LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043077.D
Acq On : 7 Oct 2019 21:05
Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

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-BG092519.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	3.165	7	13	21	rBV	261044	499544	9.12%	1.954%
2	3.241	21	26	39	rVB	652594	938607	17.13%	3.672%
3	3.476	60	66	73	rBV	124804	190293	3.47%	0.744%
4	4.781	282	288	295	rVB2	56921	93180	1.70%	0.365%
5	5.639	427	434	444	rBV	598791	970501	17.72%	3.797%
6	7.225	695	704	720	rBV	408004	811510	14.81%	3.175%
7	7.595	759	767	776	rBV	941685	1623928	29.64%	6.353%
8	8.059	838	846	853	rBV	174551	312483	5.70%	1.222%
9	8.382	891	901	909	rBV	669855	1152500	21.04%	4.509%
10	9.217	1034	1043	1052	rBV	562245	1033131	18.86%	4.042%
11	10.862	1313	1323	1332	rBV	232666	435250	7.94%	1.703%
12	13.306	1732	1739	1749	rBV	1673654	2649587	48.36%	10.365%
13	14.129	1872	1879	1885	rBV	156664	237976	4.34%	0.931%
14	14.675	1964	1972	1982	rBV	461147	725560	13.24%	2.838%
15	16.162	2218	2225	2239	rBV	1745909	2754245	50.27%	10.775%
16	17.419	2432	2439	2449	rBV2	641391	985605	17.99%	3.856%
17	17.536	2454	2459	2464	rVB4	70665	104836	1.91%	0.410%
18	18.312	2584	2591	2608	rBV2	273196	559668	10.22%	2.189%
19	19.581	2802	2807	2818	rBV3	95209	223911	4.09%	0.876%
20	20.028	2877	2883	2898	rBV	4012386	5478360	100.00%	21.432%
21	20.827	3014	3019	3023	rBV3	82142	101396	1.85%	0.397%
22	21.332	3101	3105	3109	rBV	85923	114300	2.09%	0.447%
23	21.408	3113	3118	3126	rVV	18681	60321	1.10%	0.236%
24	21.690	3159	3166	3173	rBV2	663427	1149108	20.98%	4.495%
25	21.878	3194	3198	3205	rVB	110091	174750	3.19%	0.684%
26	22.489	3297	3302	3308	rBV2	111217	182503	3.33%	0.714%
27	22.548	3308	3312	3318	rVB9	25857	57872	1.06%	0.226%
28	23.183	3414	3420	3426	rBV2	103664	202342	3.69%	0.792%
29	23.988	3551	3557	3564	rVB2	98440	195865	3.58%	0.766%
30	24.904	3702	3713	3727	rBV2	413803	1375133	25.10%	5.380%
31	26.068	3903	3911	3920	rVB3	55571	167557	3.06%	0.655%

