LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040231.D
Acq On : 29 Mar 2019 18:35
Operator : JU/SJ
Sample : PB118394BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118394BL

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	3.116	3	5	16	rVB2	29751	50173	1.38%	0.264%
2	5.608	422	429	440	rBV	840711	1340905	36.96%	7.068%
3	7.212	694	702	712	rBV	852250	1468663	40.48%	7.742%
4	7.588	758	766	774	rBV	816672	1403663	38.69%	7.399%
5	8.058	839	846	854	rBV	178110	305804	8.43%	1.612%
6	8.381	891	901	909	rBV	581407	1030915	28.41%	5.434%
7	9.233	1037	1046	1062	rBV	482112	865092	23.84%	4.560%
8	10.872	1316	1325	1333	rBV	245438	433823	11.96%	2.287%
9	13.310	1733	1740	1747	rBV	1371779	2139166	58.96%	11.276%
10	14.691	1968	1975	1983	rVB2	403591	656512	18.09%	3.461%
11	16.178	2221	2228	2247	rBV	1097668	1726971	47.60%	9.103%
12	17.435	2435	2442	2452	rBV2	609834	936927	25.82%	4.939%
13	20.032	2878	2884	2890	rBV	2793181	3628322	100.00%	19.125%
14	21.307	3097	3101	3106	rVB2	30911	41689	1.15%	0.220%
15	21.706	3162	3169	3177	rBV2	690909	1120951	30.89%	5.909%
16	21.853	3189	3194	3198	rBV	88606	117744	3.25%	0.621%
17	22.459	3292	3297	3304	rBV	131046	204455	5.63%	1.078%
18	23.158	3409	3416	3427	rBV	131601	261198	7.20%	1.377%
19	23.968	3547	3554	3564	rVB	81345	170604	4.70%	0.899%
20	24.997	3720	3729	3740	rVB2	372560	1067697	29.43%	5.628%

Sum of corrected areas: 18971274

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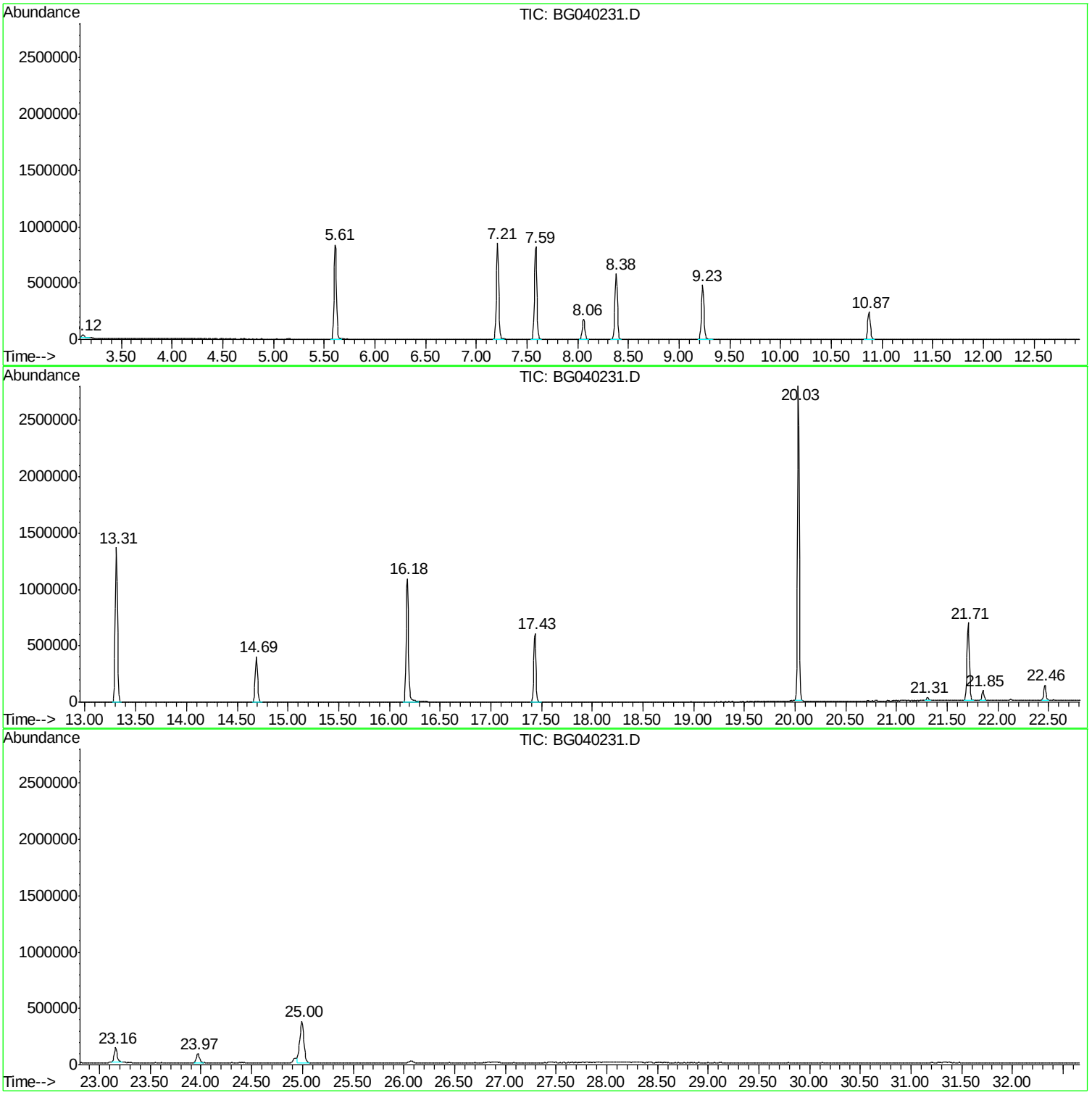
BNA_G
ClientSampleId :
PB118394BL

