LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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	3.125	3	6	15	rVB	72381	121857	2.56%	0.484%
2	5.610	421	429	443	rBV	1158577	1842543	38.78%	7.319%
3	7.208	693	701	717	rBV	1183414	2077661	43.73%	8.253%
4	7.584	758	765	774	rBV	1121360	1939288	40.81%	7.703%
5	8.054	839	845	852	rBV	203449	340509	7.17%	1.353%
6	8.377	892	900	908	rBV	786443	1377574	28.99%	5.472%
7	9.235	1037	1046	1054	rBV	670572	1218282	25.64%	4.839%
8	10.869	1316	1324	1332	rBV	275654	499137	10.51%	1.983%
9	13.307	1732	1739	1751	rBV	1901781	2956831	62.23%	11.745%
10	14.135	1873	1880	1885	rBV	107829	159250	3.35%	0.633%
11	14.688	1966	1974	1983	rBV2	479338	763679	16.07%	3.033%
12	16.180	2220	2228	2241	rBV	1651449	2581452	54.33%	10.254%
13	17.431	2435	2441	2448	rBV	666489	1040438	21.90%	4.133%
14	19.693	2822	2826	2834	rBV	46502	63787	1.34%	0.253%
15	20.034	2872	2884	2892	rBV	3424166	4751416	100.00%	18.873%
16	20.763	3003	3008	3011	rBV	42903	52304	1.10%	0.208%
17	21.303	3096	3100	3104	rBV3	37382	59415	1.25%	0.236%
18	21.709	3162	3169	3176	rBV2	716315	1187321	24.99%	4.716%
19	21.850	3187	3193	3198	rBV	66169	97243	2.05%	0.386%
20	22.461	3292	3297	3307	rVB	107447	177826	3.74%	0.706%
21	23.160	3409	3416	3425	rVB3	117765	227270	4.78%	0.903%
22	23.971	3546	3554	3565	rVB2	98030	220343	4.64%	0.875%
23	24.929	3709	3717	3720	rBV	69486	154342	3.25%	0.613%
24	24.993	3720	3728	3744	rVB2	397372	1177107	24.77%	4.676%
25	26.074	3905	3912	3920	rVB3	33481	89151	1.88%	0.354%

