LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

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-BG123019.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	3.147	5	10	28	rVB	1282890	1907363	20.36%	3.630%
2	5.068	332	337	344	rBV	163508	240792	2.57%	0.458%
3	5.538	410	417	429	rBV	1037076	1648503	17.60%	3.137%
4	7.119	679	686	703	rVB	670985	1240530	13.24%	2.361%
5	7.495	742	750	760	rBV	2063895	3534168	37.73%	6.726%
6	7.965	821	830	838	rBV	462364	781380	8.34%	1.487%
7	8.288	877	885	893	rBV	1821530	3118023	33.29%	5.934%
8	9.116	1018	1026	1035	rBV	1579430	2783459	29.72%	5.297%
9	10.761	1298	1306	1316	rBV	649854	1179093	12.59%	2.244%
10	13.217	1717	1724	1734	rBV	4061098	6466440	69.04%	12.307%
11	14.046	1859	1865	1870	rBV	152122	226343	2.42%	0.431%
12	14.592	1950	1958	1965	rBV2	1162528	1798286	19.20%	3.423%
13	16.079	2204	2211	2219	rBV	3579238	5441076	58.09%	10.355%
14	17.336	2415	2425	2435	rBV	1442802	2171446	23.18%	4.133%
15	18.241	2574	2579	2586	rBV	139105	225534	2.41%	0.429%
16	19.951	2864	2870	2877	rBV	7009179	9366745	100.00%	17.827%
17	21.261	3088	3093	3105	rBV2	618690	1060290	11.32%	2.018%
18	21.584	3141	3148	3159	rBV2	1408972	2223410	23.74%	4.232%
19	21.807	3181	3186	3197	rVB	222271	327107	3.49%	0.623%
20	22.407	3282	3288	3305	rBV	345033	603719	6.45%	1.149%
21	23.088	3398	3404	3411	rBV	432845	753827	8.05%	1.435%
22	23.270	3430	3435	3445	rVB	121427	235313	2.51%	0.448%
23	23.875	3531	3538	3553	rVB2	424612	928609	9.91%	1.767%
24	24.710	3670	3680	3689	rBV2	834834	2257950	24.11%	4.297%
25	24.804	3689	3696	3712	rVB2	344682	903867	9.65%	1.720%
26	25.908	3875	3884	3894	rBV2	234676	718642	7.67%	1.368%
27	27.236	4100	4110	4122	rBV4	116376	401077	4.28%	0.763%

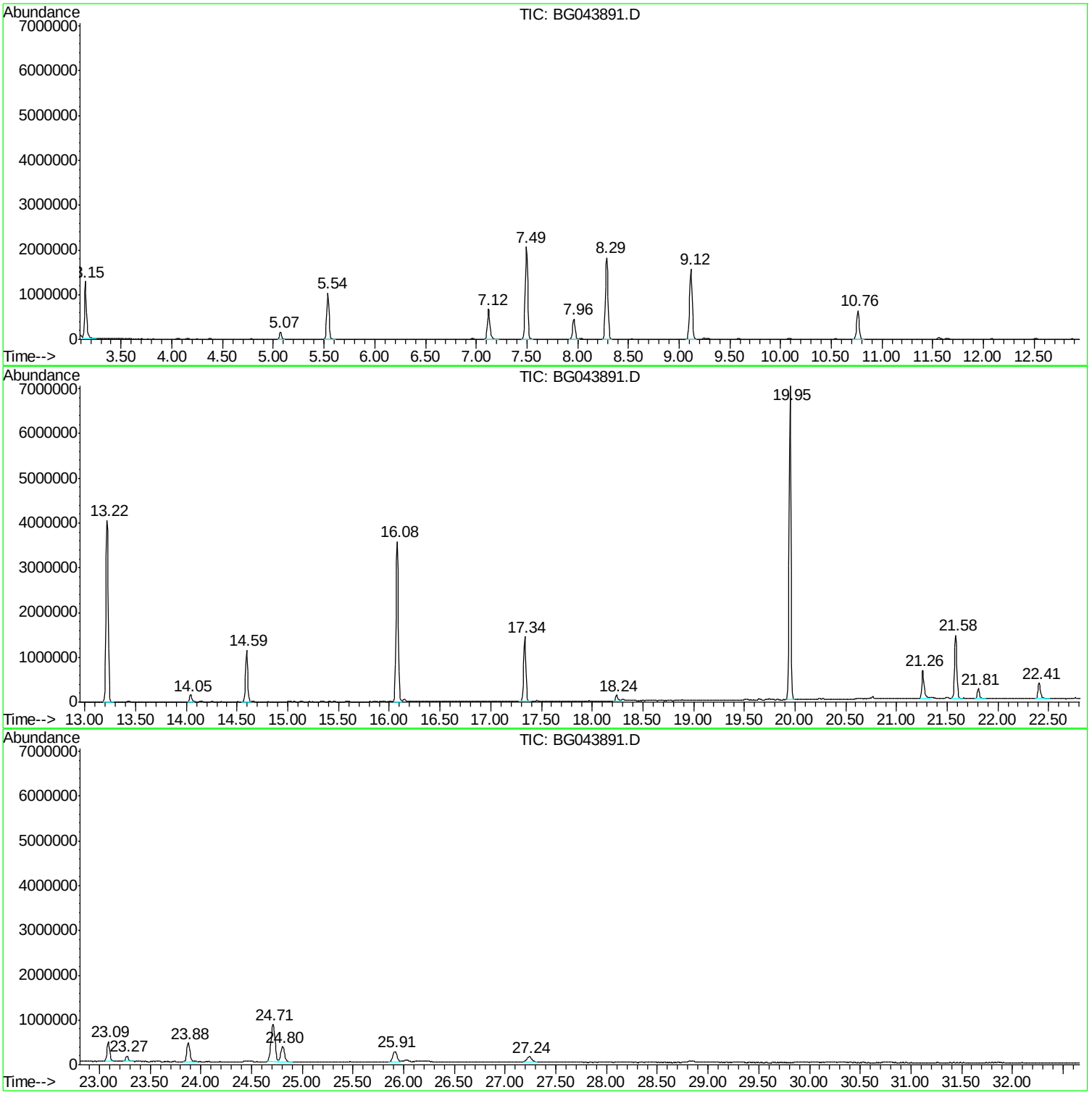
Sum of corrected areas: 52542992

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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 : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

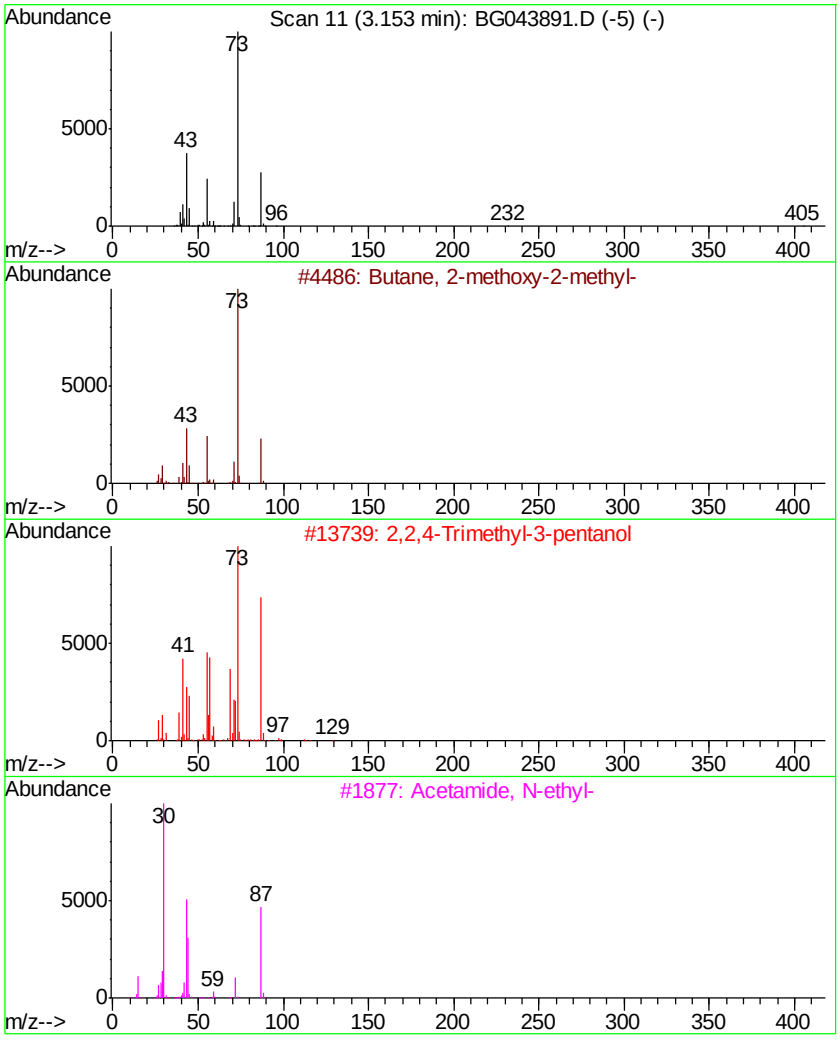
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

