LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024690.D
Acq On : 31 Jan 2020 23:58
Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

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_M\METHODS\8270-BM012320.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	3.081	29	33	38	rVB	218832	239168	1.56%	0.361%
2	4.622	293	295	302	rVB	128095	157707	1.03%	0.238%
3	5.069	365	371	378	rBV	3353963	4509162	29.39%	6.806%
4	6.628	628	636	648	rBV	2814200	4397456	28.66%	6.637%
5	7.422	765	771	781	rVB	655542	995305	6.49%	1.502%
6	7.739	817	825	836	rBV	2924872	4474590	29.16%	6.753%
7	8.563	956	965	976	rBV	1941876	3132025	20.41%	4.727%
8	10.180	1231	1240	1246	rBV	760032	1263070	8.23%	1.906%
9	12.686	1659	1666	1677	rBV	5718787	8370126	54.55%	12.633%
10	13.545	1807	1812	1817	rBV	121570	165233	1.08%	0.249%
11	14.074	1896	1902	1910	rVB	1235558	1779936	11.60%	2.686%
12	15.574	2148	2157	2169	rBV	5358116	7534121	49.10%	11.371%
13	16.827	2364	2370	2375	rBV	1676748	2263341	14.75%	3.416%
14	17.774	2526	2531	2538	rBV	453421	638764	4.16%	0.964%
15	19.068	2746	2751	2762	rBV	199935	332965	2.17%	0.503%
16	19.486	2816	2822	2829	rBV	12967602	15342951	100.00%	23.157%
17	20.792	3040	3044	3051	rBV2	657974	955887	6.23%	1.443%
18	21.033	3080	3085	3091	rBV	2348983	3016565	19.66%	4.553%
19	21.244	3117	3121	3125	rBV	300965	338268	2.20%	0.511%
20	21.662	3188	3192	3199	rBV	440088	554711	3.62%	0.837%
21	22.097	3262	3266	3270	rBV	545050	646308	4.21%	0.975%
22	22.574	3343	3347	3353	rVB	544462	707677	4.61%	1.068%