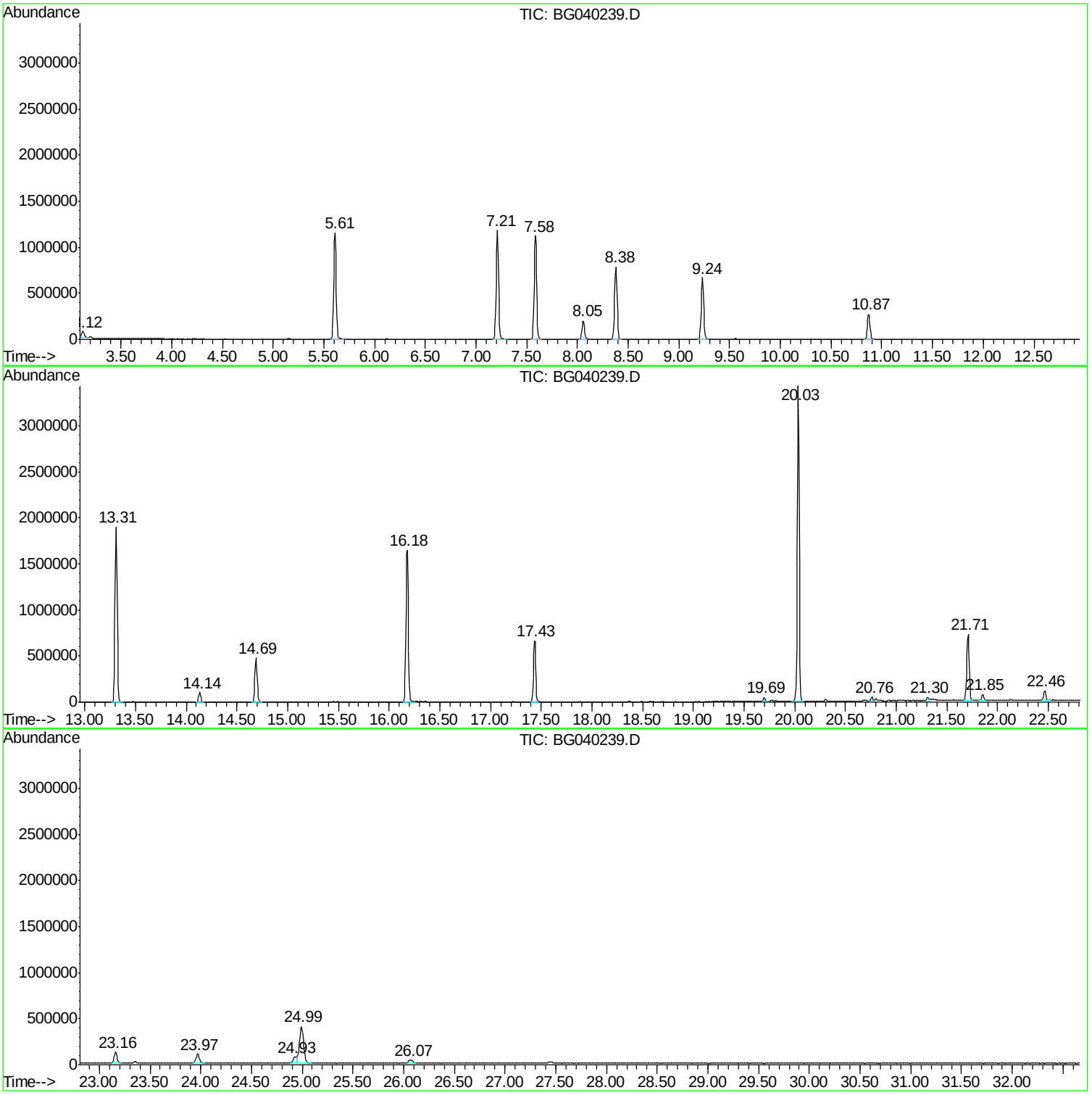
Sum of corrected areas: 25176026

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S6B(2-10)COMP

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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

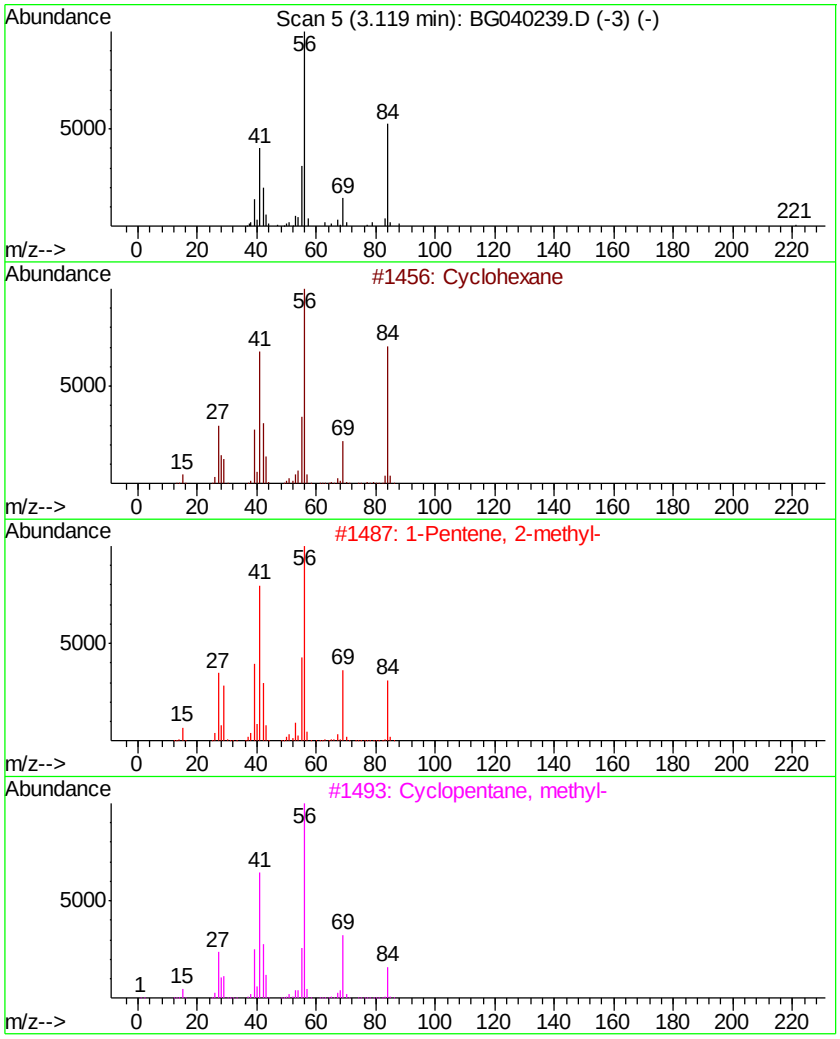
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

