LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044292.D
Acq On : 4 Feb 2020 22:33
Operator : CG/JU
Sample : L1360-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-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-BG013020.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	5.021	324	329	338	rVB	30149	51667	1.04%	0.209%
2	5.491	402	409	423	rBV	1059257	1755471	35.20%	7.086%
3	7.084	672	680	696	rBV	1047014	1888888	37.87%	7.625%
4	7.912	814	821	831	rBV	270054	465595	9.34%	1.879%
5	8.241	869	877	886	rVB	876743	1517301	30.42%	6.125%
6	9.070	1008	1018	1036	rBV	637140	1184865	23.76%	4.783%
7	10.715	1290	1298	1309	rBV	343873	648122	12.99%	2.616%
8	13.177	1708	1717	1733	rBV	1828462	2849543	57.13%	11.502%
9	13.459	1759	1765	1776	rVB	152344	239989	4.81%	0.969%
10	14.011	1850	1859	1870	rBV	40645	71016	1.42%	0.287%
11	14.551	1943	1951	1964	rBV	589141	965658	19.36%	3.898%
12	15.685	2138	2144	2152	rBV	65633	92811	1.86%	0.375%
13	16.044	2198	2205	2216	rBV	1501452	2365403	47.43%	9.548%
14	17.301	2412	2419	2431	rBV	802159	1246513	24.99%	5.032%
15	19.916	2858	2864	2881	rBV	3758862	4987515	100.00%	20.132%
16	21.208	3079	3084	3096	rBV	352903	565436	11.34%	2.282%