23	23.103	3433	3437	3439	rBV	475726	666761	4.35%	1.006%
24	23.144	3439	3444	3453	rVB	1814805	3180888	20.73%	4.801%
25	23.697	3534	3538	3544	rVB	350578	593395	3.87%	0.896%

Sum of corrected areas: 66256380

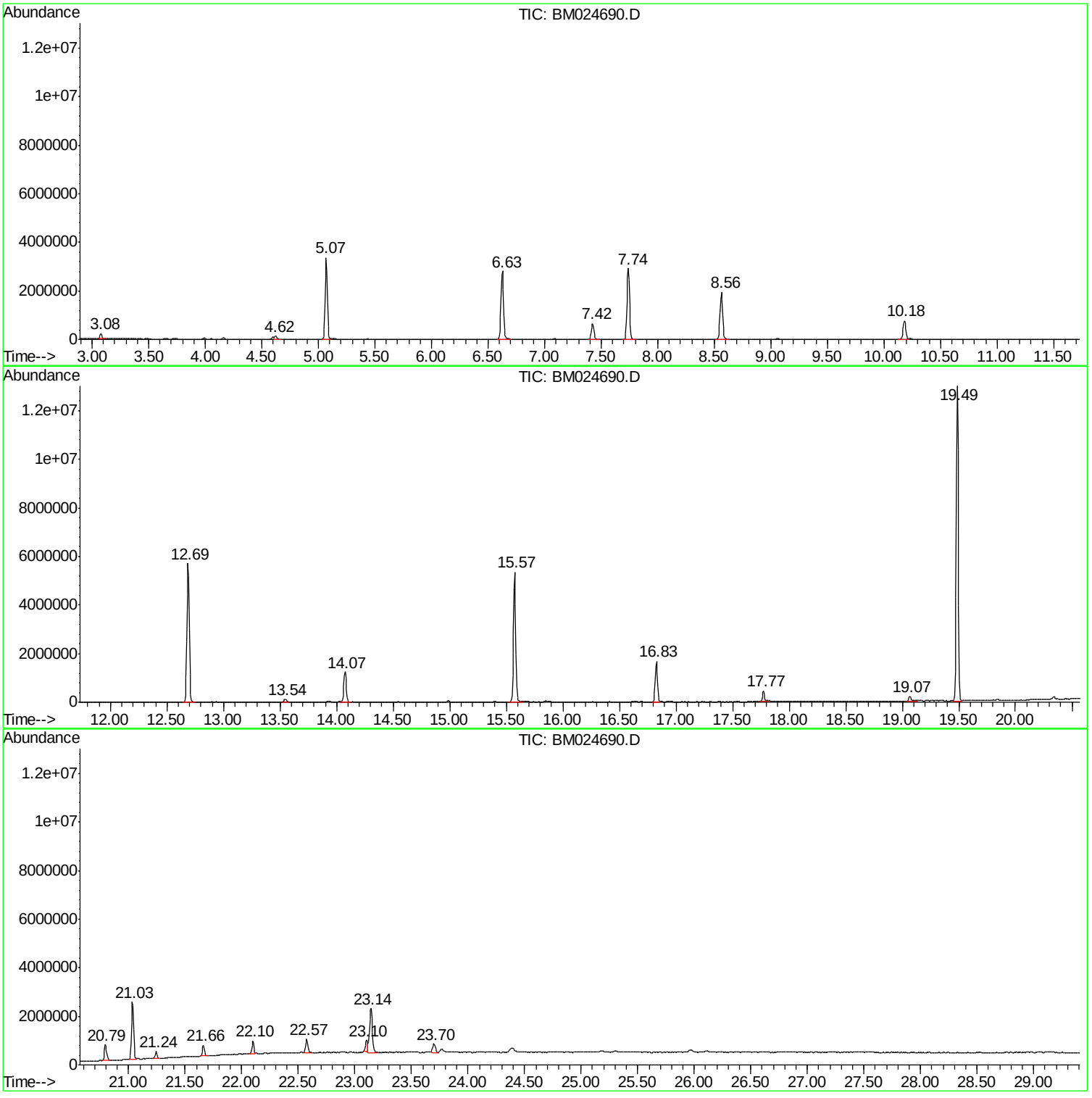
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024690.D
Acq On : 31 Jan 2020 23:58
Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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Data File : BM024690.D
Acq On : 31 Jan 2020 23:58
Operator : CG/JU
Sample : L1309-01
Misc :
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Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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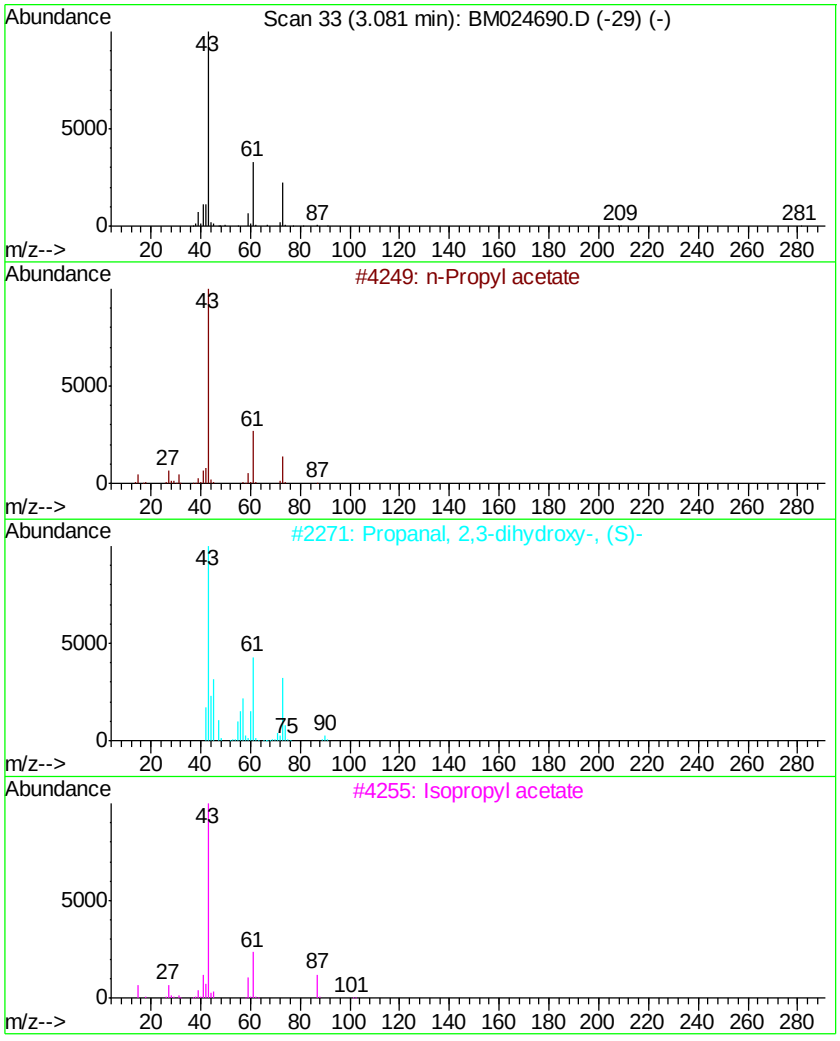