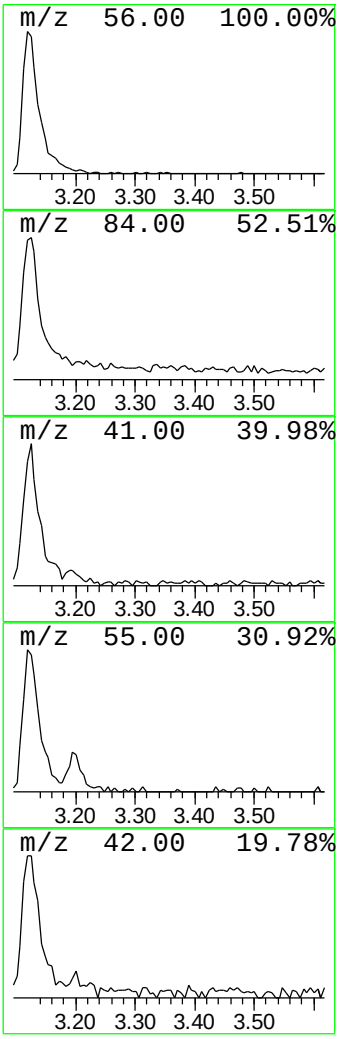
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	7.16 ng	121857	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	53
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	45
5	1-Hexene	84	C6H12	000592-41-6	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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

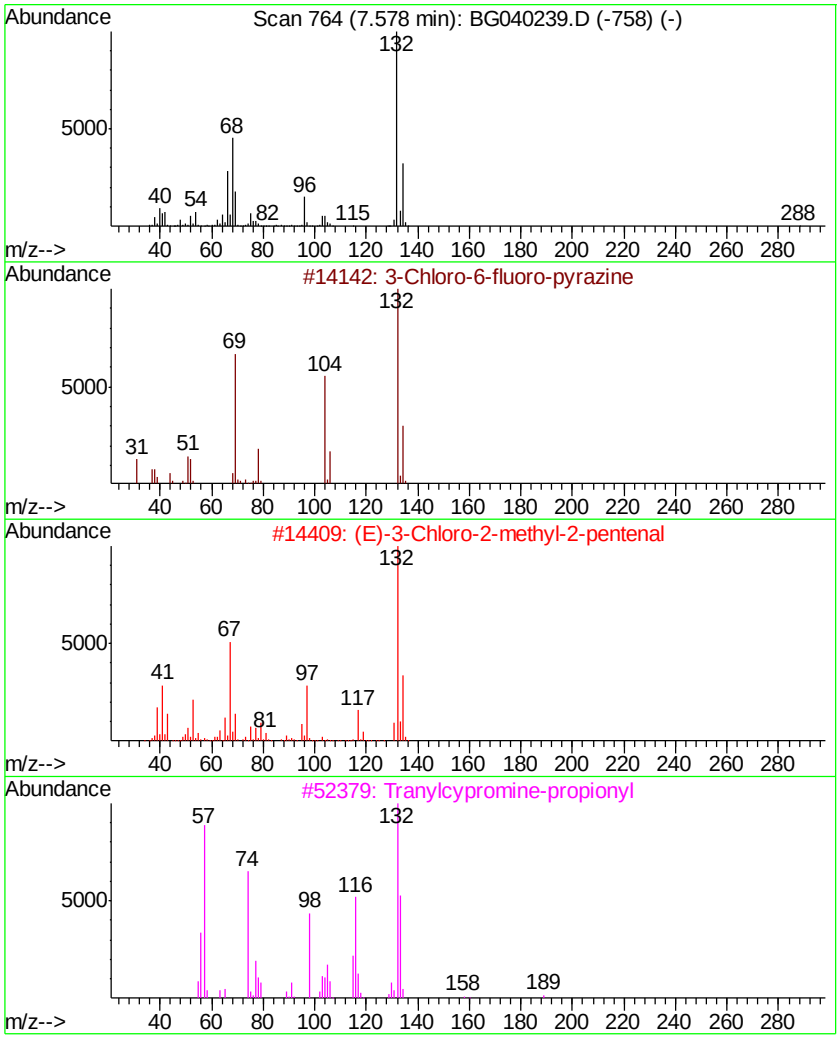
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