Sum of corrected areas: 25561822

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043077.D
Acq On : 7 Oct 2019 21:05
Operator : JU
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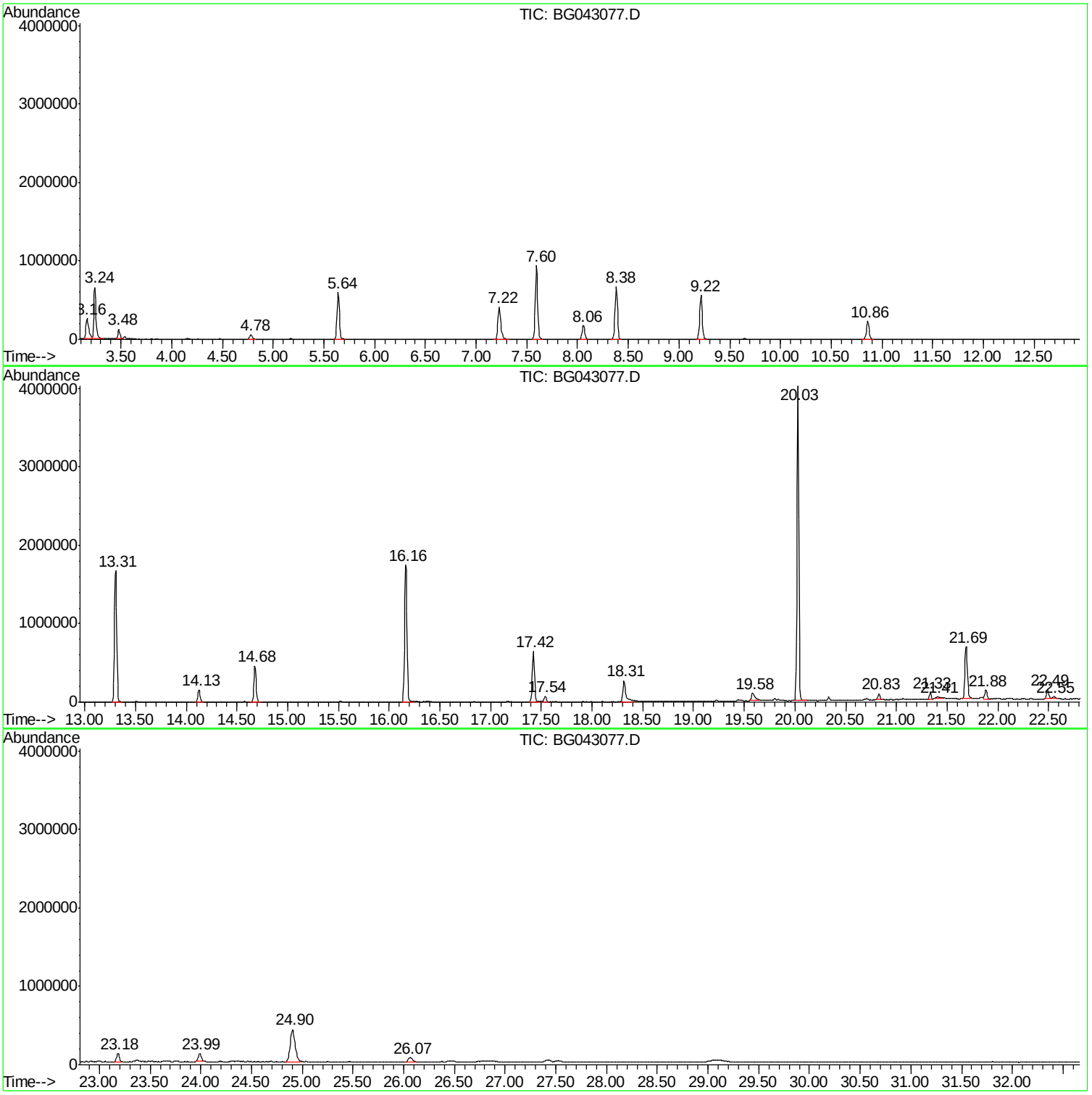
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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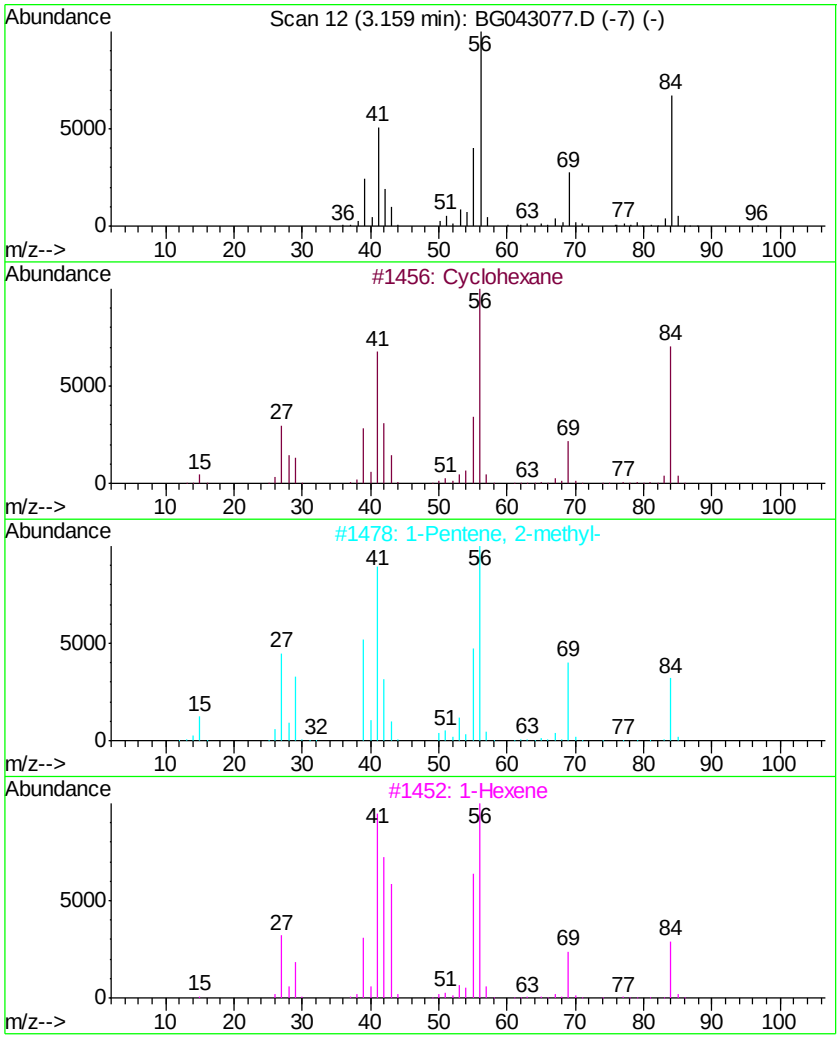
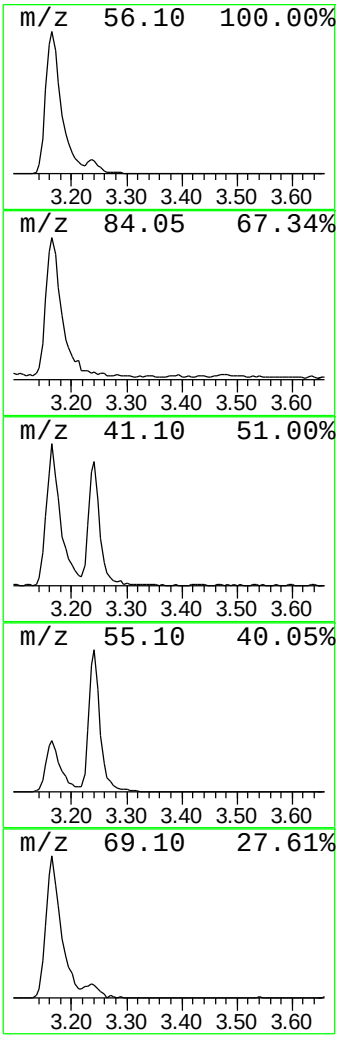
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	31.97 ng	499544	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	78
3	1-Hexene	84	C6H12	000592-41-6	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50





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Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

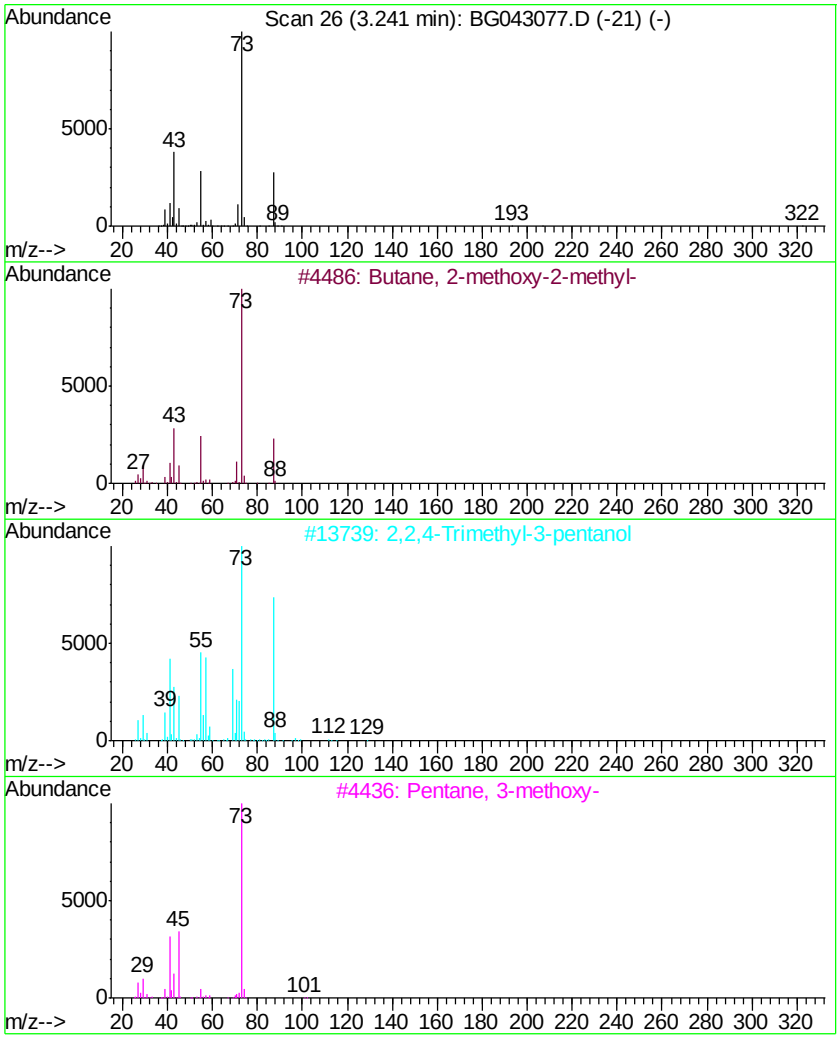
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