17	21.543	3135	3141	3156	rBV	892307	1473099	29.54%	5.946%
18	21.755	3172	3177	3185	rVB	73610	110162	2.21%	0.445%
19	22.342	3271	3277	3289	rVB	101821	183563	3.68%	0.741%
20	23.012	3382	3391	3400	rVB	95629	195984	3.93%	0.791%
21	23.788	3516	3523	3532	rBV2	77797	174474	3.50%	0.704%
22	24.640	3658	3668	3689	rBV	529944	1648534	33.05%	6.654%
23	25.791	3857	3864	3871	rVB5	32953	91924	1.84%	0.371%

Sum of corrected areas: 24773533

LSC Report - Integrated Chromatogram

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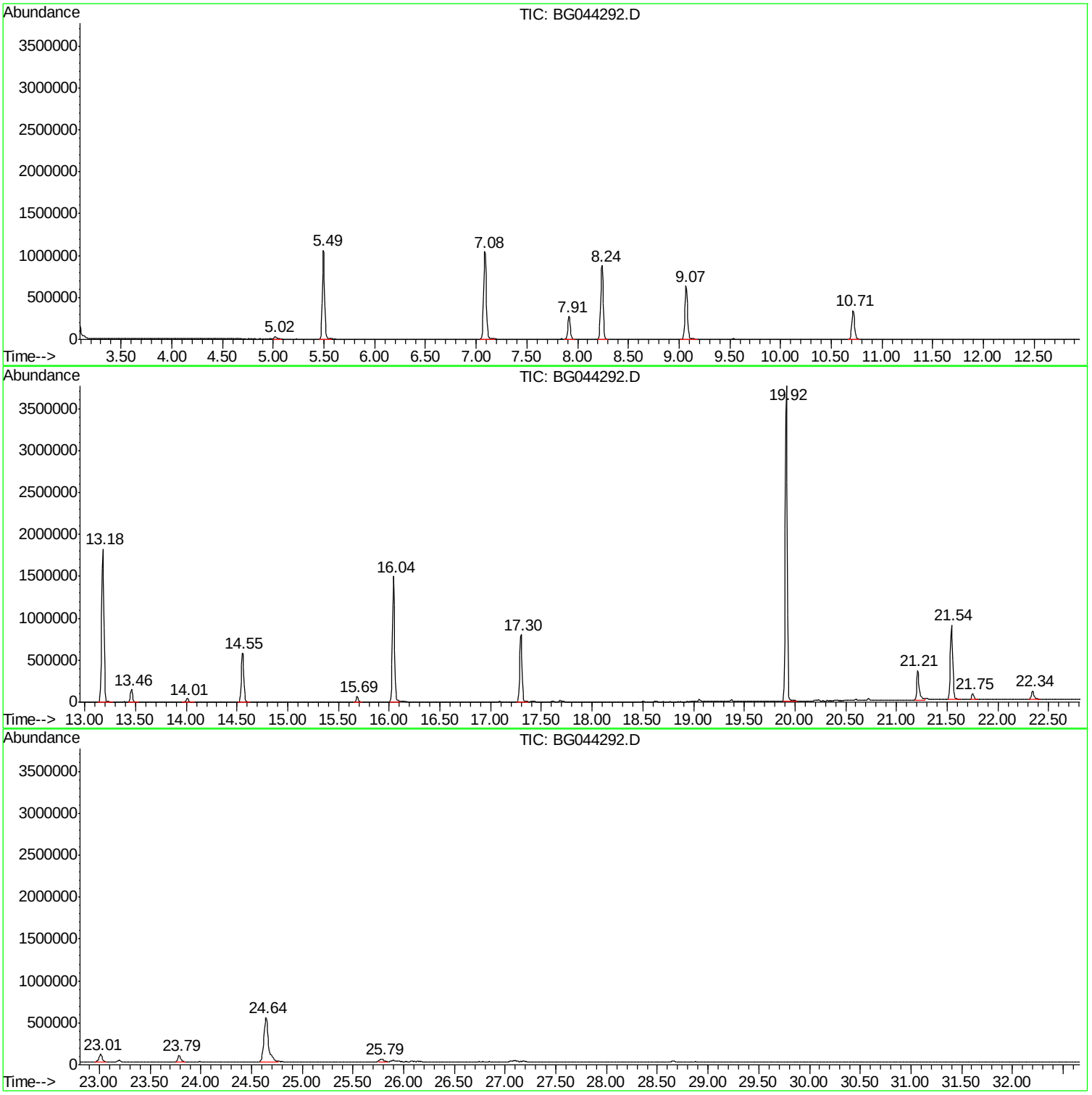
