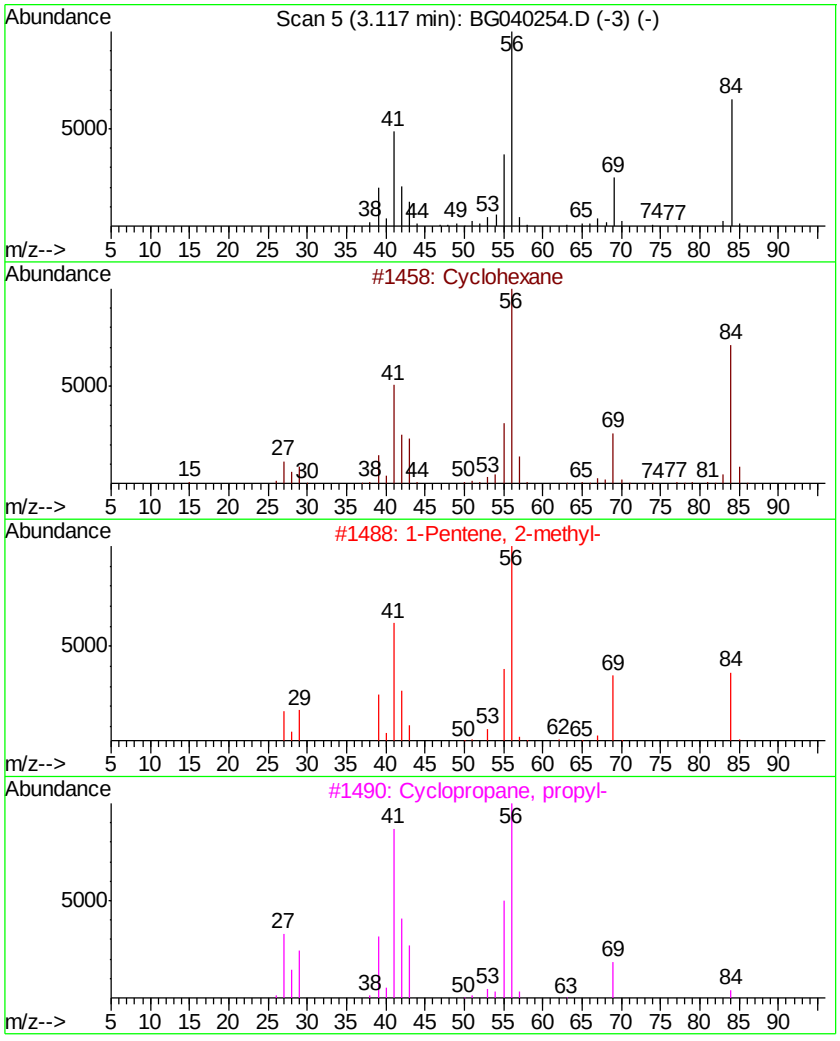
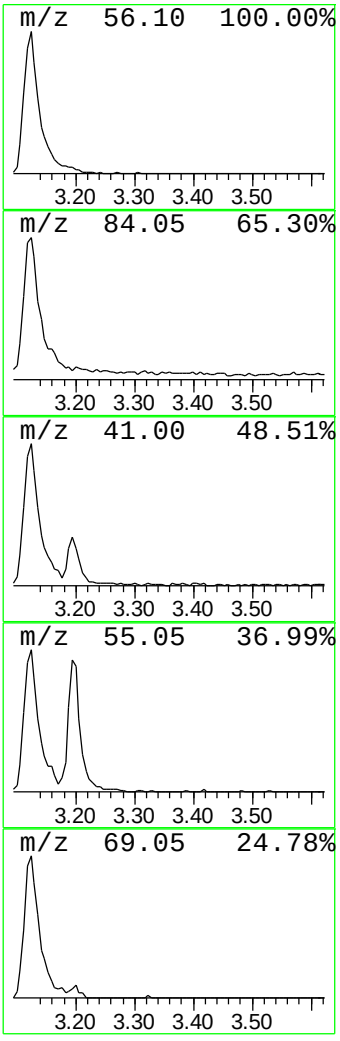
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	14.43 ng	250415	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	80
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	53
4	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	42
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	40