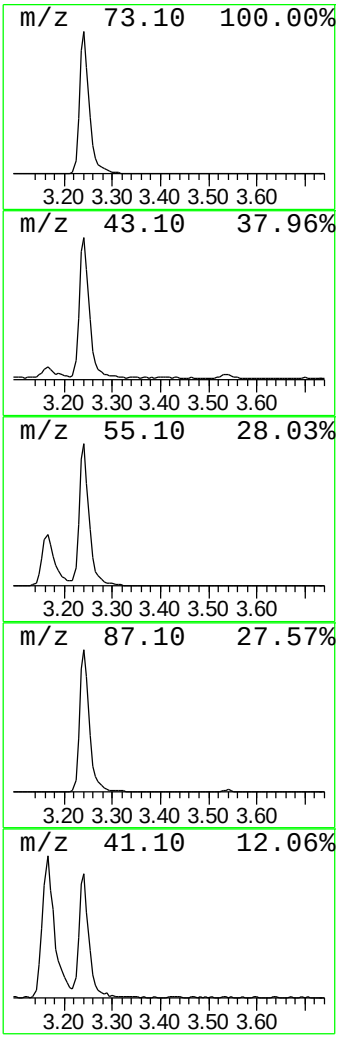
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	60.07 ng	938607	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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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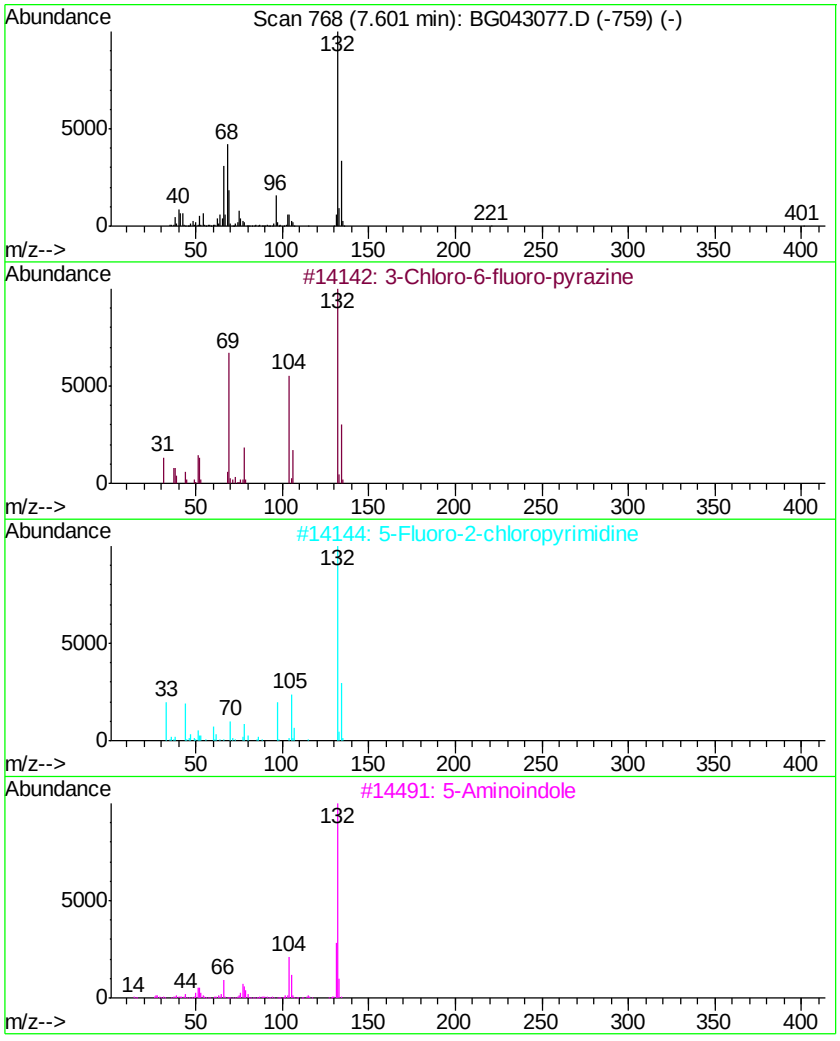
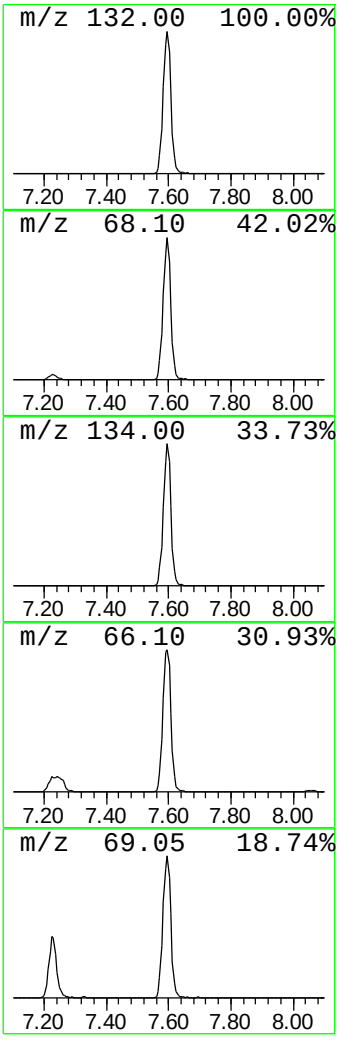
****

Peak Number 5 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	103.94 ng	1623930	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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Xenon	132	Xe	007440-63-3	9





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

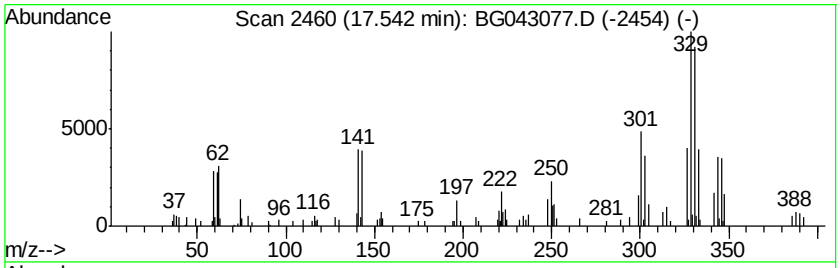
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