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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Operator : JU/SJ
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Instrument : BNA_G
ClientSampleId : PB118394BL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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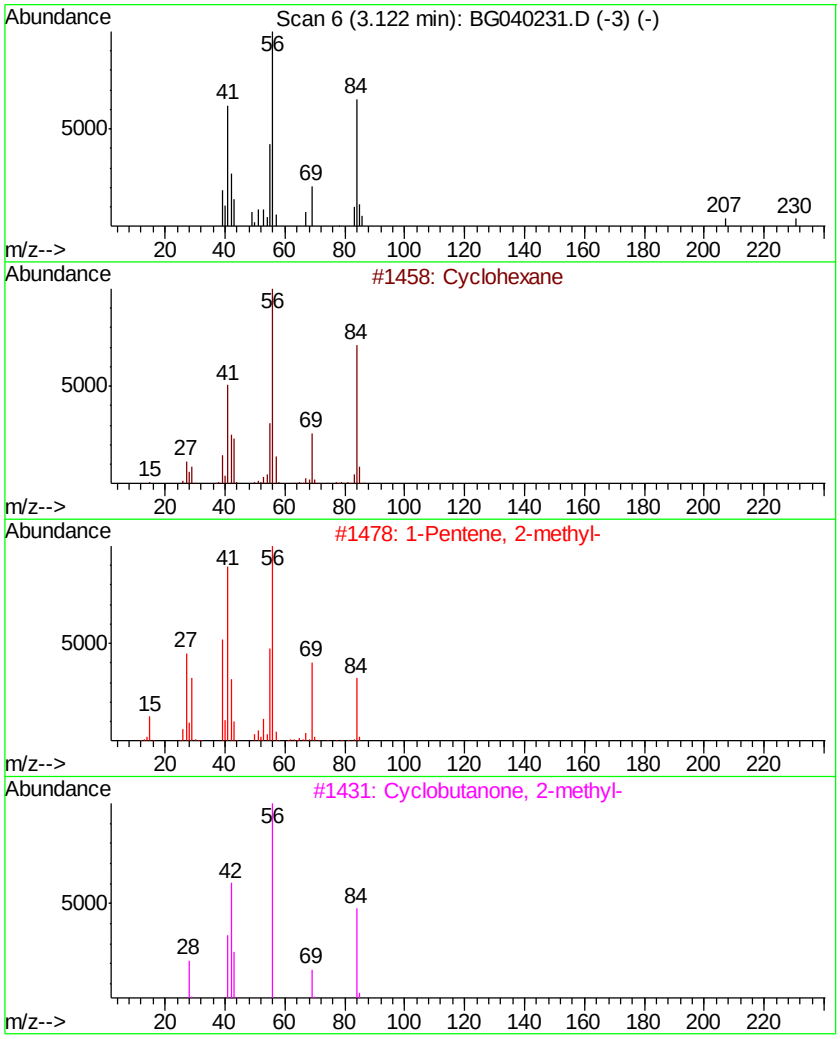
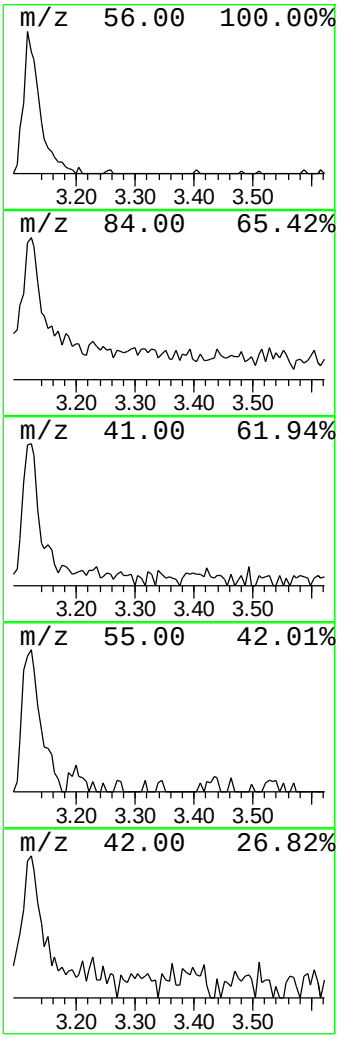
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	3.28 ng	50173	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	83
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	53
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50