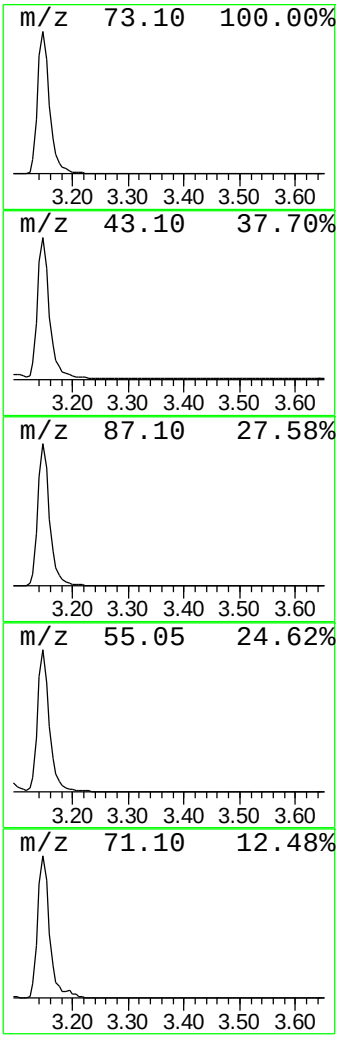
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	48.82 ng	1907360	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

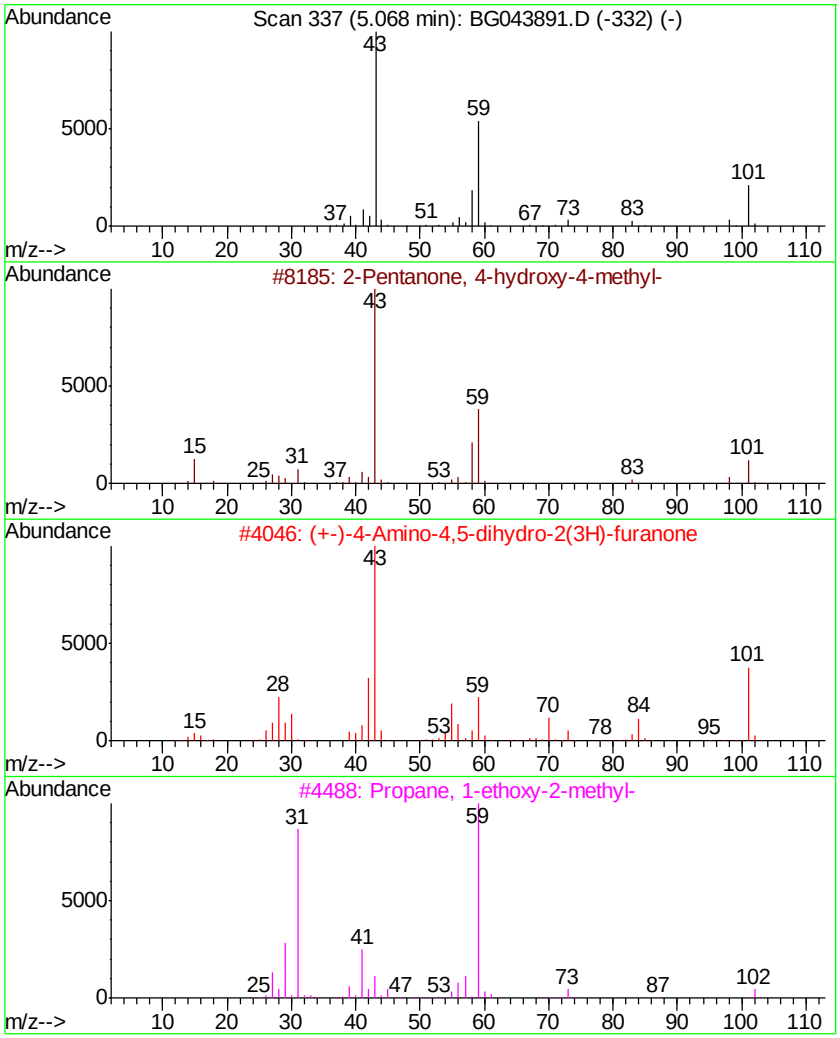
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

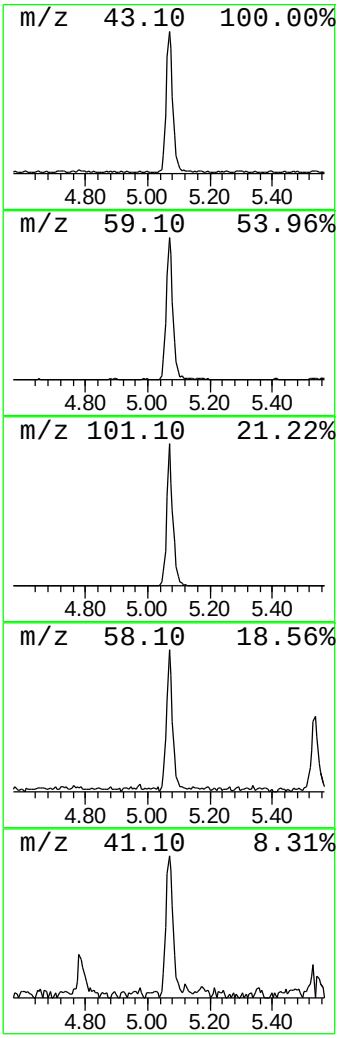
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.16 ng	240792	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	32
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