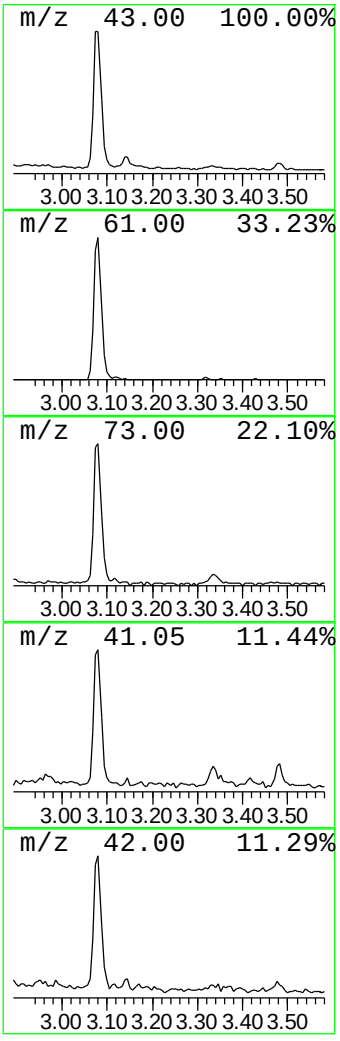
Peak Number 1 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	4.81 ng	239168	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	36
3	Isopropyl acetate	102	C5H10O2	000108-21-4	25
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9
5	1-Propanol, 3-chloro-, acetate	136	C5H9ClO2	000628-09-1	9





Library Search Compound Report

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Data File : BM024690.D
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Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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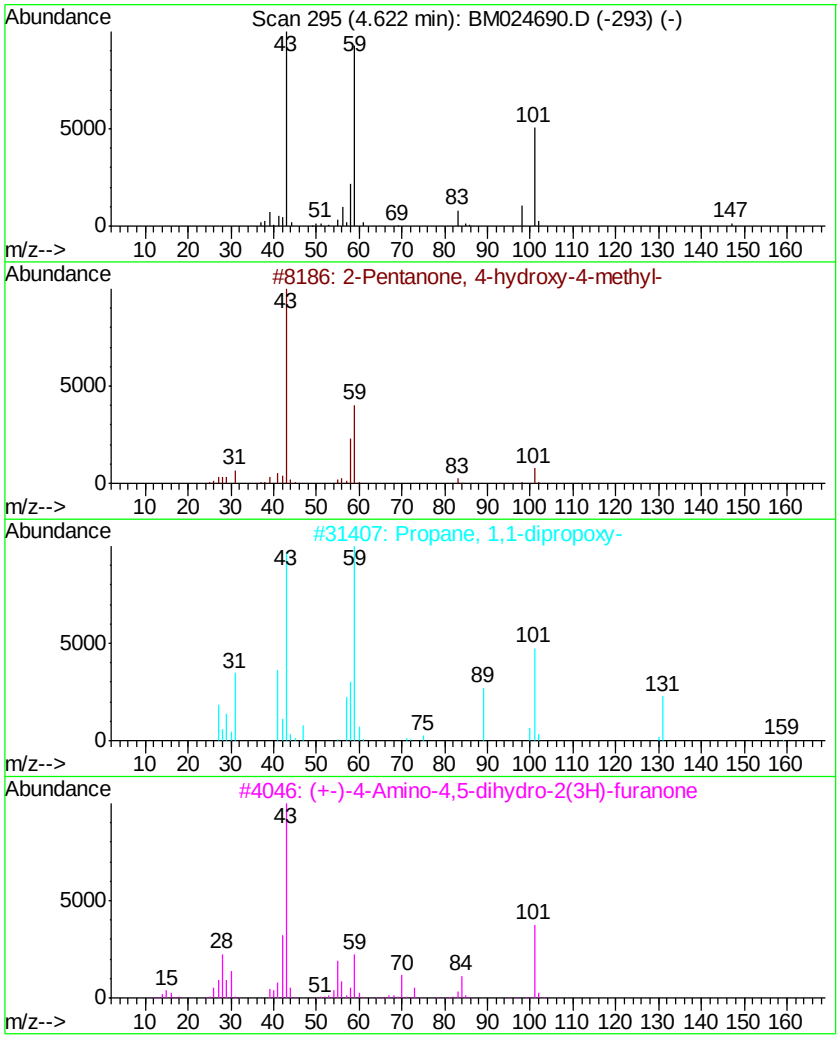
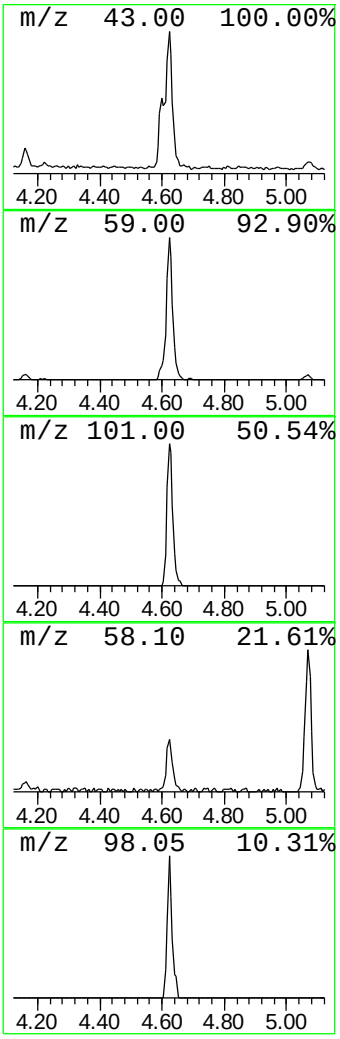