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Instrument : BNA_G
ClientSampleId : PB118394BL

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TIC Library : C:\Database\NIST11.L
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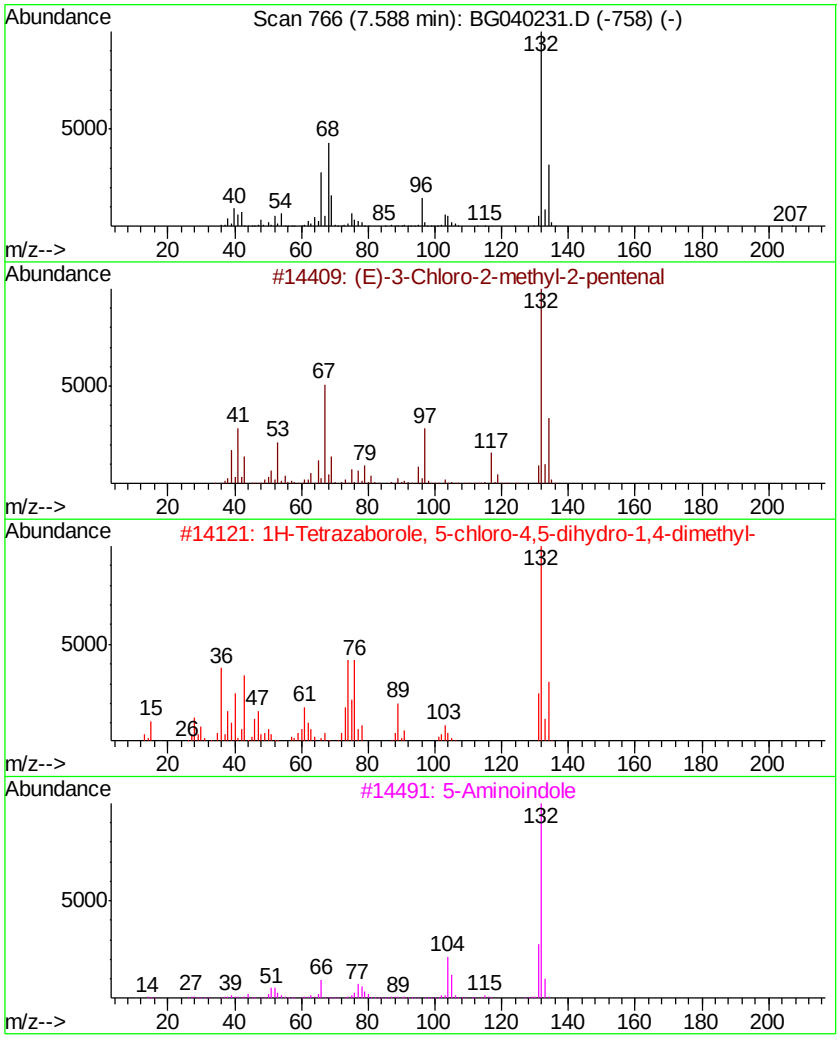
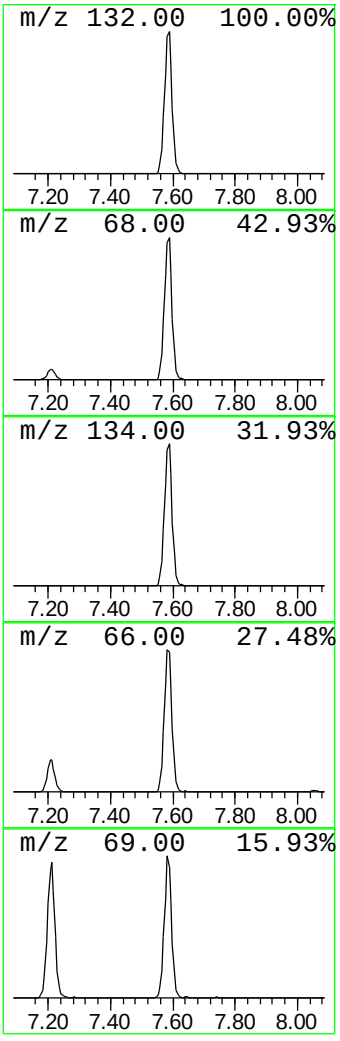
Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	91.80 ng	1403660	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118394BL