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Sample : K2112-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DR-WC-001

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

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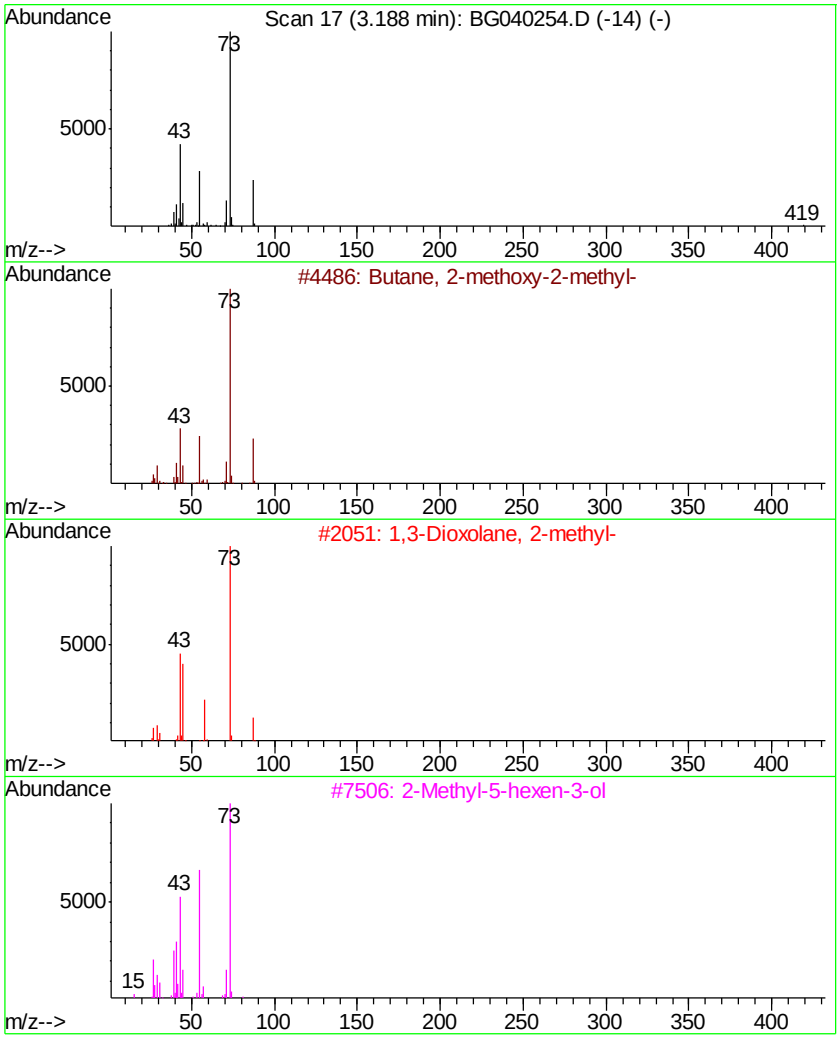
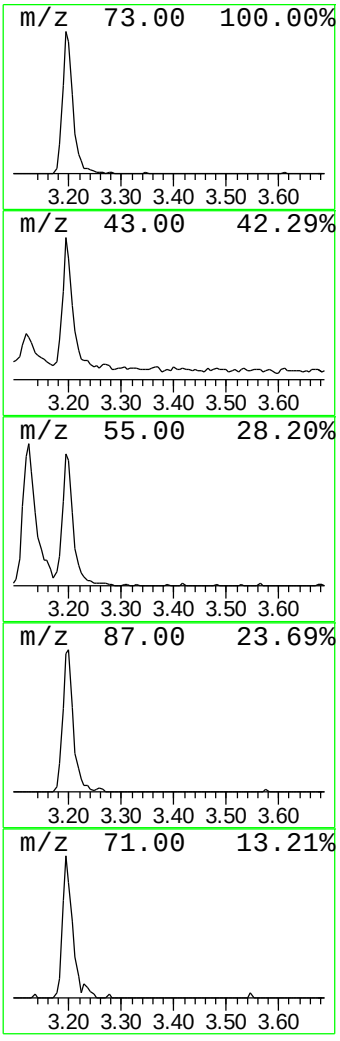
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	11.51 ng	199657	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Sample : K2112-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DR-WC-001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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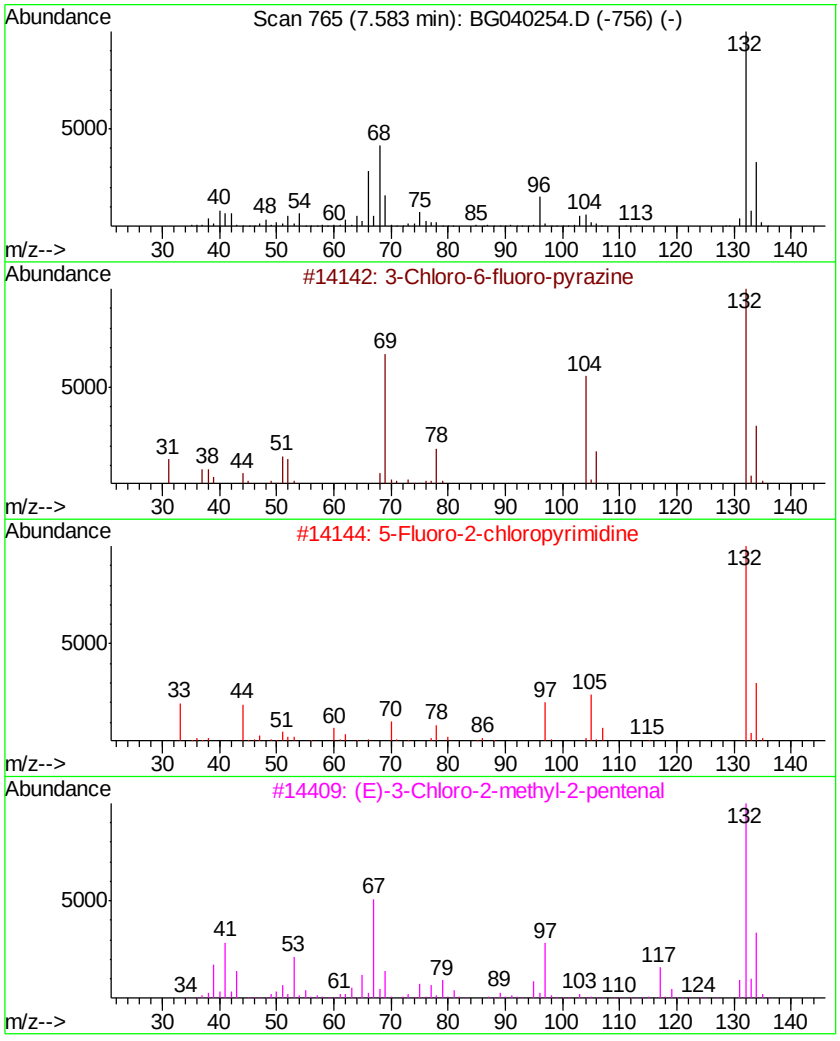
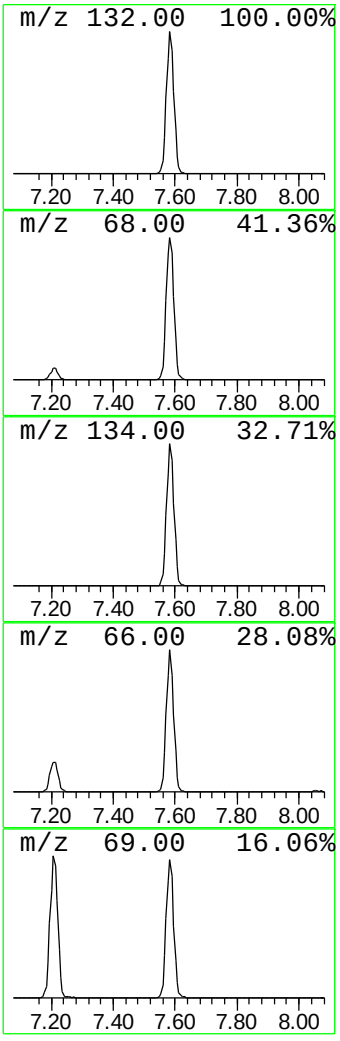
Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	102.54 ng	1779130	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : DR-WC-001

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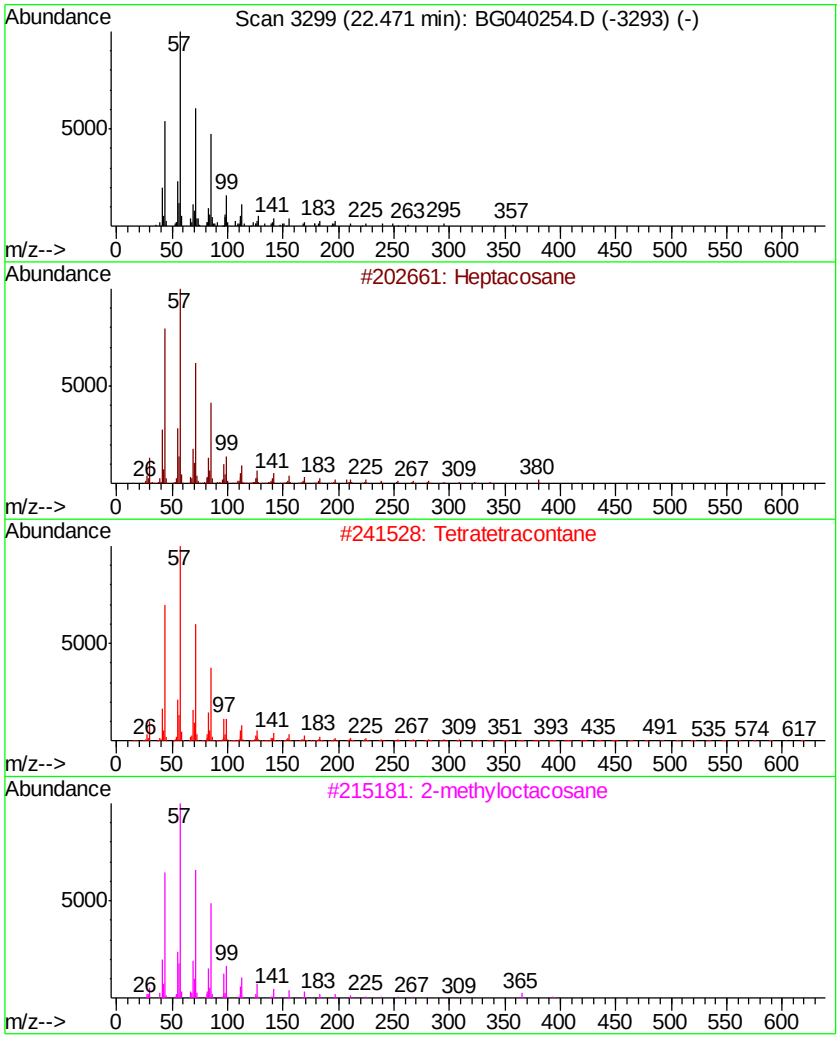