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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Data File : BG044292.D
Acq On : 4 Feb 2020 22:33
Operator : CG/JU
Sample : L1360-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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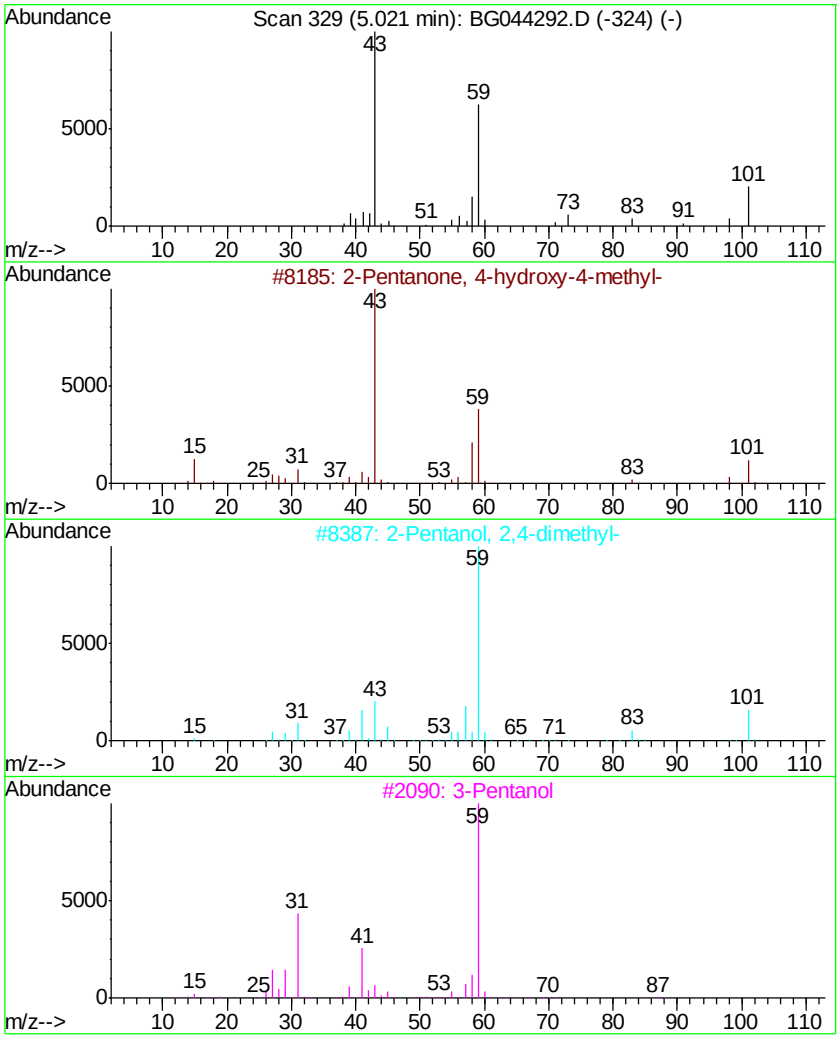
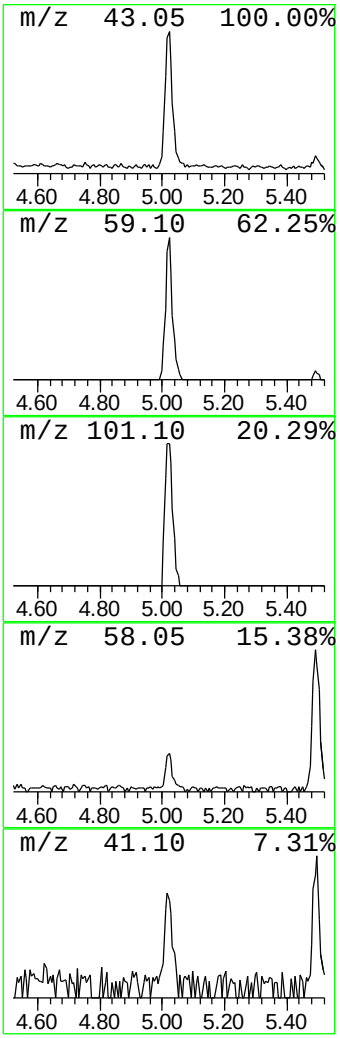
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.22 ng	51667	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25
3	3-Pentanol	88	C5H12O	000584-02-1	23
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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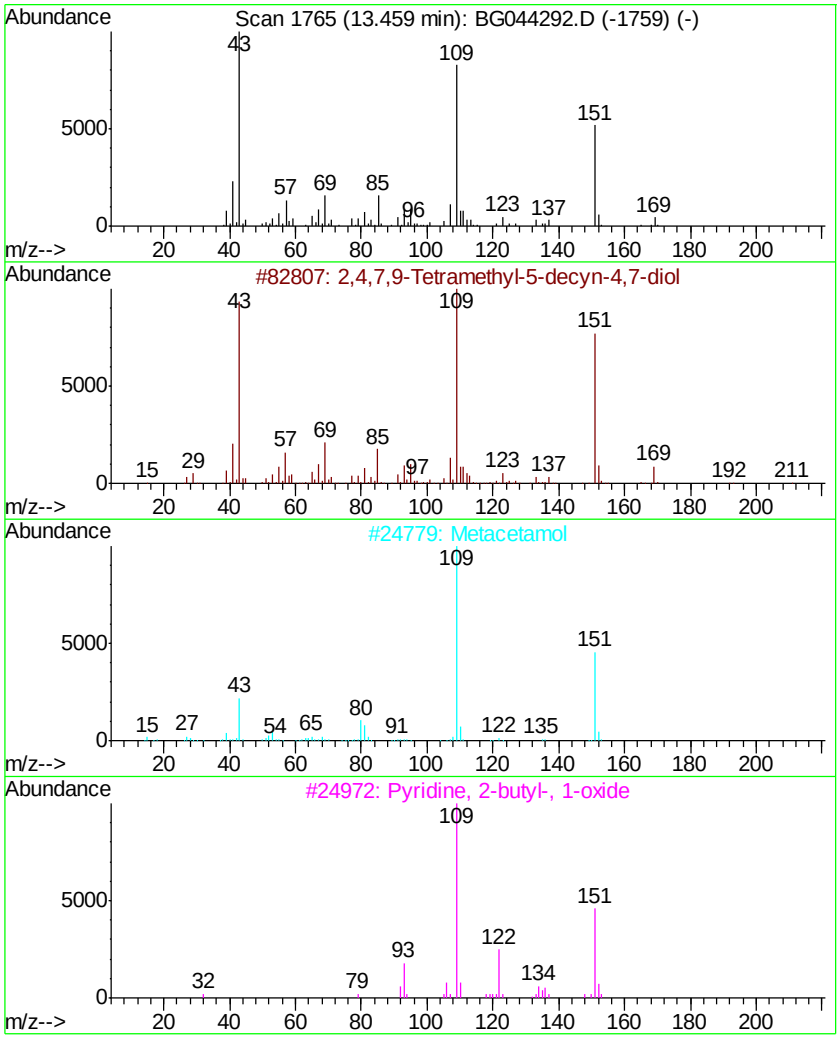