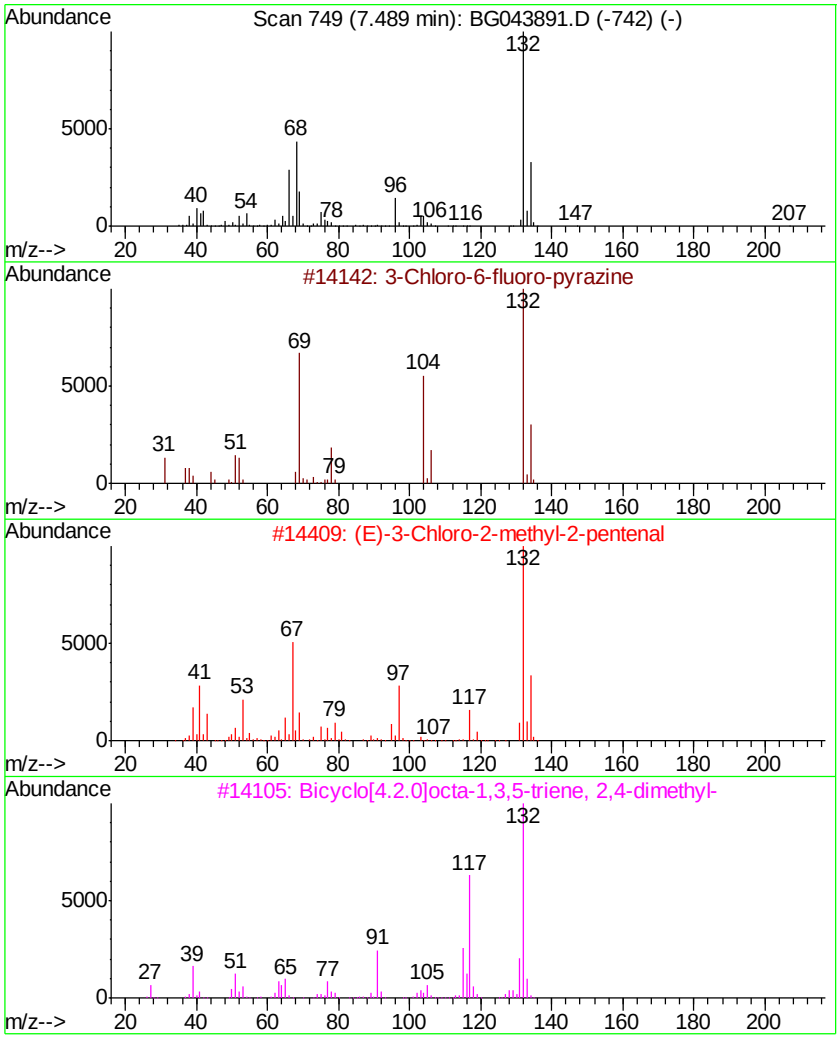
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

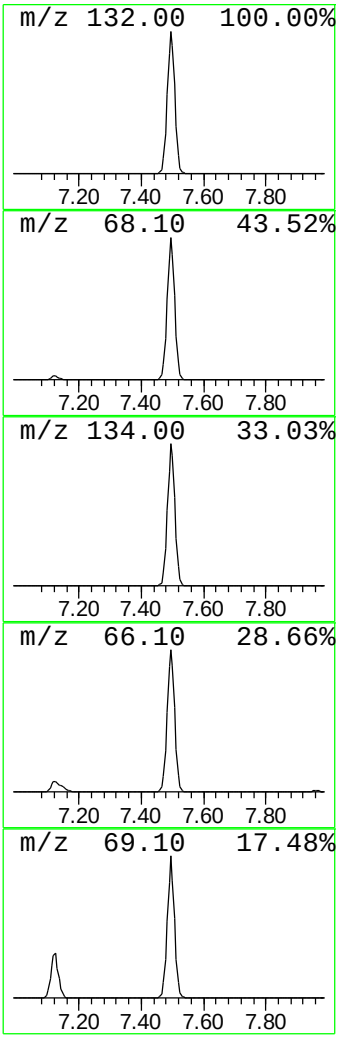
****

Peak Number 3 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	90.46 ng	3534170	1,4-Dichlorobenzene-d4	7.96

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

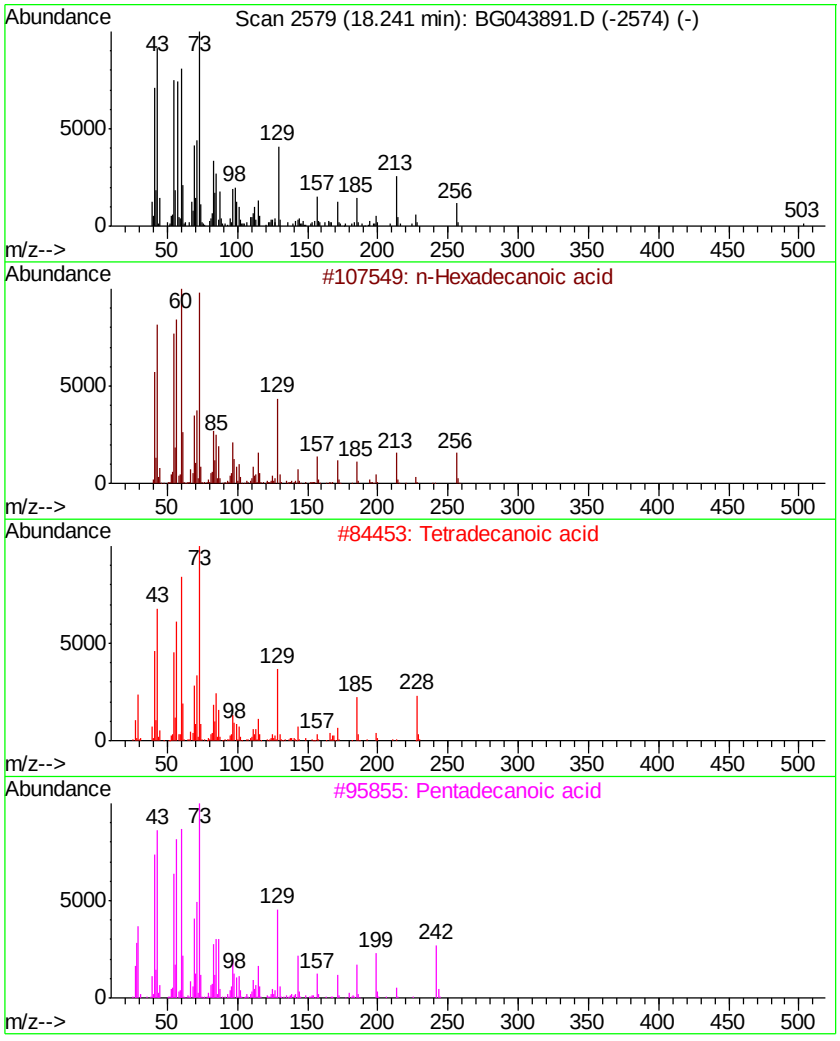
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

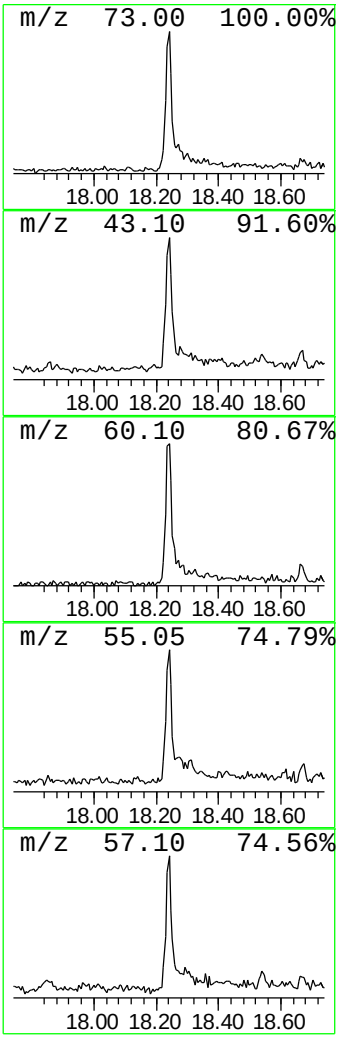
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.08 ng	225534	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