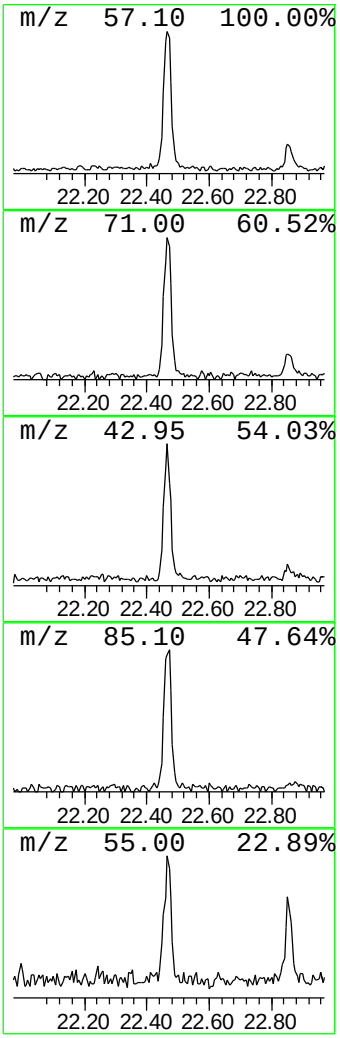
Peak Number 5 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.13 ng	128445	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Instrument : BNA_G
ClientSampleId : DR-WC-001

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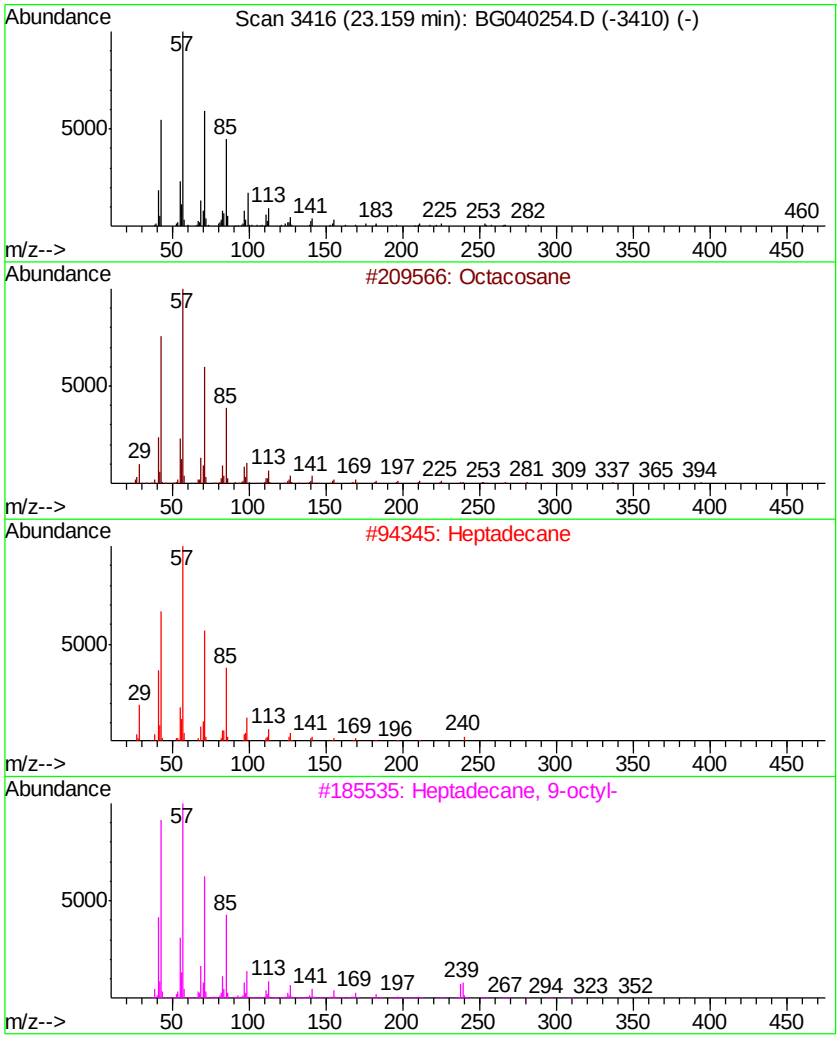
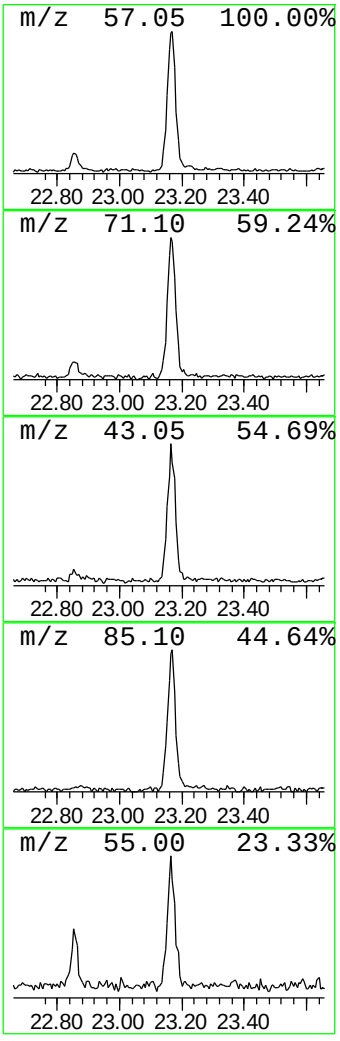
Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.50 ng	211074	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