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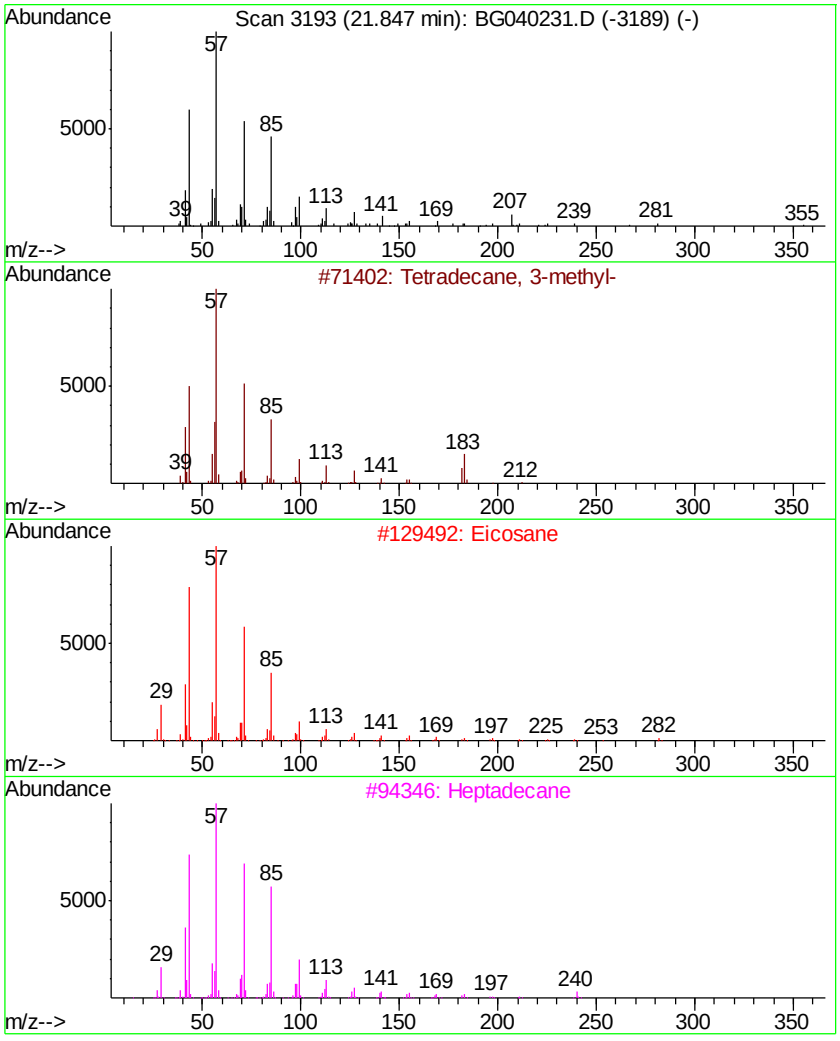
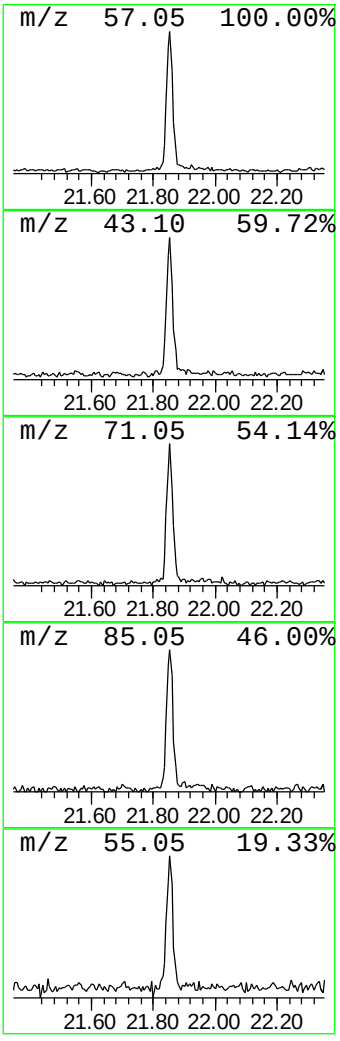
Peak Number 4 Tetradecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	2.10 ng	117744	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Docosane	310	C22H46	000629-97-0	86





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Sample : PB118394BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118394BL