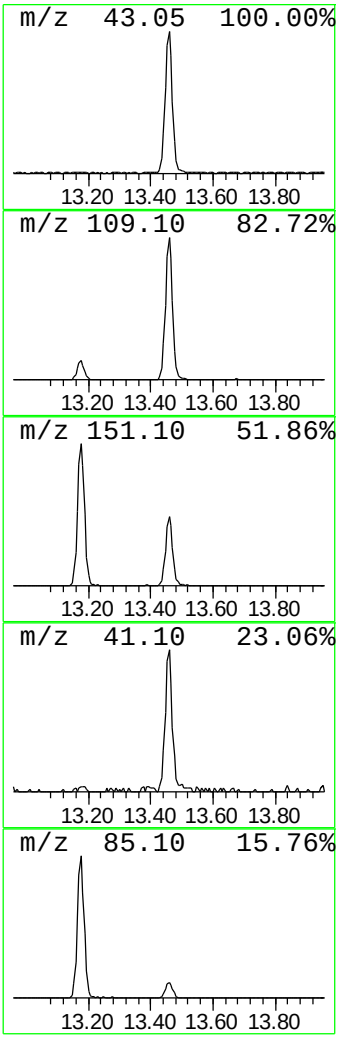
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	4.97 ng	239989	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	59
5	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044292.D
Acq On : 4 Feb 2020 22:33
Operator : CG/JU
Sample : L1360-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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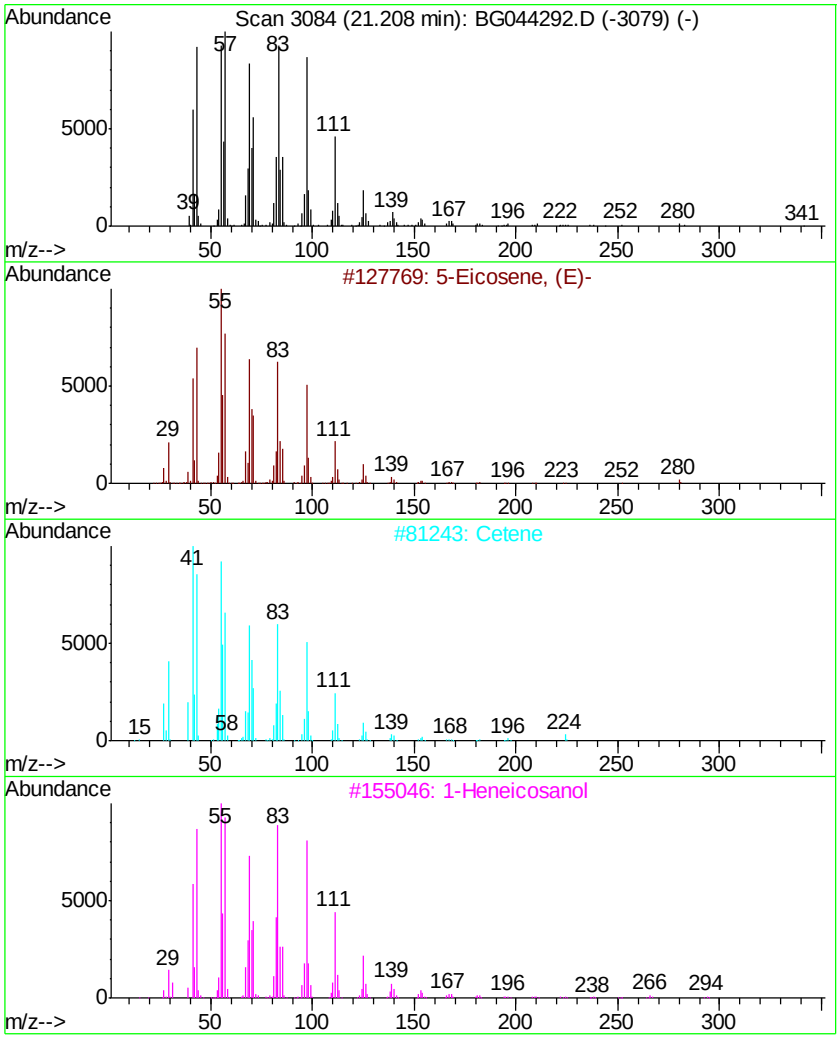
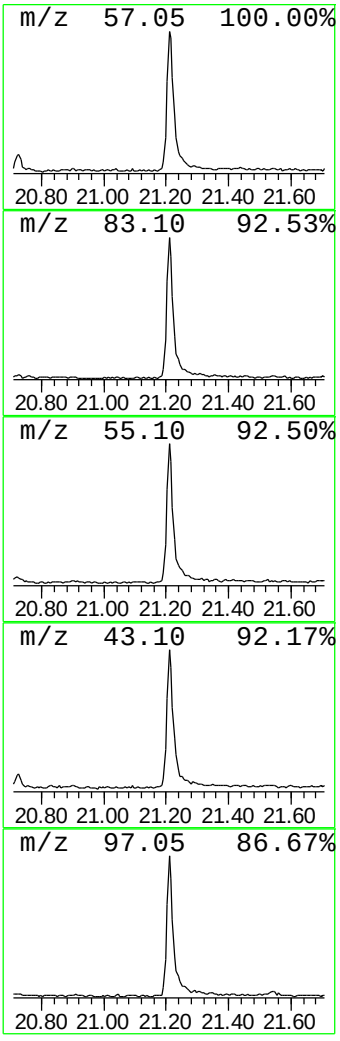