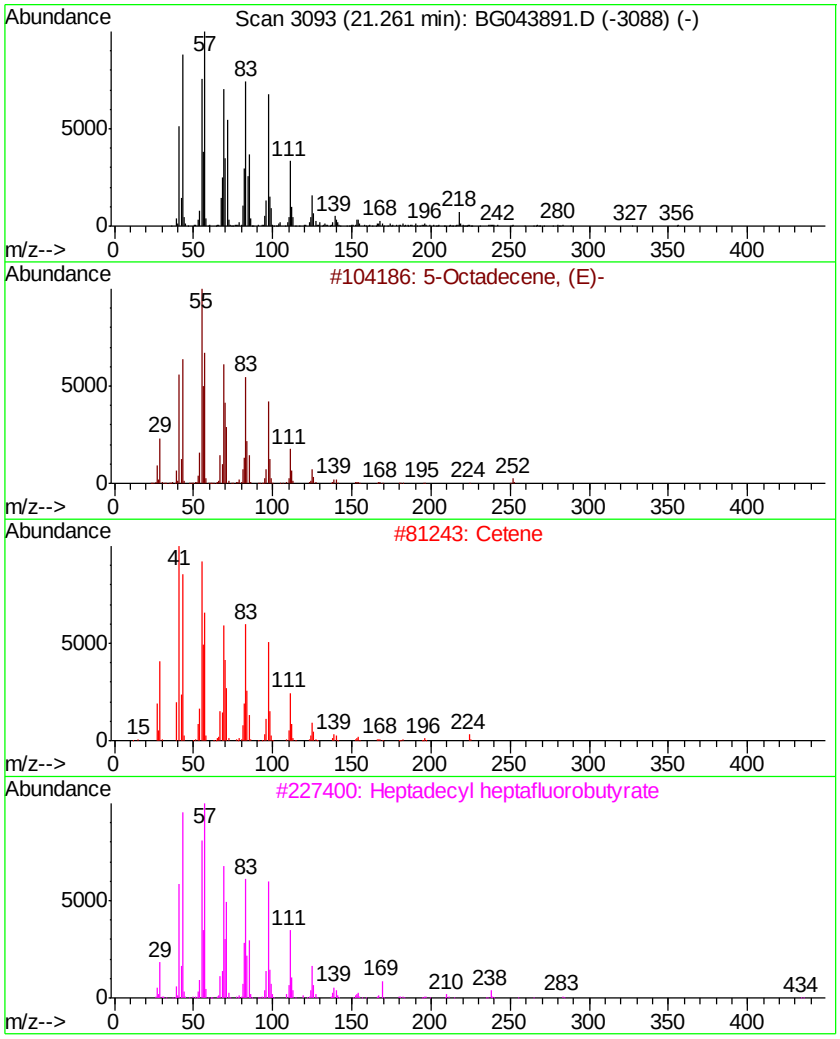
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

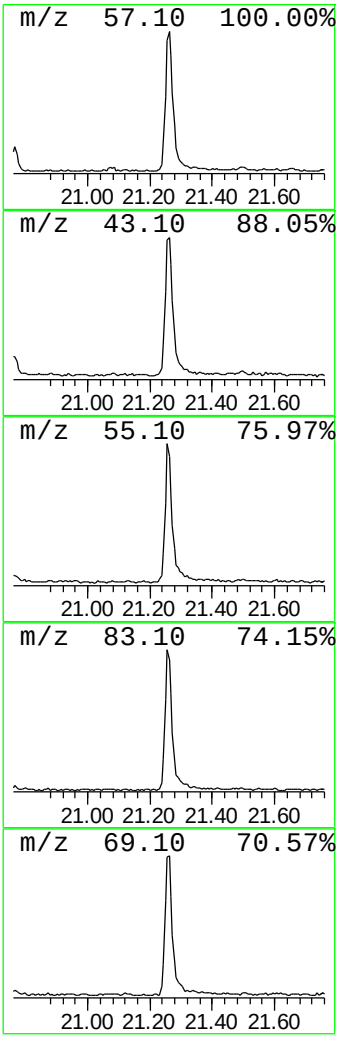
****

Peak Number 6 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	9.54 ng	1060290	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Cetene	224	C16H32	000629-73-2	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

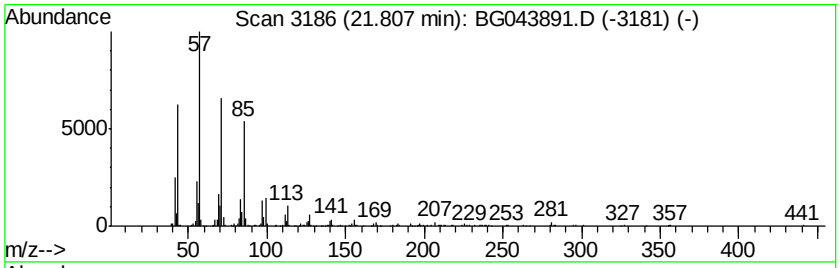
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

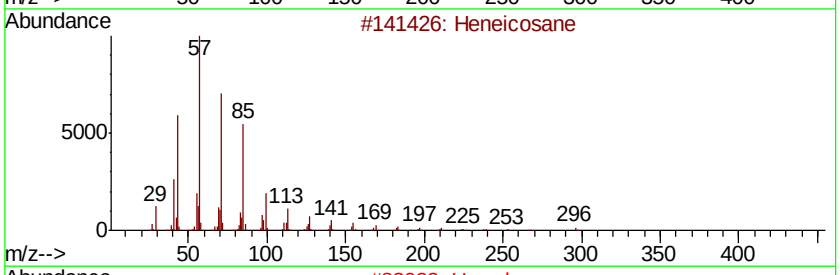
****

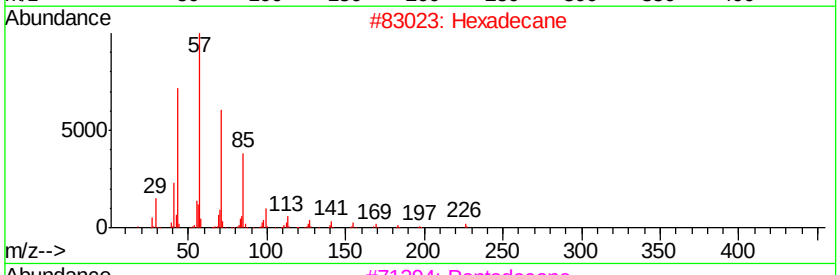
Peak Number 7 Heneicosane Concentration Rank 12

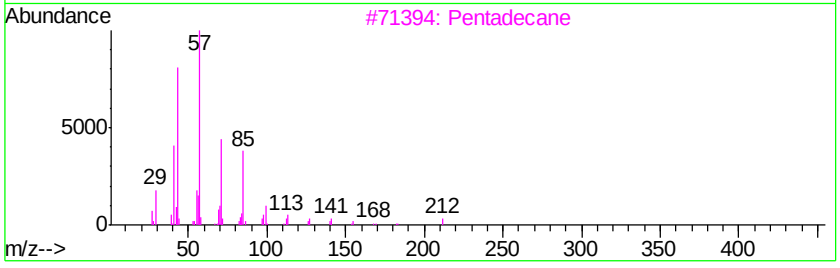
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.94 ng	327107	Chrysene-d12	21.58

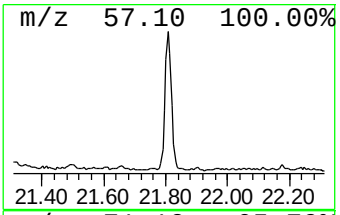
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tetracosane	338	C24H50	000646-31-1	86