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

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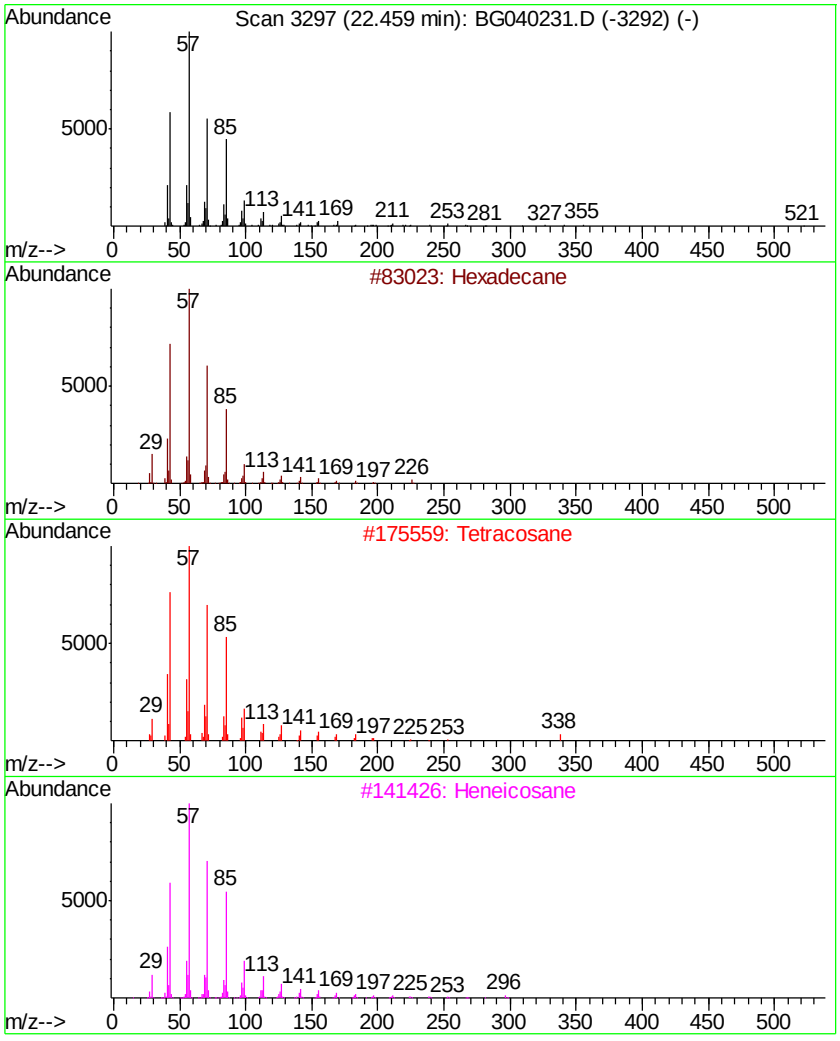
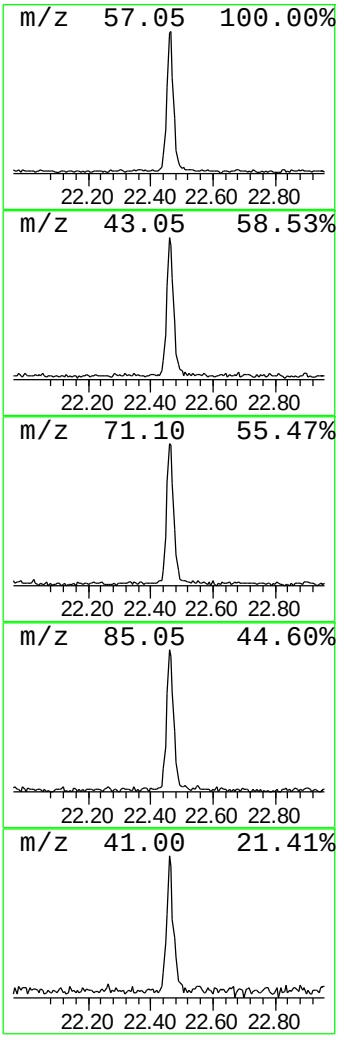
Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	3.65 ng	204455	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : PB118394BL