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	7.68 ng	565436	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cetene	224	C16H32	000629-73-2	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Operator : CG/JU
Sample : L1360-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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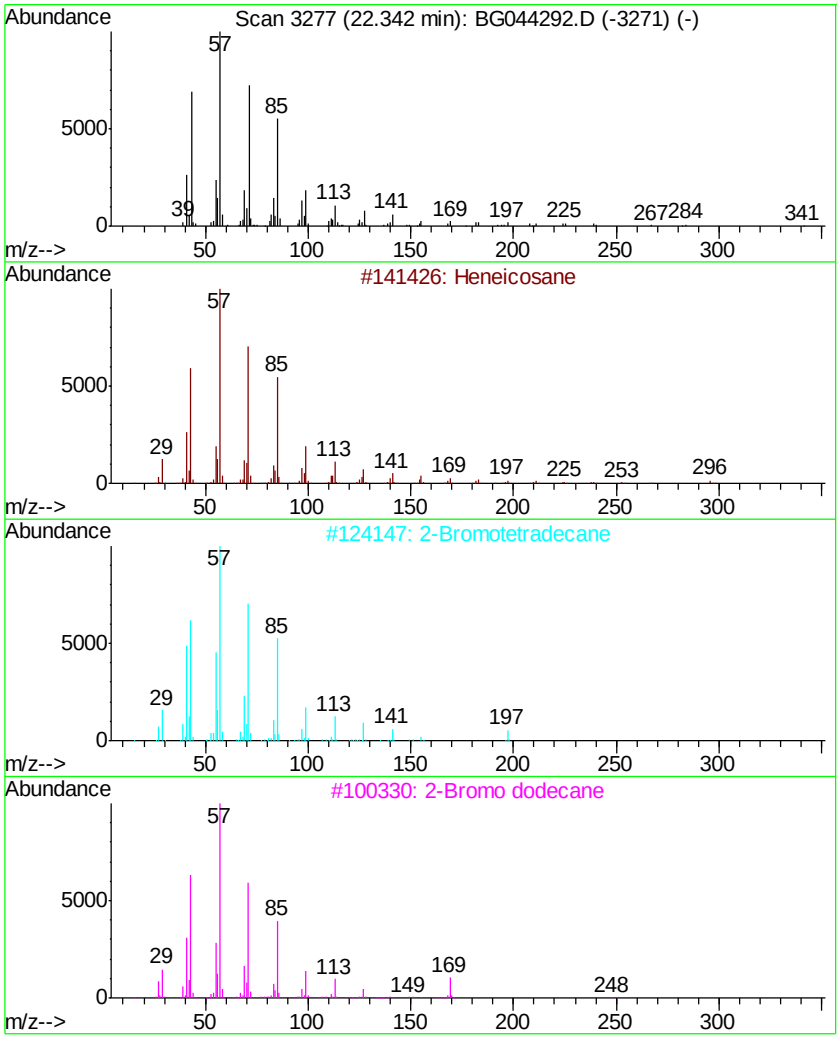
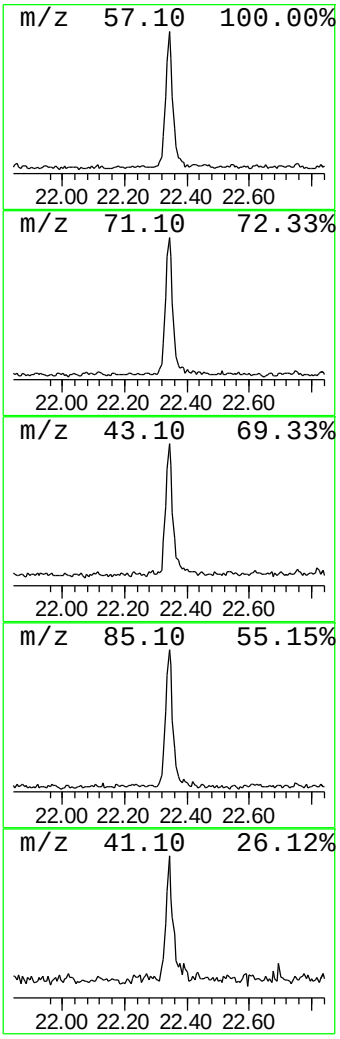
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.49 ng	183563	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Octacosane	394	C28H58	000630-02-4	81





Library Search Compound Report