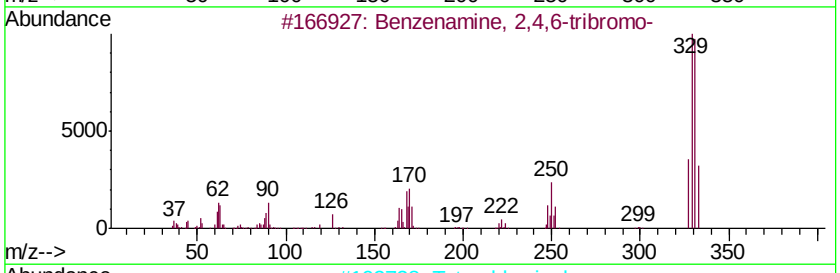
****

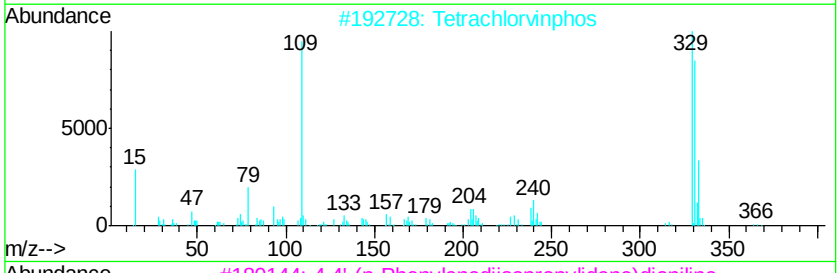
Peak Number 7 Benzenamine, 2,4,6-tribromo- Concentration Rank 14

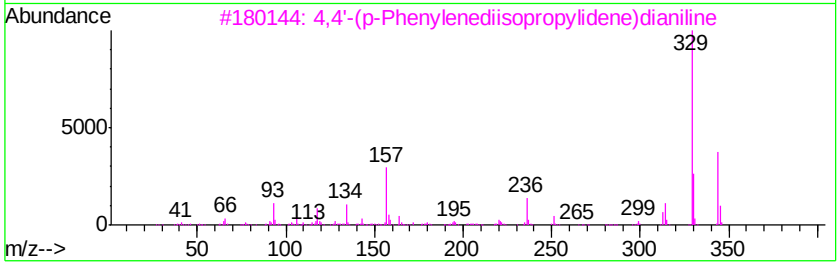
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.13 ng	104836	Phenanthrene-d10	17.42

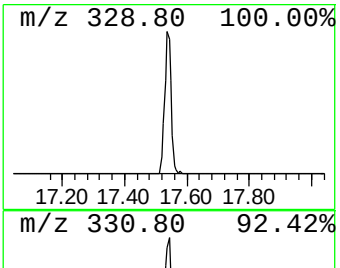
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	50
2	Tetrachlorvinphos	364	C10H9Cl4O4P	022248-79-9	12
3	4,4'-(p-Phenylenediisopropyliden...	344	C24H28N2	002716-10-1	10
4	1-[4-Chloro-6-methyl-2-pyrimidyl...	329	C12H10Cl3N5	051387-79-2	10
5	2,5-Di(trifluoroacetyloxy)acetop...	344	C12H6F6O5	1000365-30-5	9

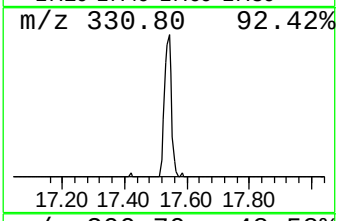


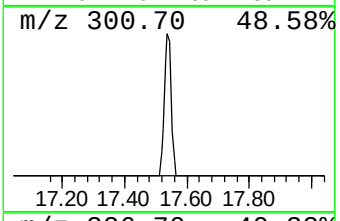


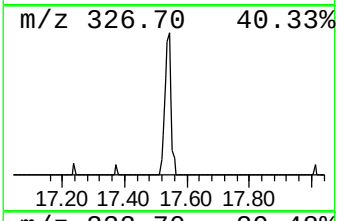


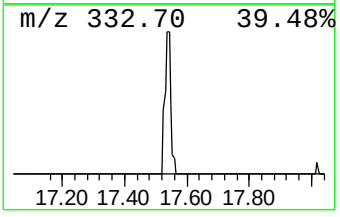












Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

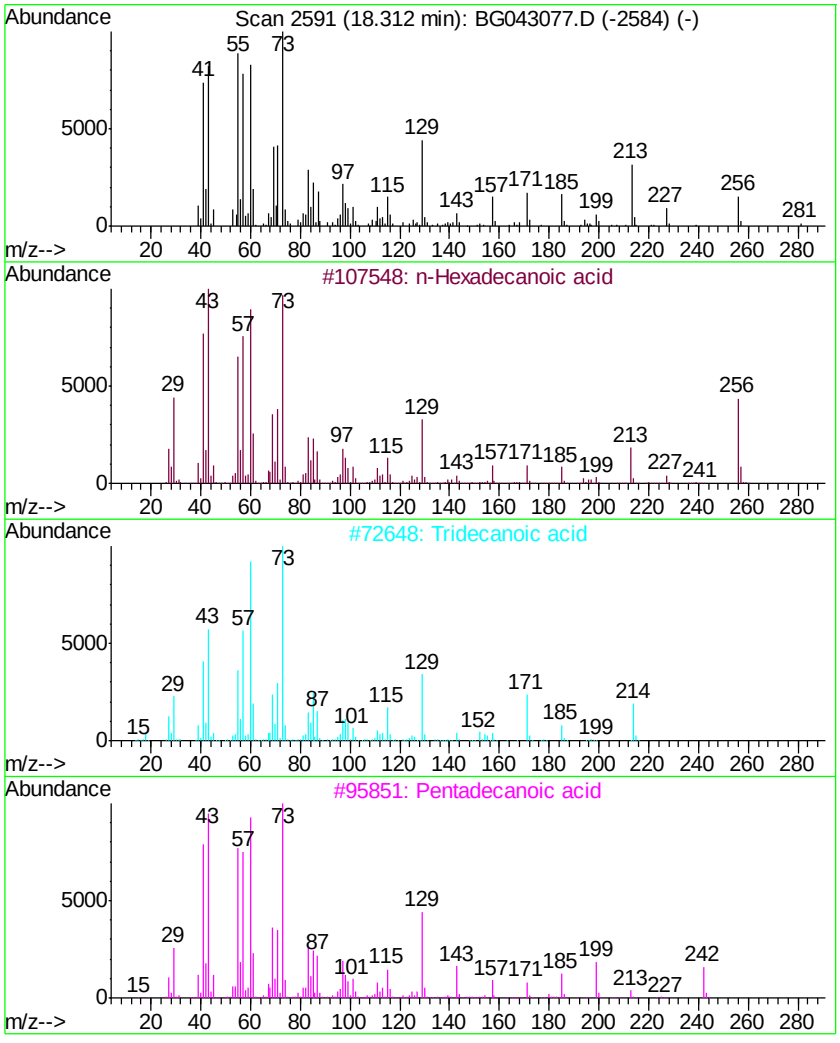
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