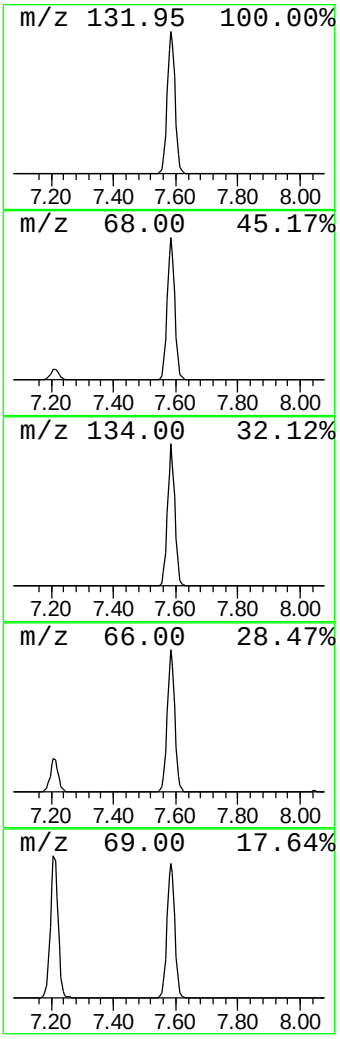
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	113.91 ng	1939290	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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

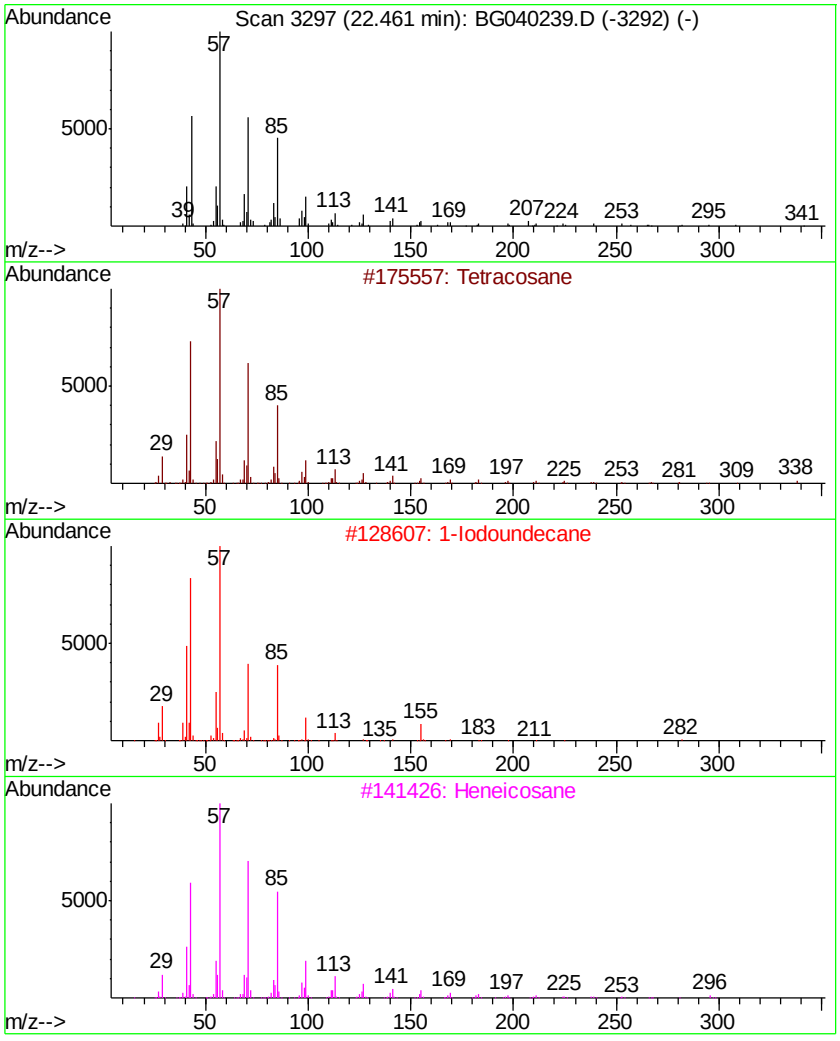
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