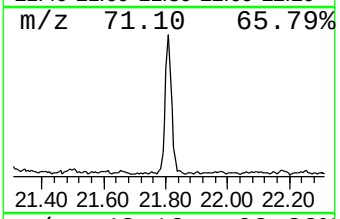


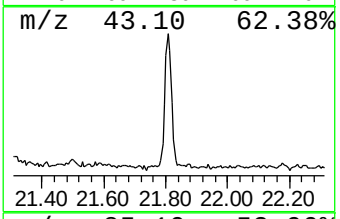


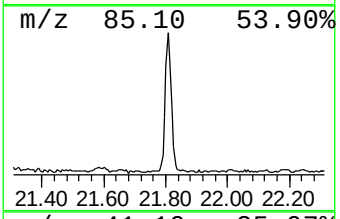


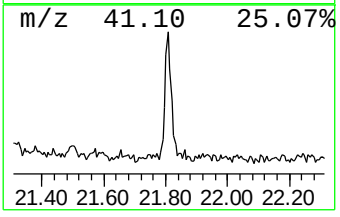












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

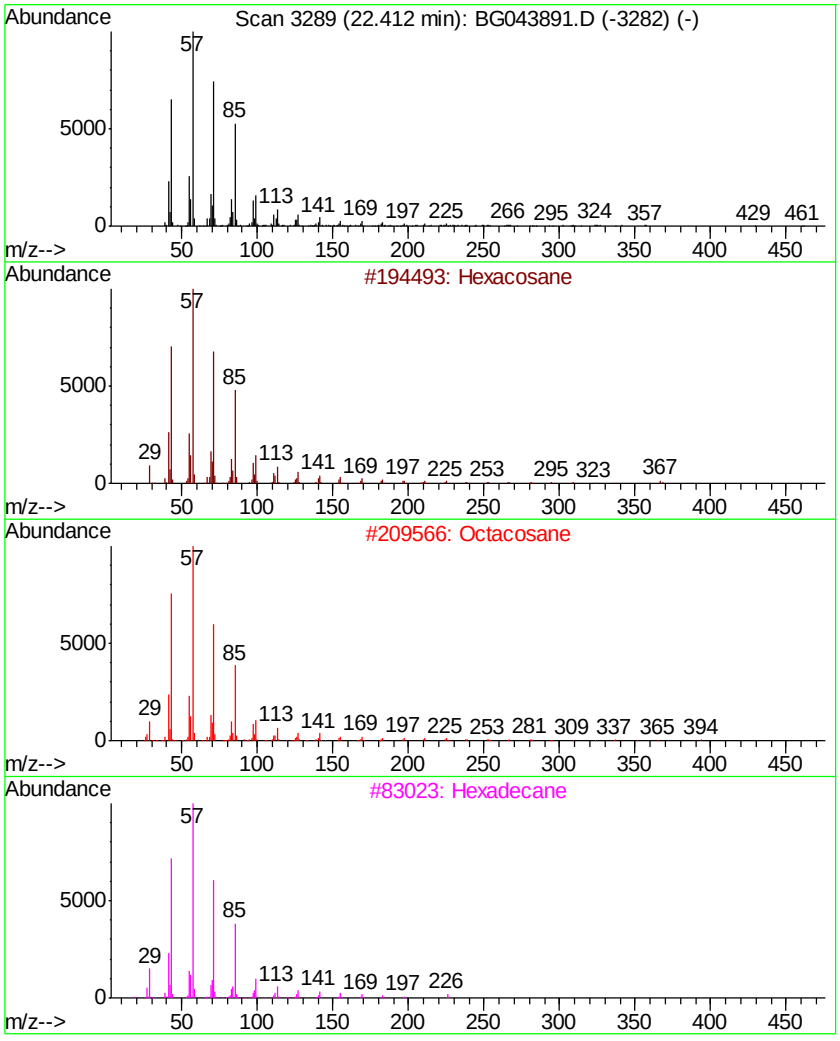
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

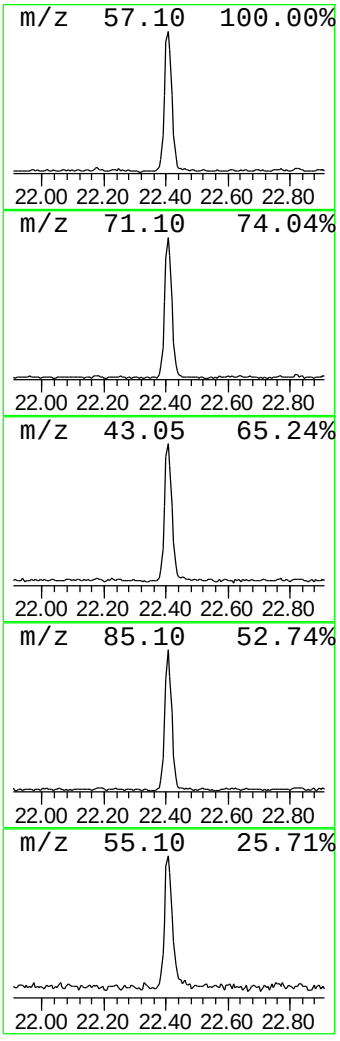
****

Peak Number 8 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	5.43 ng	603719	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tricosane	324	C23H48	000638-67-5	76
5	Heneicosane	296	C21H44	000629-94-7	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

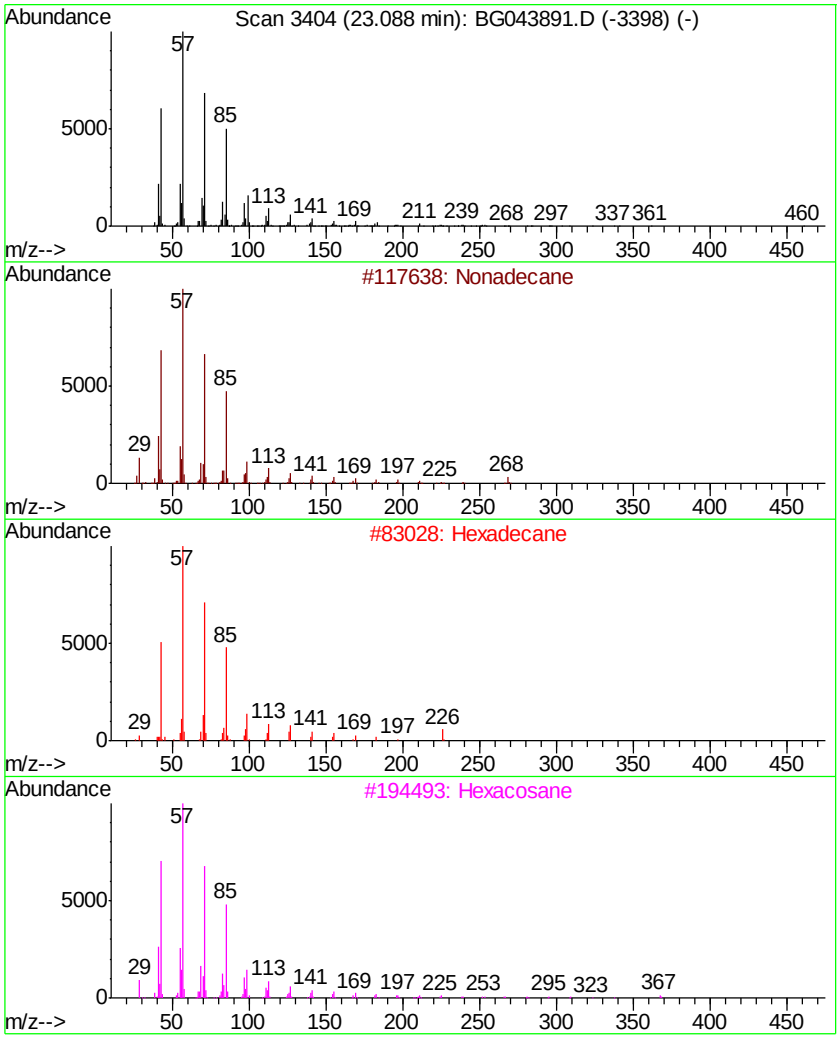
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