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TIC Library : C:\Database\NIST11.L
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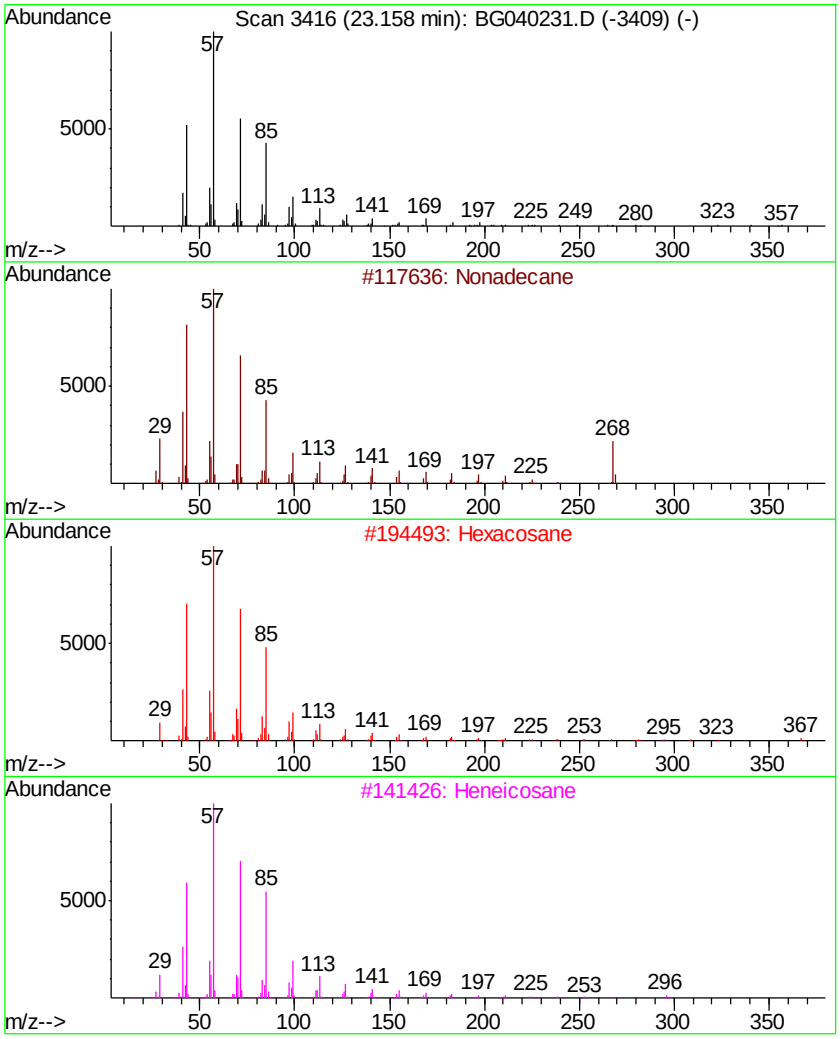
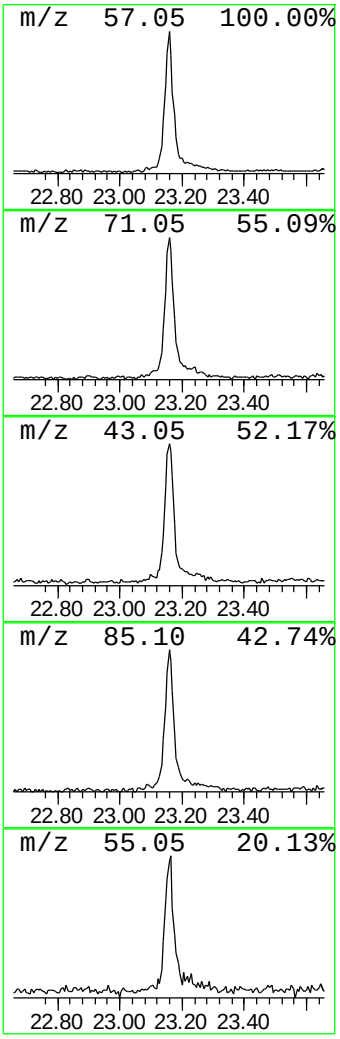
****

Peak Number 6 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.66 ng	261198	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118394BL