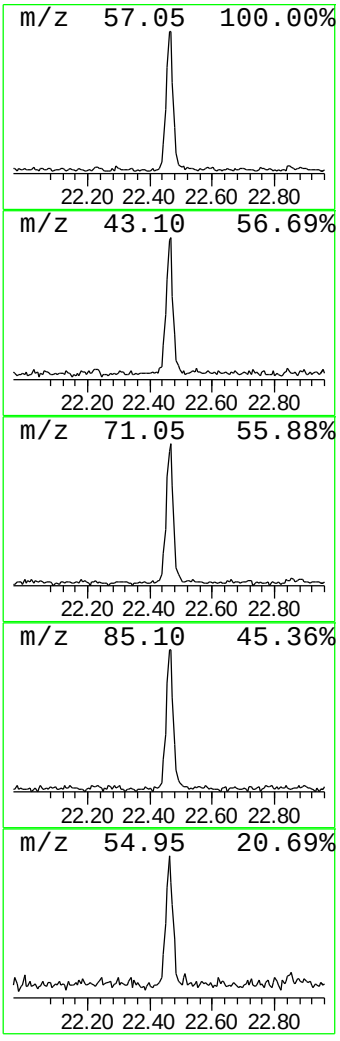
****

Peak Number 4 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	3.00 ng	177826	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	1-Iodoundecane	282	C11H23I	004282-44-4	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Hexatriacontane	507	C36H74	000630-06-8	81
5	Octacosane	394	C28H58	000630-02-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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