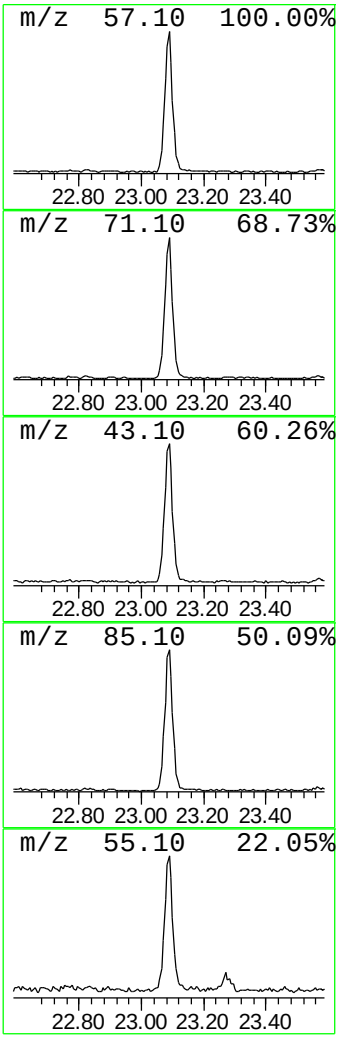
****

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	6.78 ng	753827	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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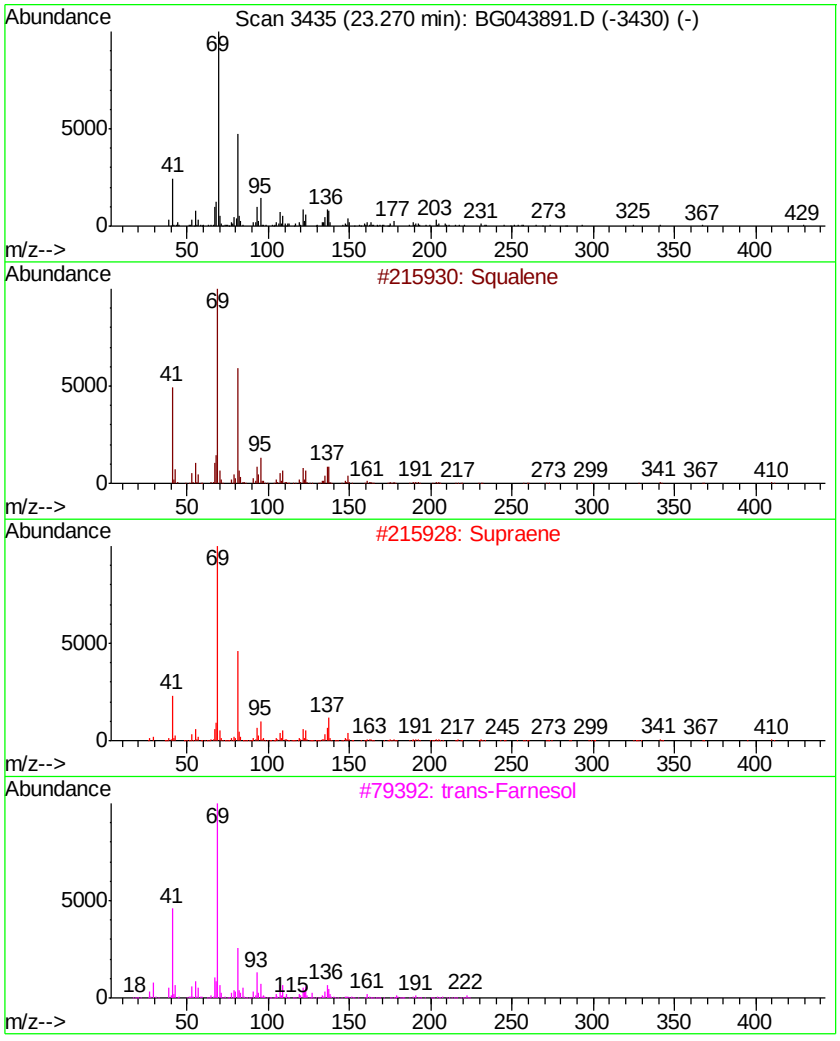
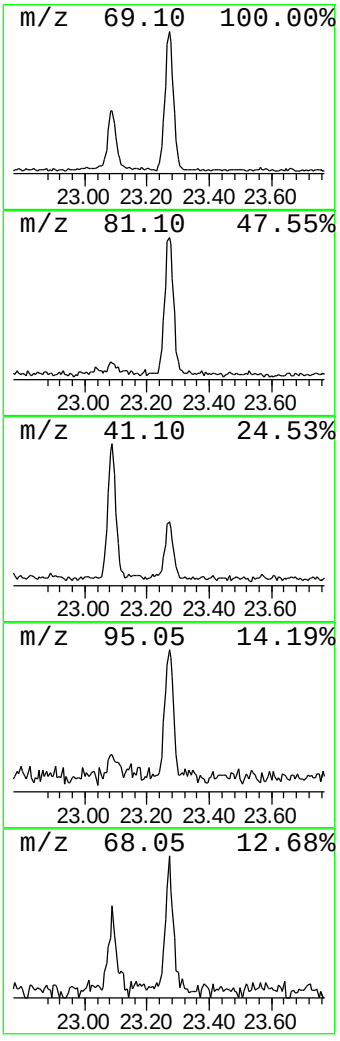
Peak Number 10 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	2.08 ng	235313	Perylene-d12	24.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	trans-Farnesol	222	C15H26O	000106-28-5	80
4	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	72
5	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	000762-29-8	72