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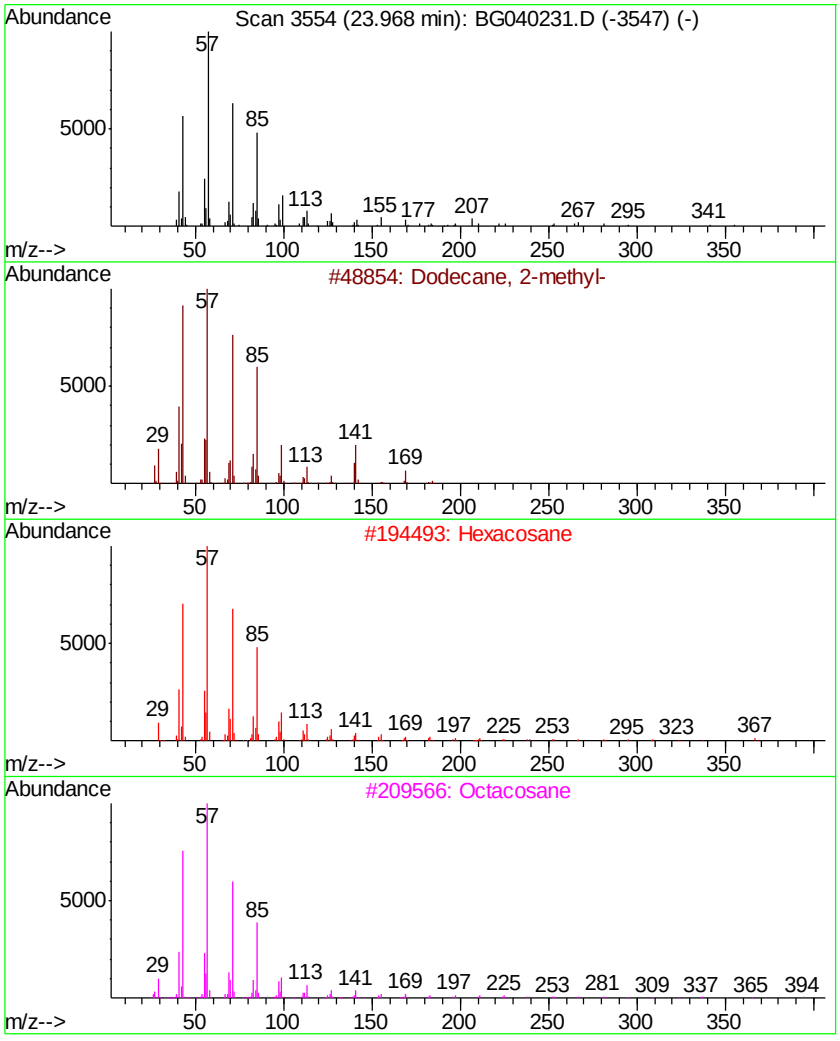
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

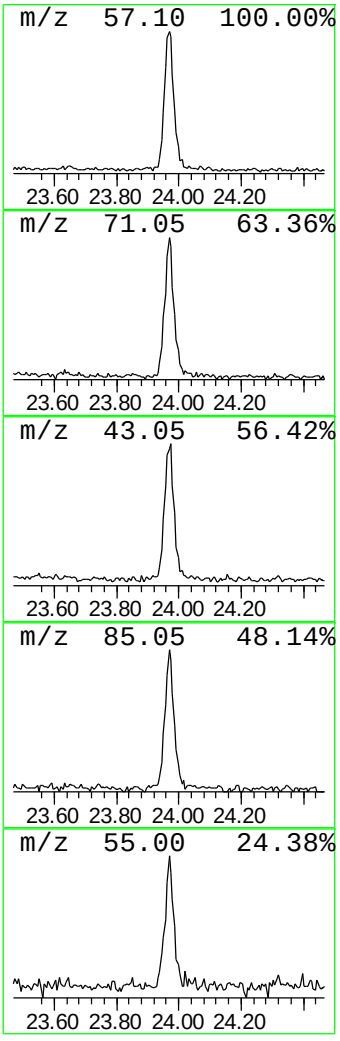
****

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.20 ng	170604	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.12	3.3	ng	50173	1	8.06	305804	20.0
unknown7.59	7.59	91.8	ng	1403660	1	8.06	305804	20.0
Tetradecane, 3-me...	21.85	2.1	ng	117744	5	21.71	1120950	20.0
Hexadecane	22.46	3.6	ng	204455	5	21.71	1120950	20.0
Nonadecane	23.16	4.7	ng	261198	5	21.71	1120950	20.0
Dodecane, 2-methyl-	23.97	3.2	ng	170604	6	24.99	1067700	20.0