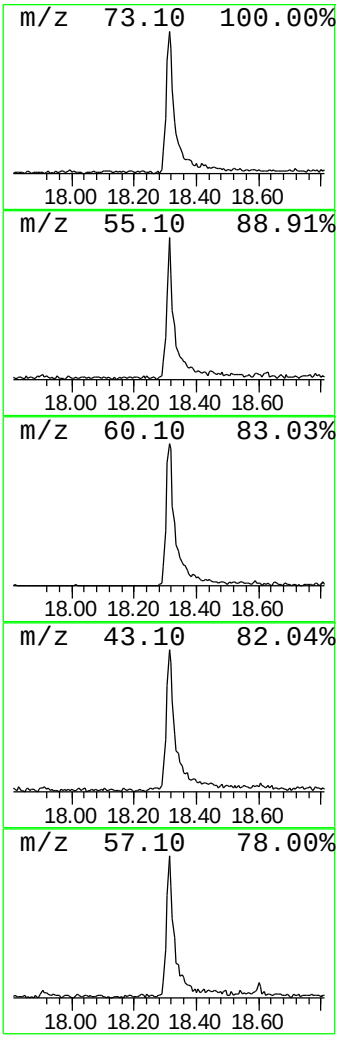
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	11.36 ng	559668	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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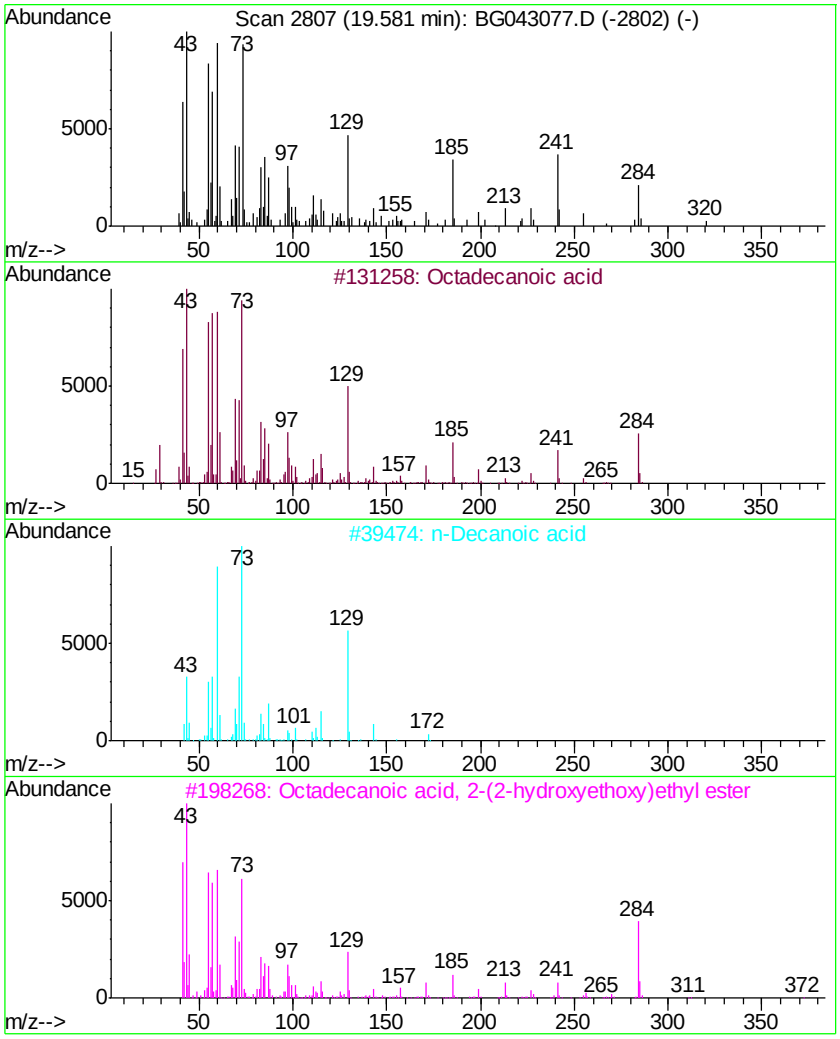
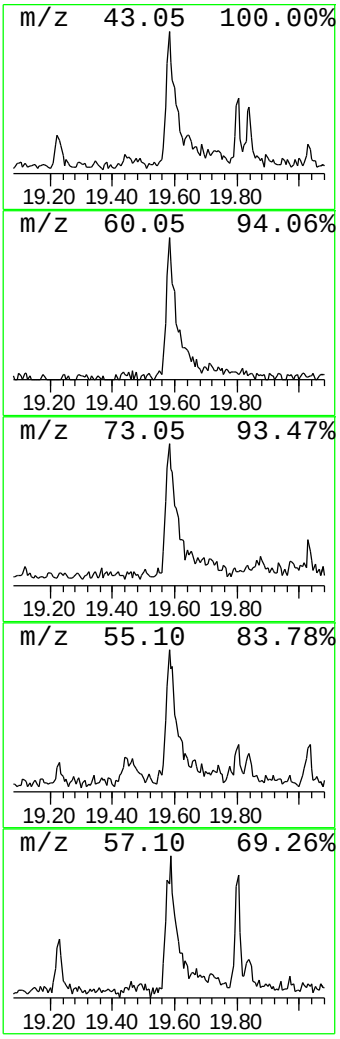
****