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Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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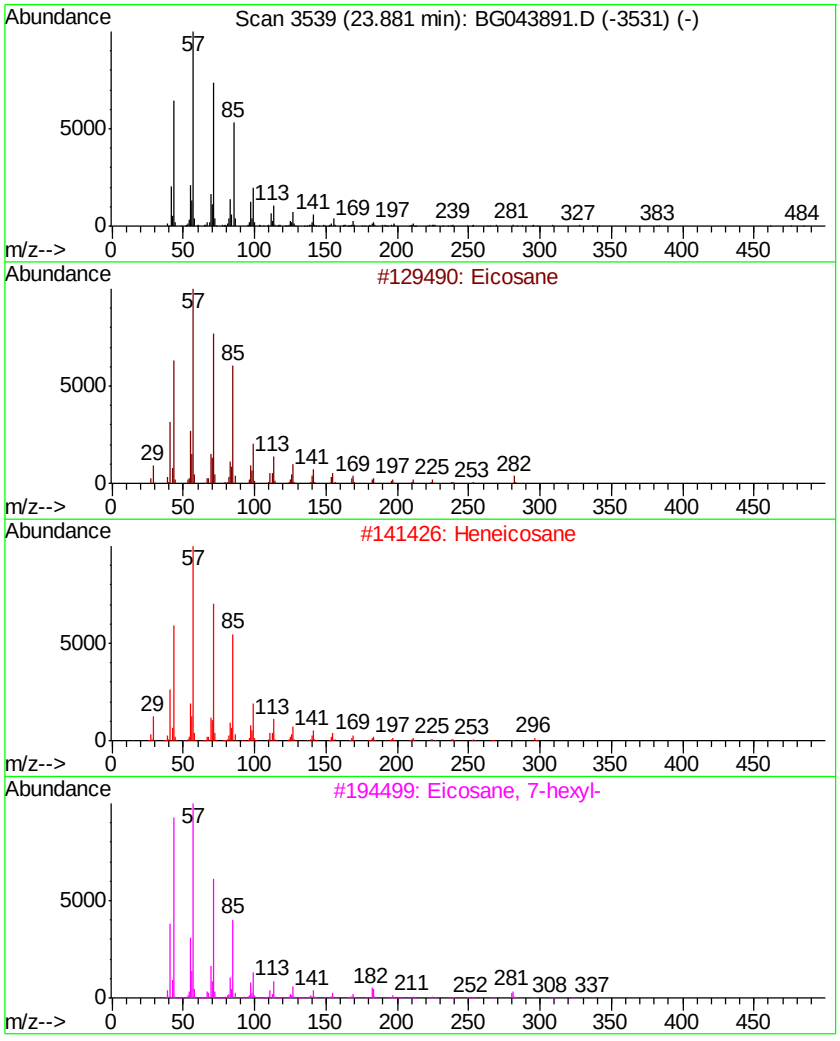
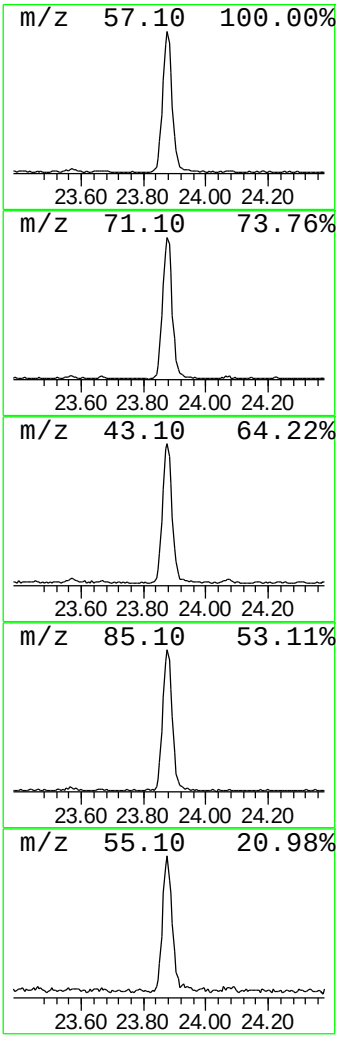
Peak Number 11 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	8.23 ng	928609	Perylene-d12	24.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
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Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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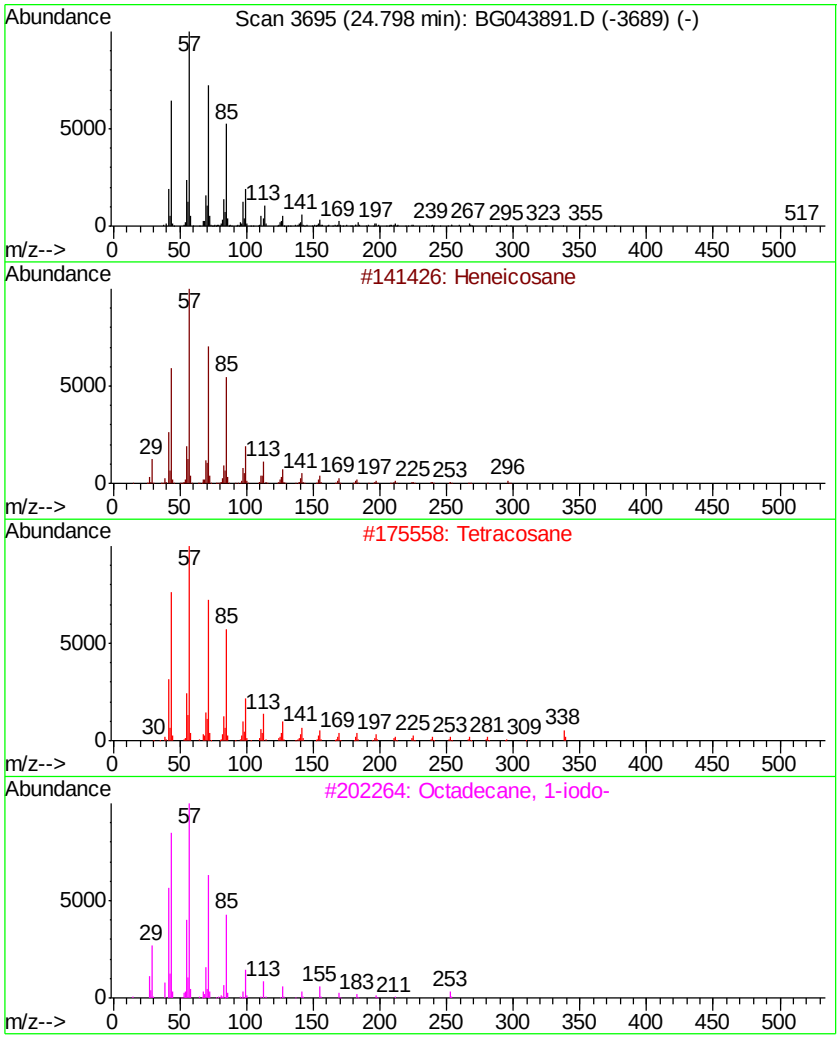
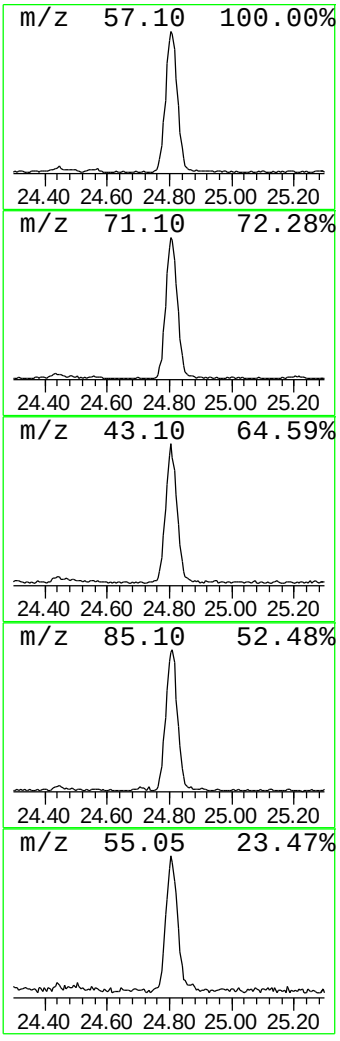
Peak Number 12 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	8.01 ng	903867	Perylene-d12	24.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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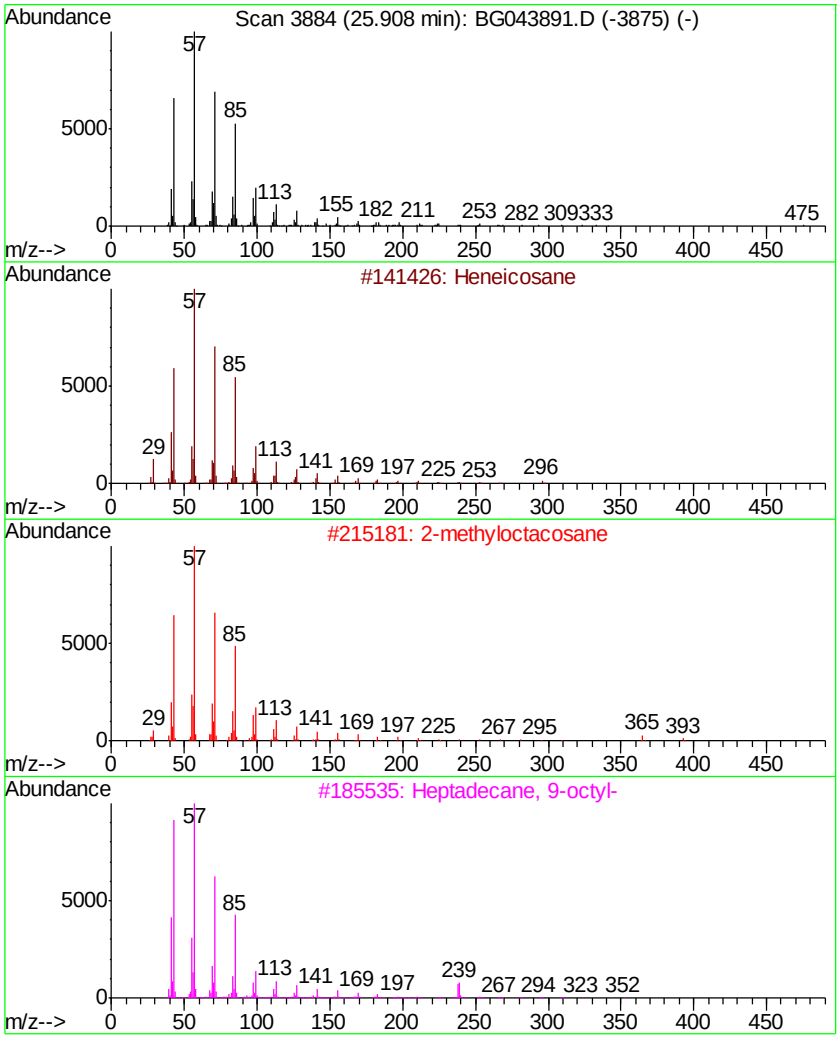
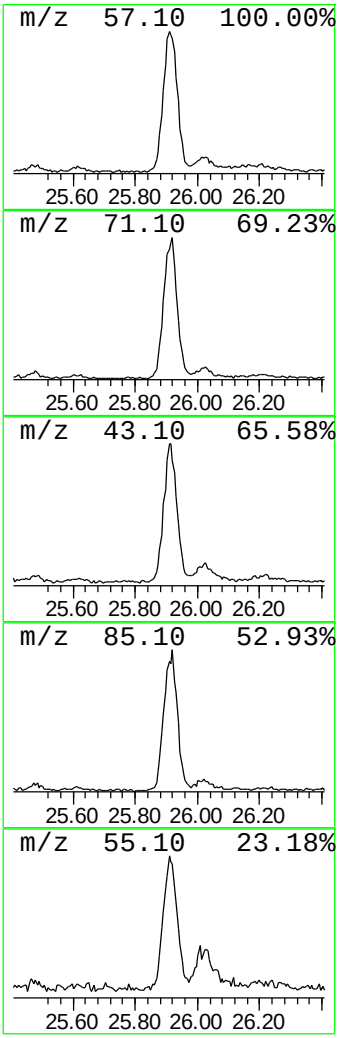
Peak Number 13 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	6.37 ng	718642	Perylene-d12	24.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	2-methylhexacosane	380	C27H56	1000376-72-7	83
5	Heptacosane	380	C27H56	000593-49-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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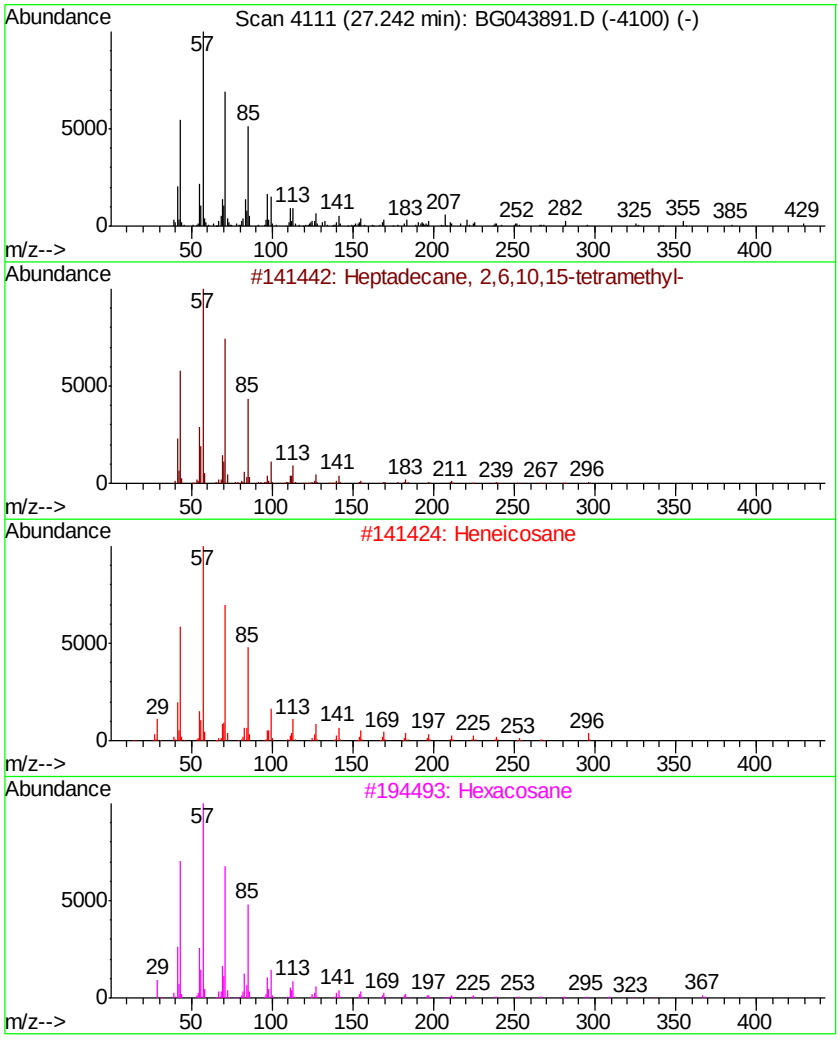