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Instrument : BNA_G
ClientSampleId : DR-WC-001

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

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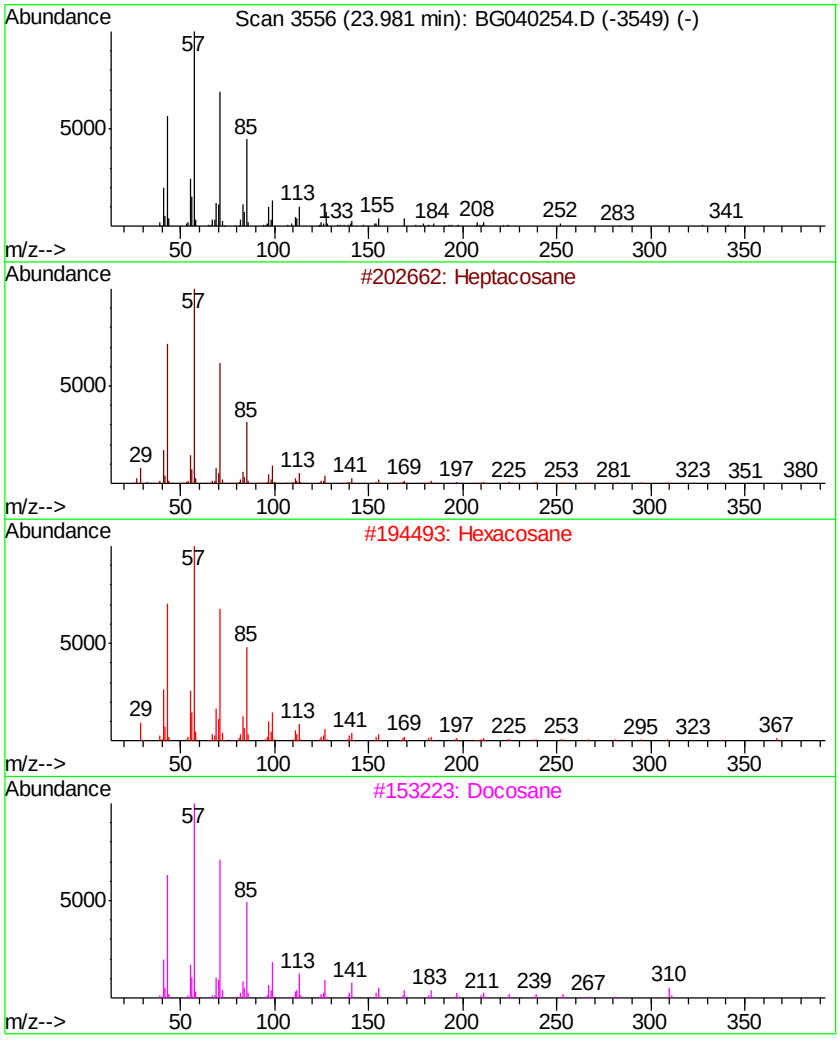
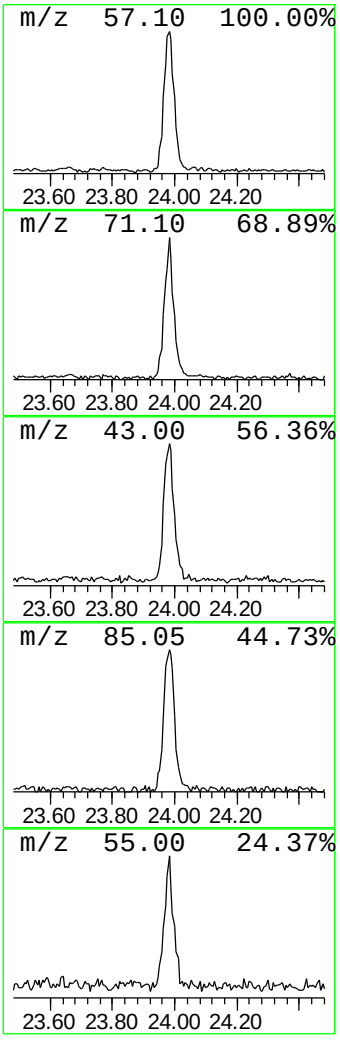
Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.08 ng	209507	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane	310	C22H46	000629-97-0	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane	296	C21H44	000629-94-7	87





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	14.4	ng	250415	1	8.05	347005	20.0
Butane, 2-methoxy...	3.19	11.5	ng	199657	1	8.05	347005	20.0
unknown7.58	7.58	102.5	ng	1779130	1	8.05	347005	20.0
Heptacosane	22.47	2.1	ng	128445	5	21.71	1204760	20.0
Octacosane	23.16	3.5	ng	211074	5	21.71	1204760	20.0
Nonadecane	23.98	3.1	ng	209507	6	25.02	1360410	20.0