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Operator : CG/JU
Sample : L1360-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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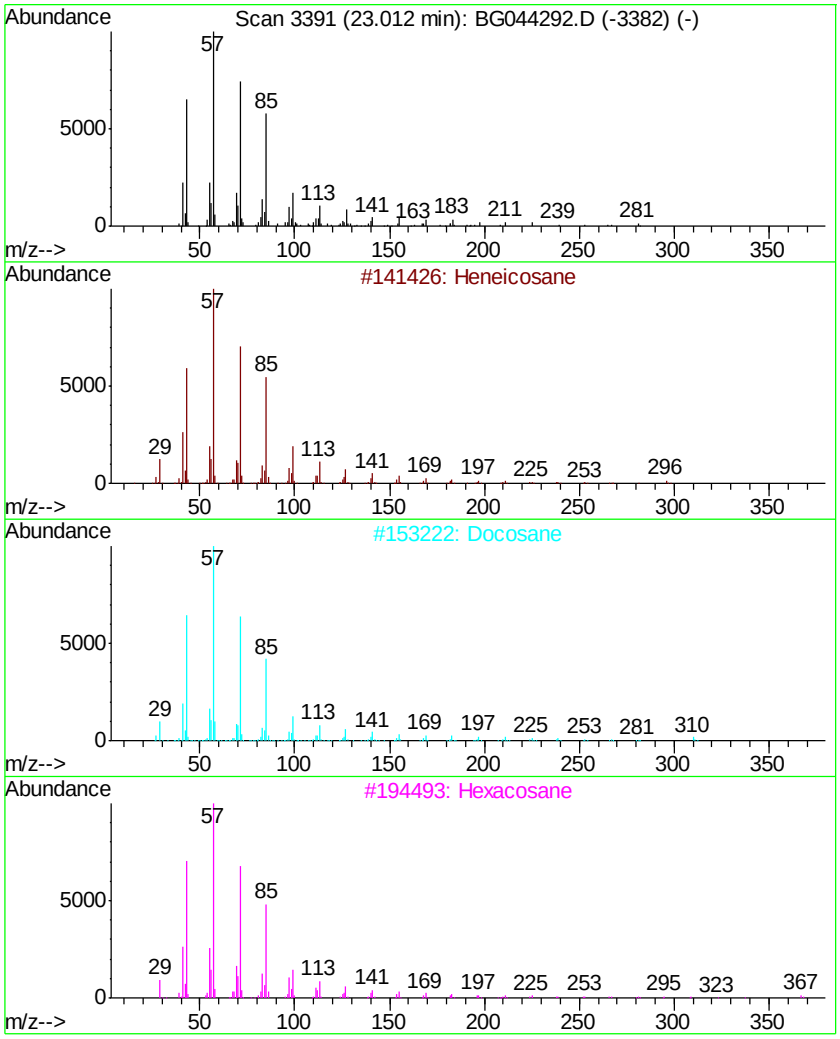
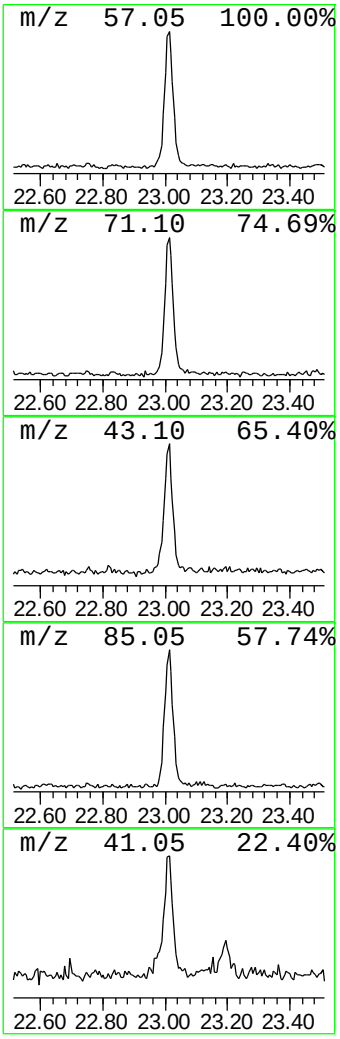
Peak Number 6 Docosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	2.66 ng	195984	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane	310	C22H46	000629-97-0	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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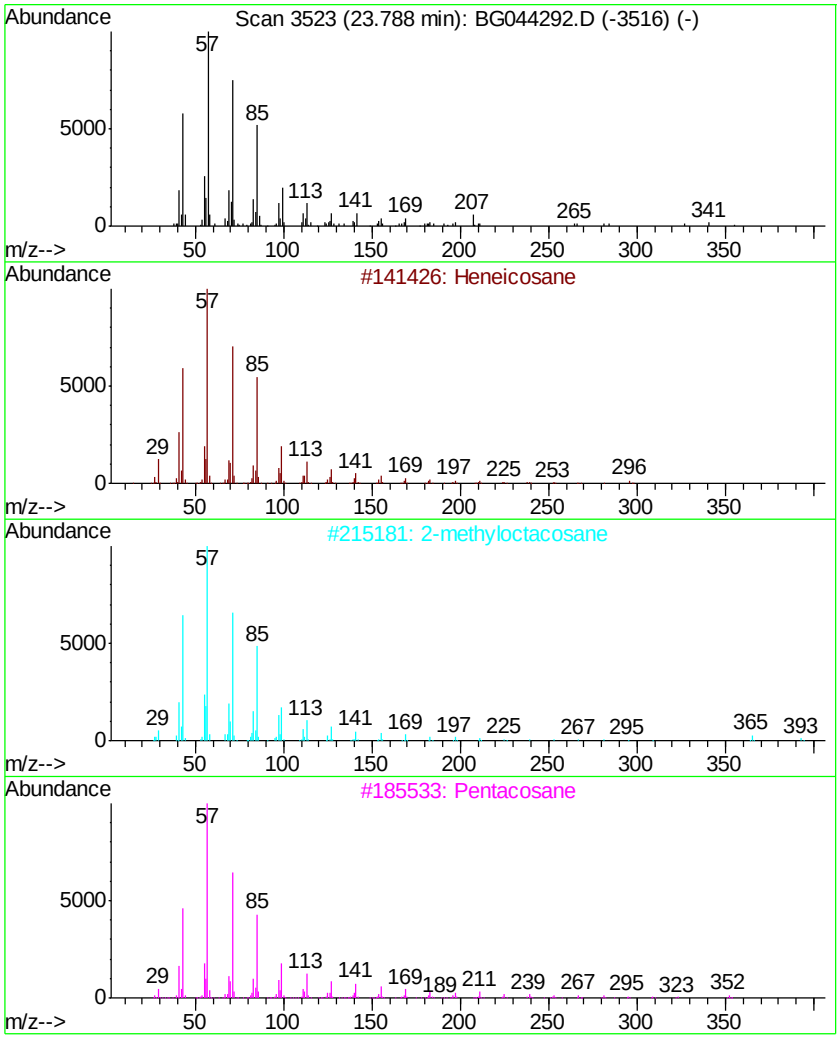