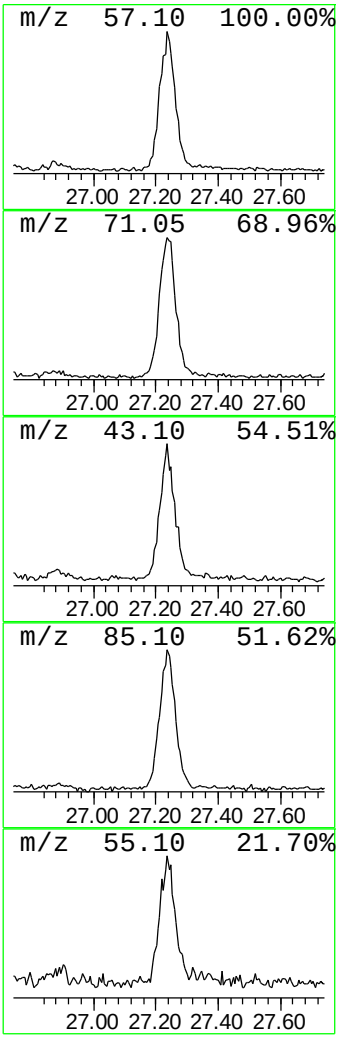
Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.24	3.55 ng	401077	Perylene-d12	24.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Eicosane	282	C20H42	000112-95-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010320\
Data File : BG043891.D
Acq On : 3 Jan 2020 17:17
Operator : JU
Sample : K6460-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
Butane, 2-methoxy...	3.15	48.8	ng	1907360	1	7.96	781380	20.0
2-Pentanone, 4-hy...	5.07	6.2	ng	240792	1	7.96	781380	20.0
unknown7.49	7.49	90.5	ng	3534170	1	7.96	781380	20.0
n-Hexadecanoic acid	18.24	2.1	ng	225534	4	17.34	2171450	20.0
5-Octadecene, (E)-	21.26	9.5	ng	1060290	5	21.58	2223410	20.0
Heneicosane	21.81	2.9	ng	327107	5	21.58	2223410	20.0
Hexacosane	22.41	5.4	ng	603719	5	21.58	2223410	20.0
Nonadecane	23.09	6.8	ng	753827	5	21.58	2223410	20.0
Squalene	23.27	2.1	ng	235313	6	24.71	2257950	20.0
Eicosane	23.88	8.2	ng	928609	6	24.71	2257950	20.0
Tetracosane	24.80	8.0	ng	903867	6	24.71	2257950	20.0
2-methyloctacosane	25.91	6.4	ng	718642	6	24.71	2257950	20.0
Heptadecane, 2,6,...	27.24	3.5	ng	401077	6	24.71	2257950	20.0