Peak Number 9 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	3.90 ng	223911	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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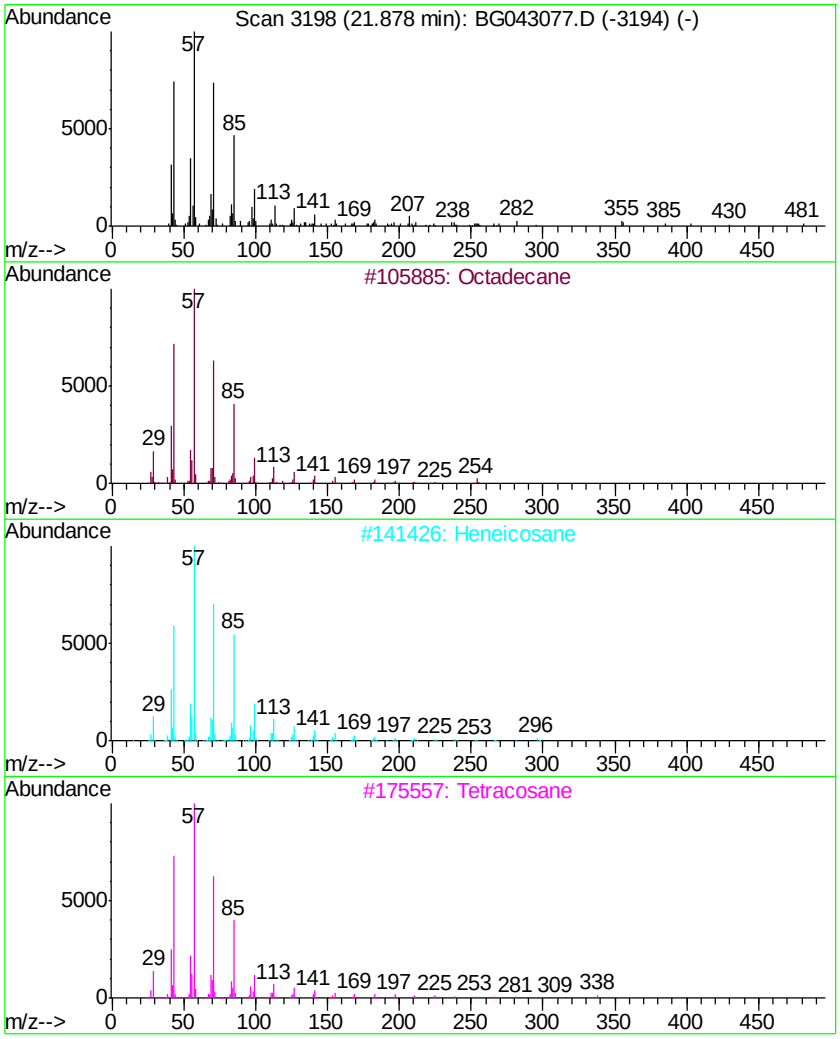
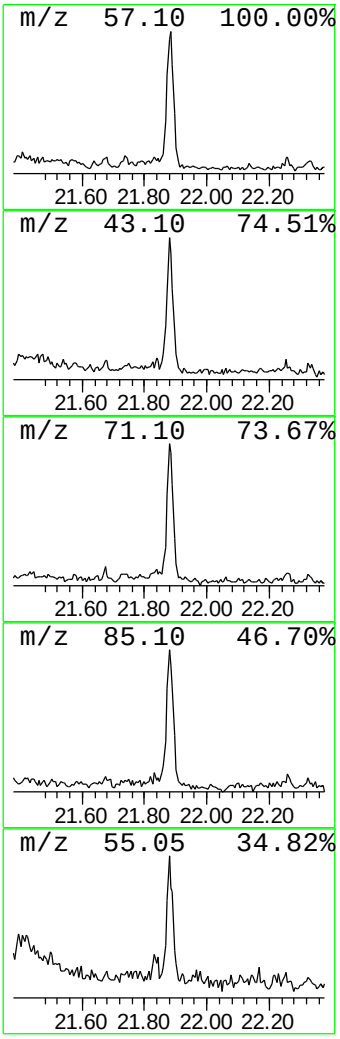
****

Peak Number 10 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	3.04 ng	174750	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Docosane	310	C22H46	000629-97-0	91
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91





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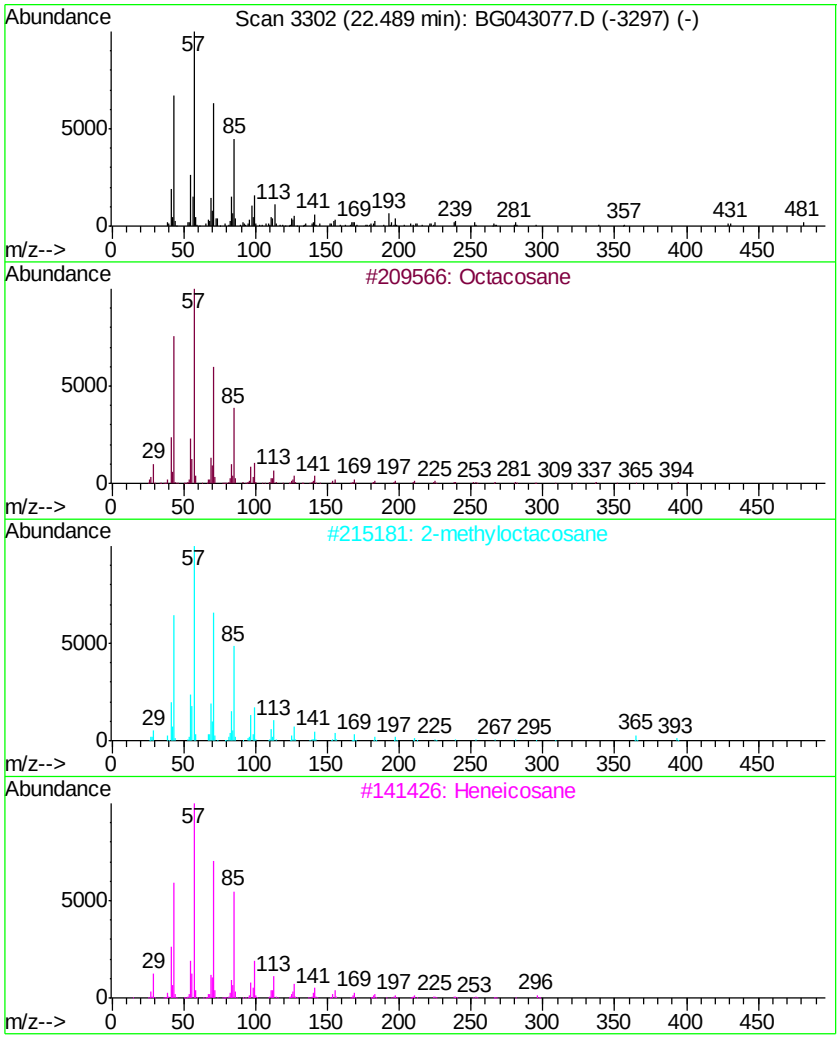
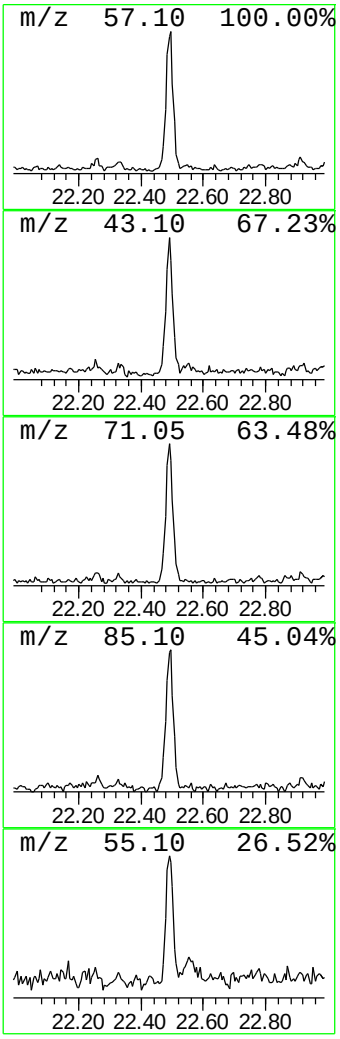
****