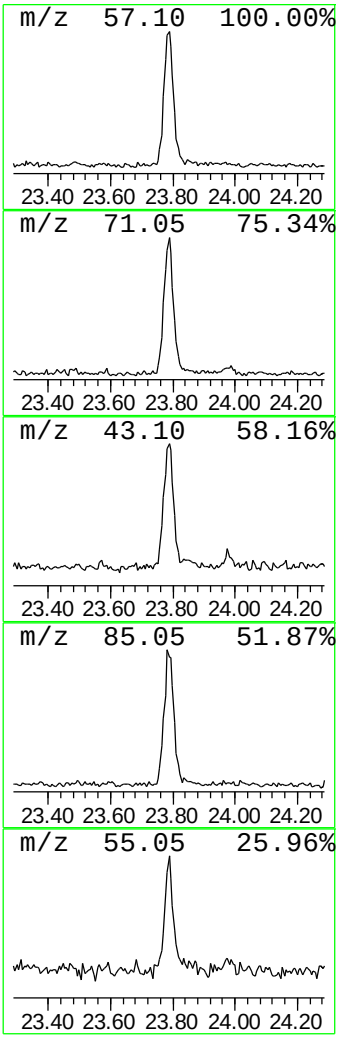
Peak Number 7 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	2.12 ng	174474	Perylene-d12	24.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





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
2-Pentanone, 4-hy...	5.02	2.2	ng	51667	1	7.91	465595	20.0
2,4,7,9-Tetrameth...	13.46	5.0	ng	239989	3	14.55	965658	20.0
5-Eicosene, (E)-	21.21	7.7	ng	565436	5	21.54	1473100	20.0
Heneicosane	22.34	2.5	ng	183563	5	21.54	1473100	20.0
Docosane	23.01	2.7	ng	195984	5	21.54	1473100	20.0
2-methyloctacosane	23.79	2.1	ng	174474	6	24.64	1648530	20.0