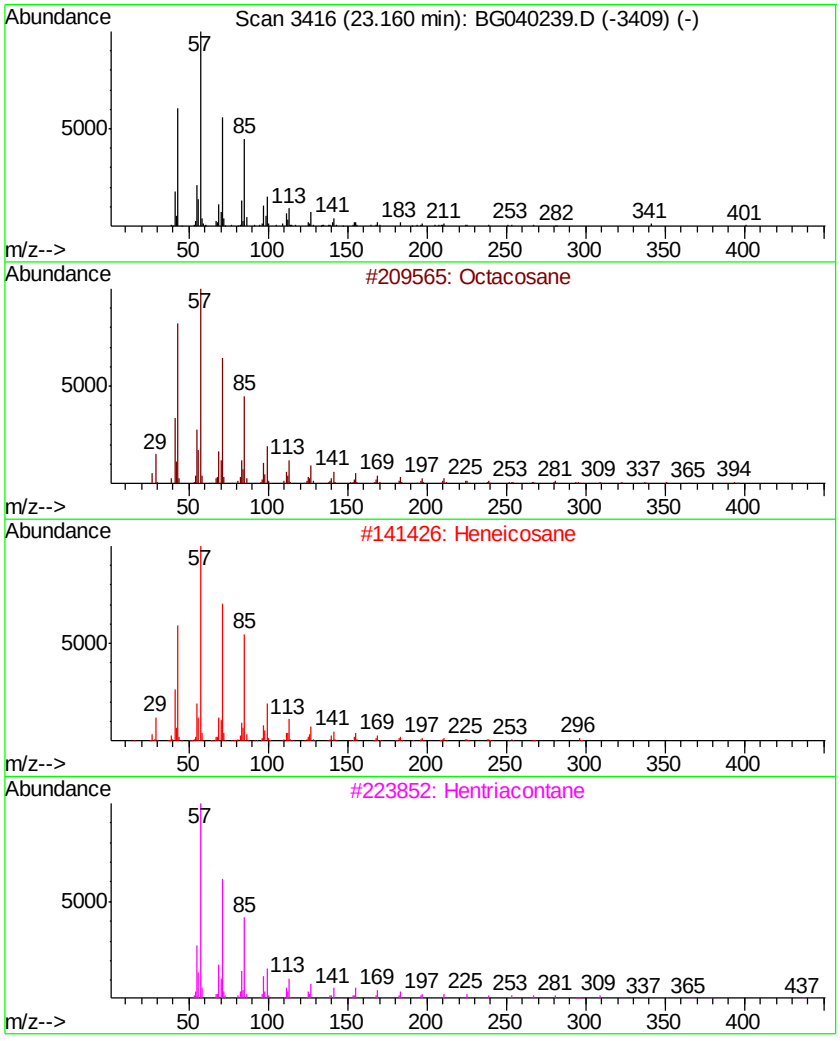
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

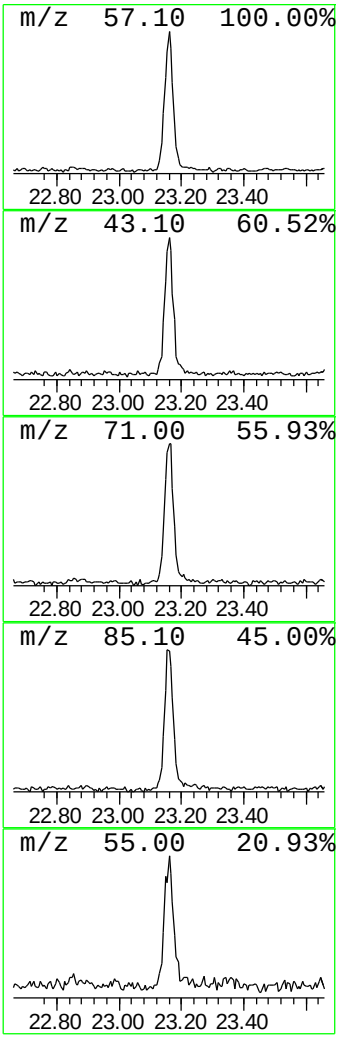
****

Peak Number 5 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.83 ng	227270	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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