Peak Number 11 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	3.18 ng	182503	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043077.D
Acq On : 7 Oct 2019 21:05
Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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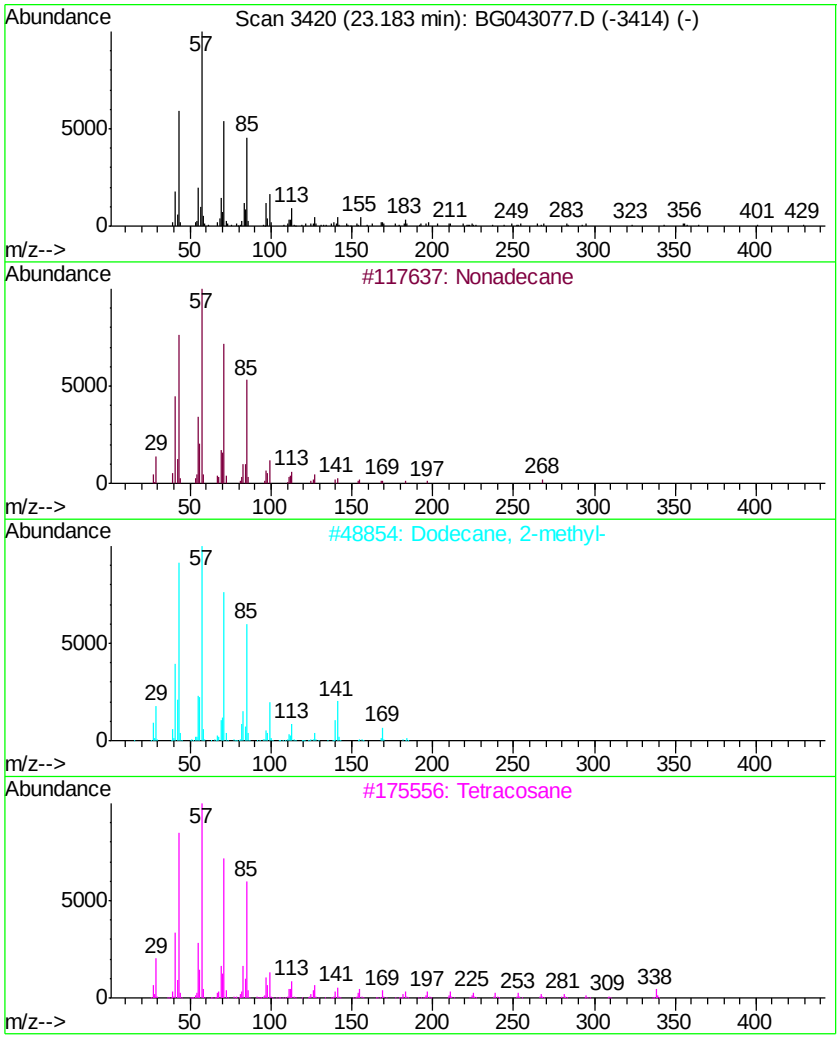
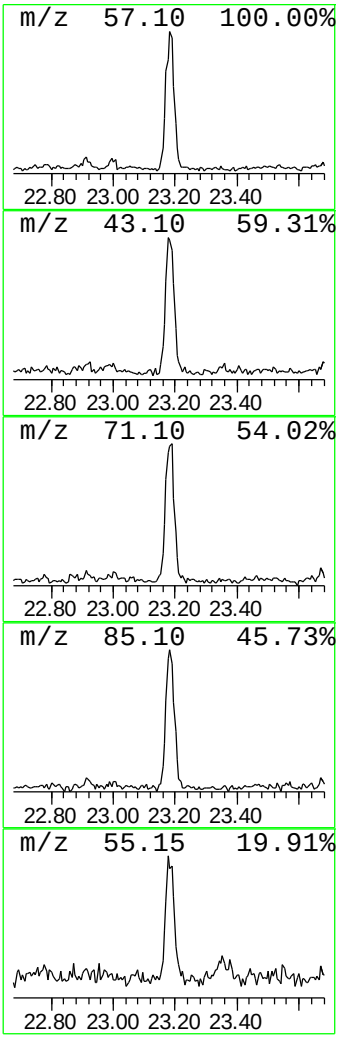
Peak Number 12 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.52 ng	202342	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043077.D
Acq On : 7 Oct 2019 21:05
Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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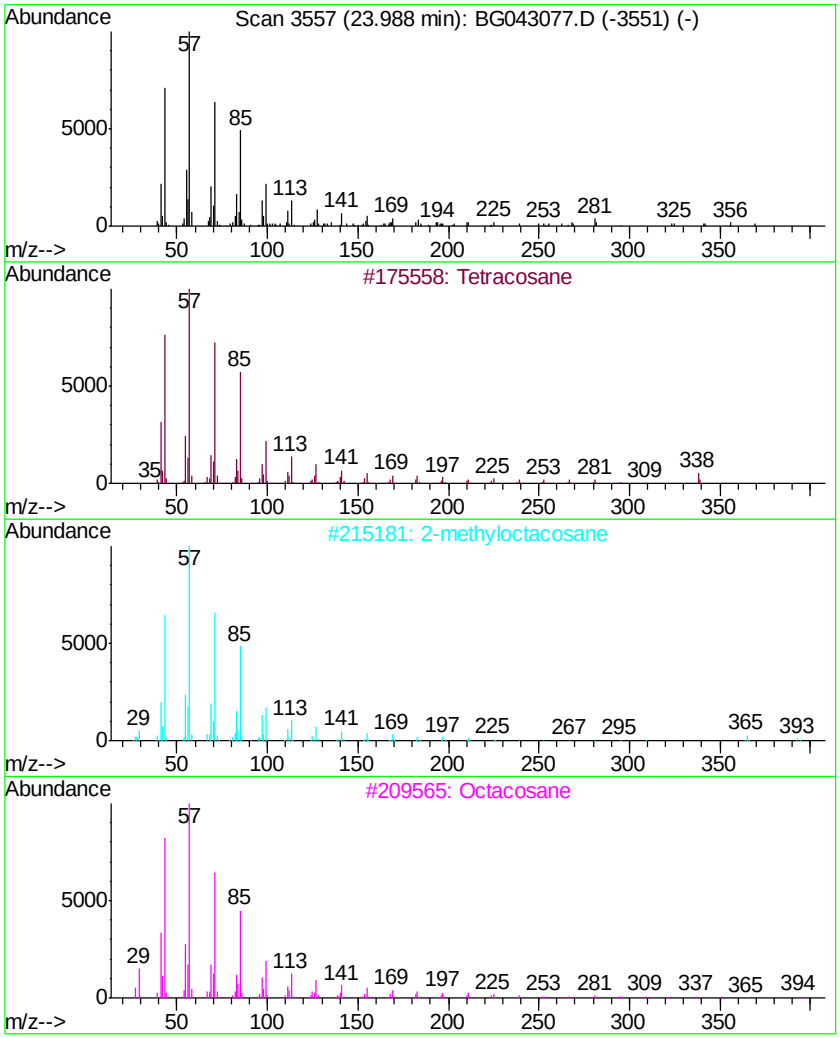
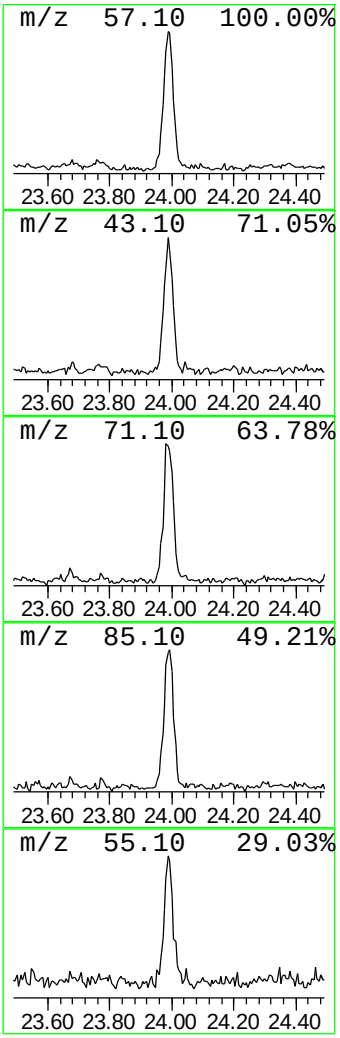
Peak Number 13 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.85 ng	195865	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043077.D
Acq On : 7 Oct 2019 21:05
Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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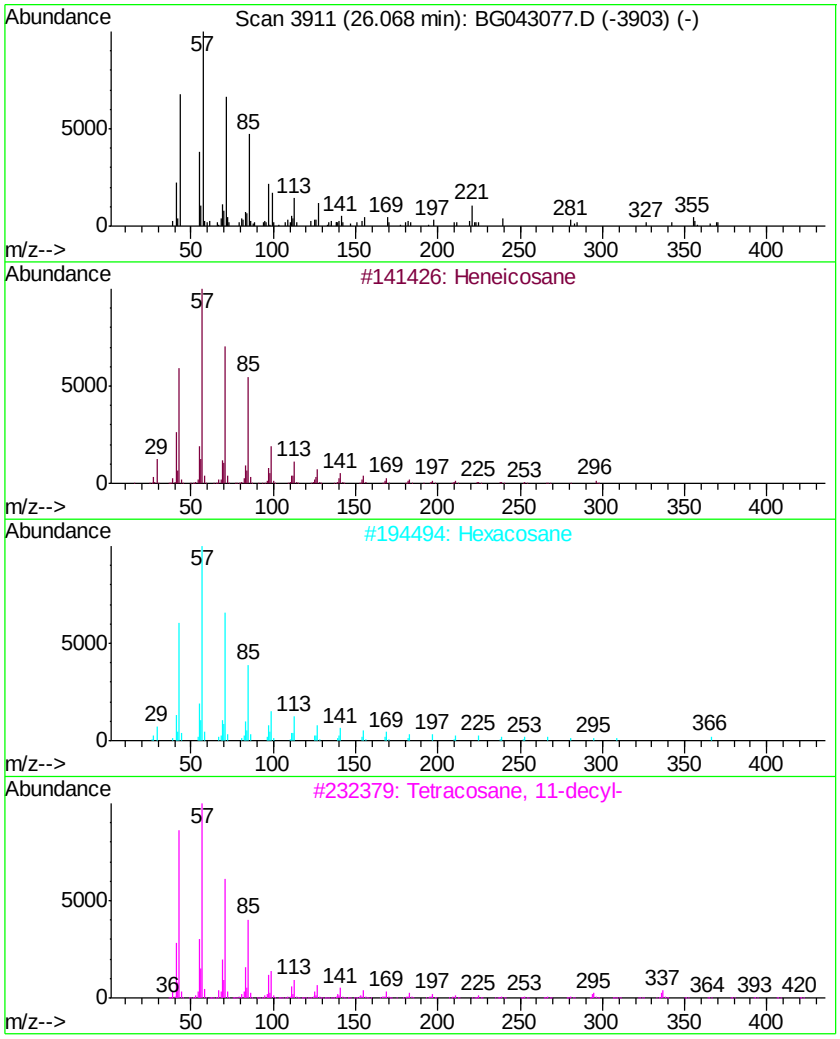
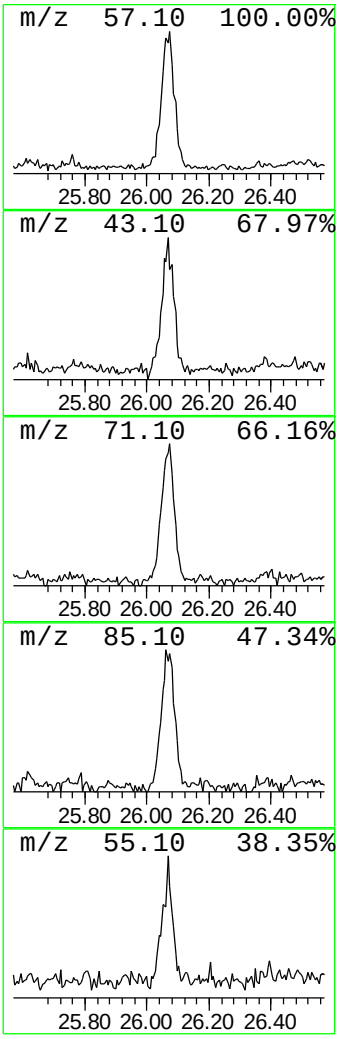
Peak Number 14 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	2.44 ng	167557	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Hexacosane	366	C26H54	000630-01-3	74
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Docosane	310	C22H46	000629-97-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043077.D
Acq On : 7 Oct 2019 21:05
Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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-	3.16	32.0	ng	499544	1	8.05	312483	20.0
Butane, 2-methoxy...	3.24	60.1	ng	938607	1	8.05	312483	20.0
unknown7.60	7.60	103.9	ng	1623930	1	8.05	312483	20.0
Benzenamine, 2,4,...	17.54	2.1	ng	104836	4	17.42	985605	20.0
n-Hexadecanoic acid	18.31	11.4	ng	559668	4	17.42	985605	20.0
Octadecanoic acid	19.58	3.9	ng	223911	5	21.68	1149110	20.0
Octadecane	21.88	3.0	ng	174750	5	21.68	1149110	20.0
Octacosane	22.49	3.2	ng	182503	5	21.68	1149110	20.0
Nonadecane	23.18	3.5	ng	202342	5	21.68	1149110	20.0
Tetracosane	23.99	2.9	ng	195865	6	24.90	1375130	20.0
Heneicosane	26.07	2.4	ng	167557	6	24.90	1375130	20.0