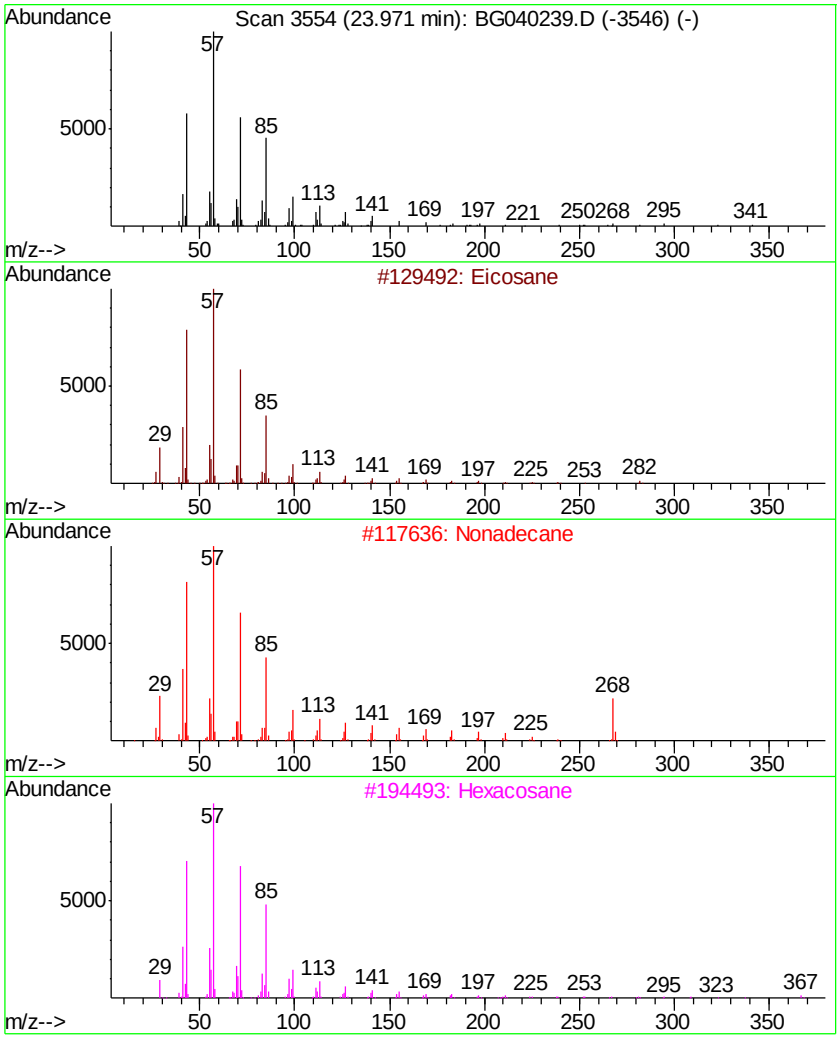
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

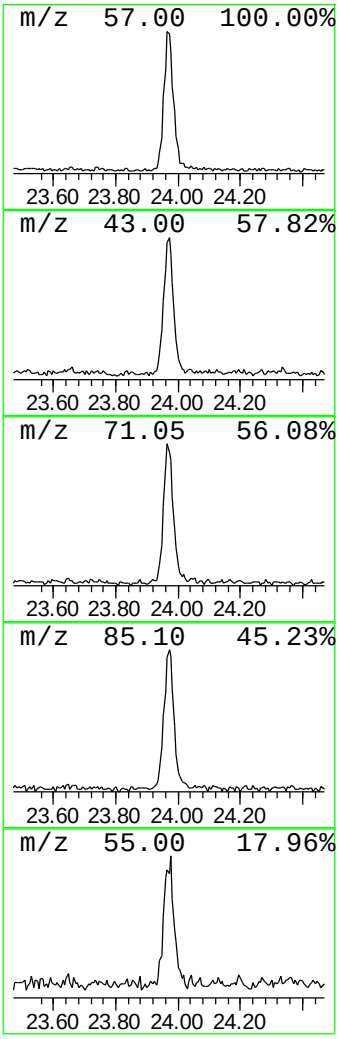
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.74 ng	220343	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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

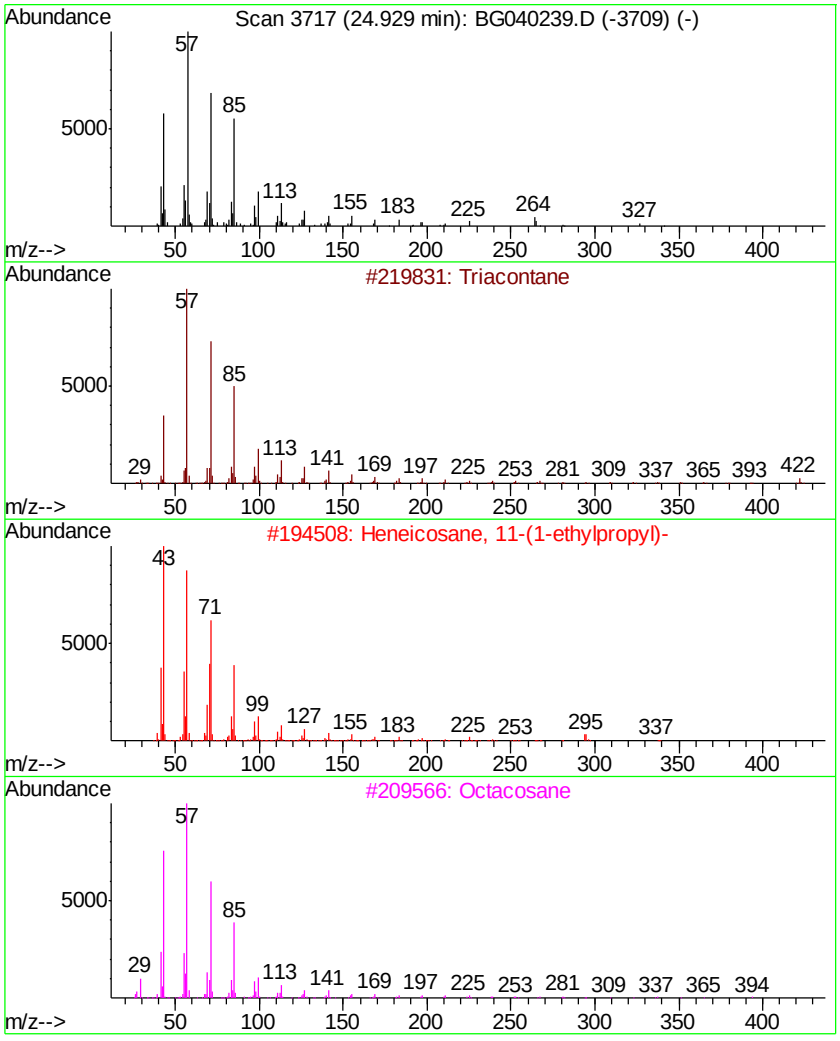
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

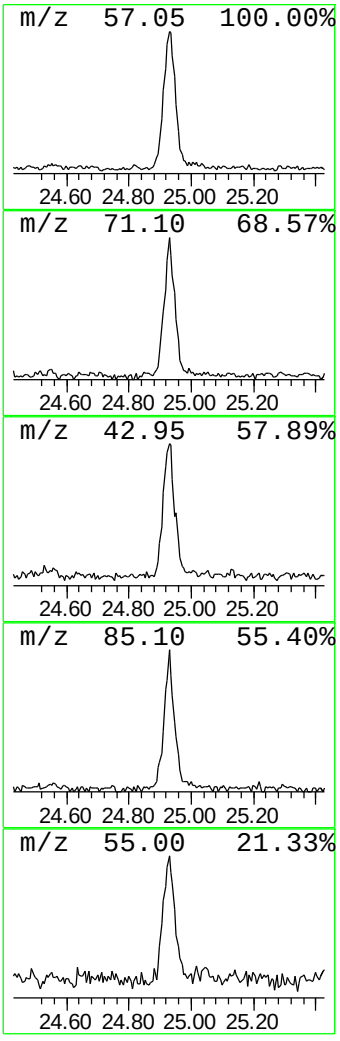
****

Peak Number 7 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	2.62 ng	154342	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040239.D
Acq On : 29 Mar 2019 23:56
Operator : JU/SJ
Sample : K2138-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6B(2-10)COMP

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.12	7.2	ng	121857	1	8.05	340509	20.0
unknown7.58	7.58	113.9	ng	1939290	1	8.05	340509	20.0
Tetracosane	22.46	3.0	ng	177826	5	21.71	1187320	20.0
Octacosane	23.16	3.8	ng	227270	5	21.71	1187320	20.0
Eicosane	23.97	3.7	ng	220343	6	24.99	1177110	20.0
Triacontane	24.93	2.6	ng	154342	6	24.99	1177110	20.0