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	3.17 ng	157707	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	40
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
5	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	28





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Data File : BM024690.D
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Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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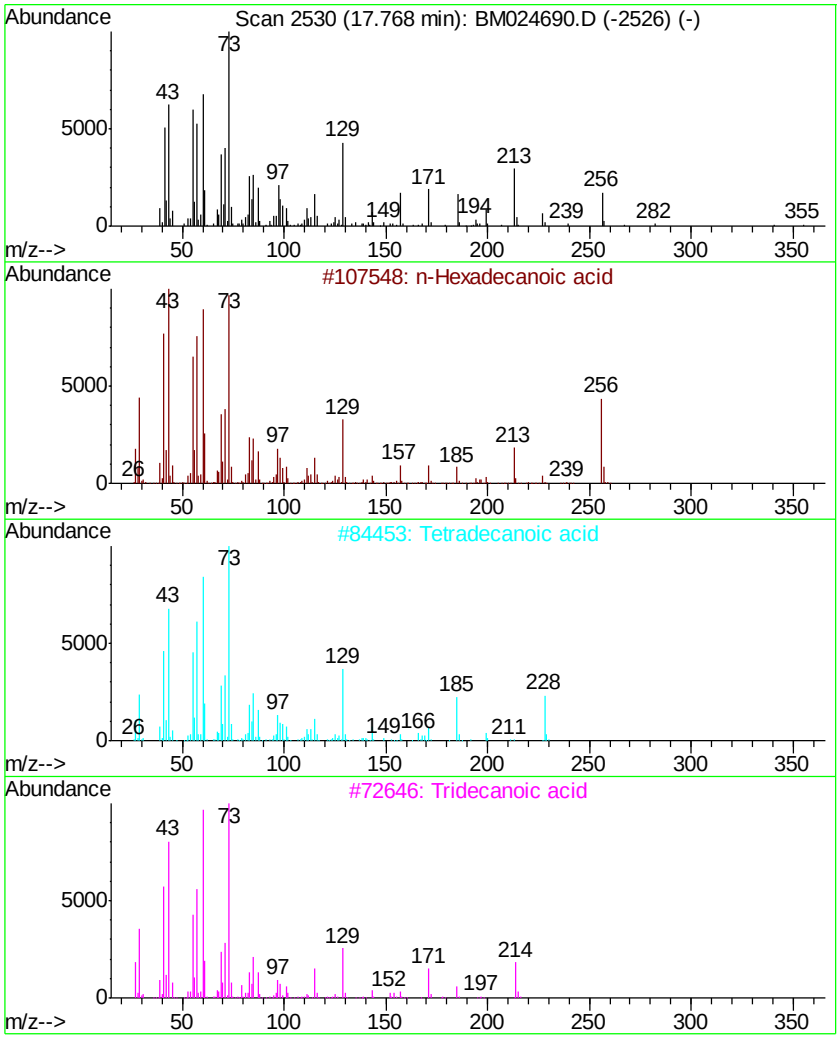
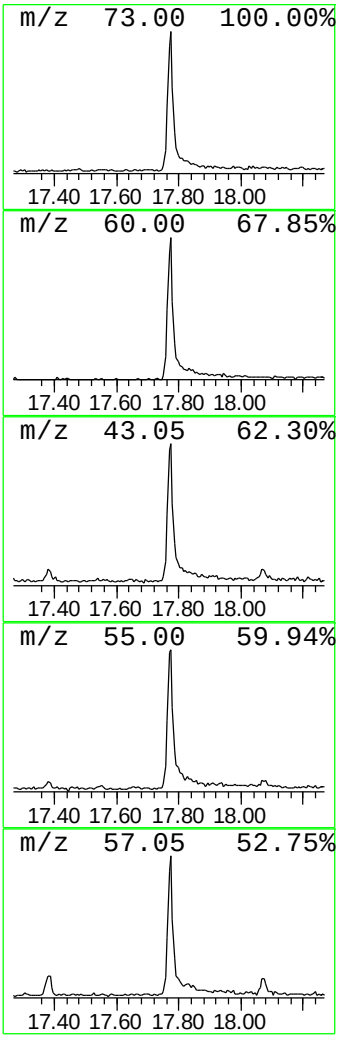
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	5.64 ng	638764	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

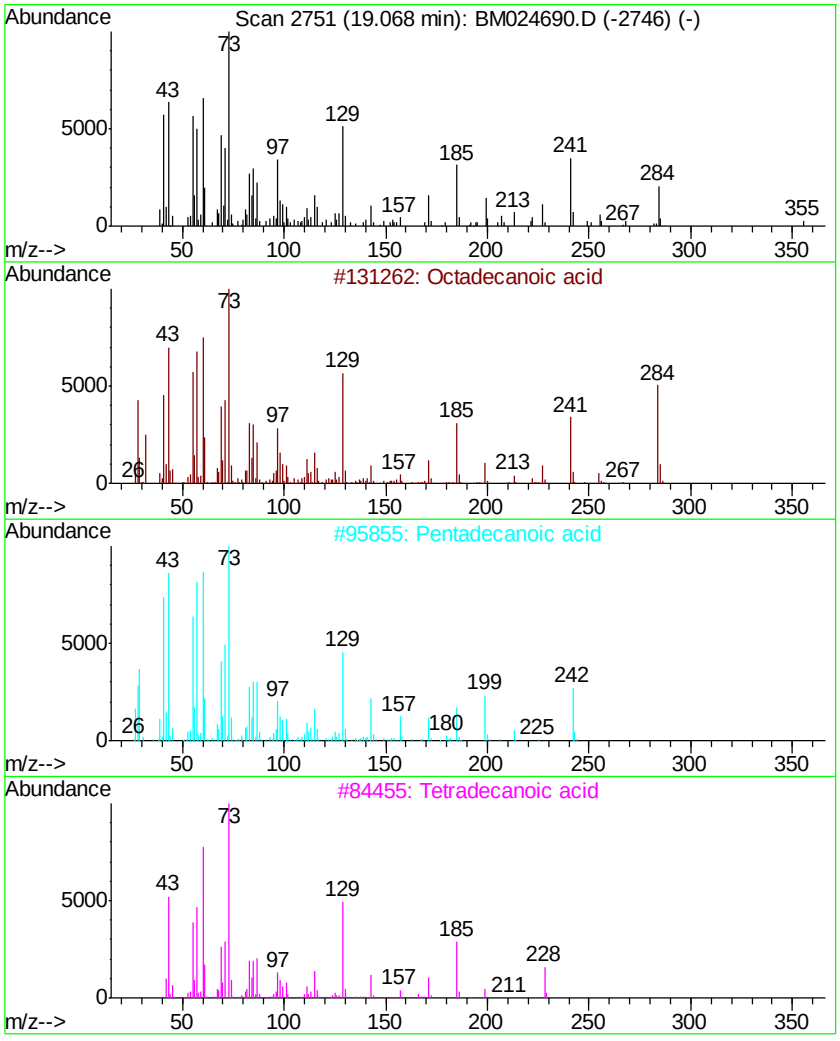
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

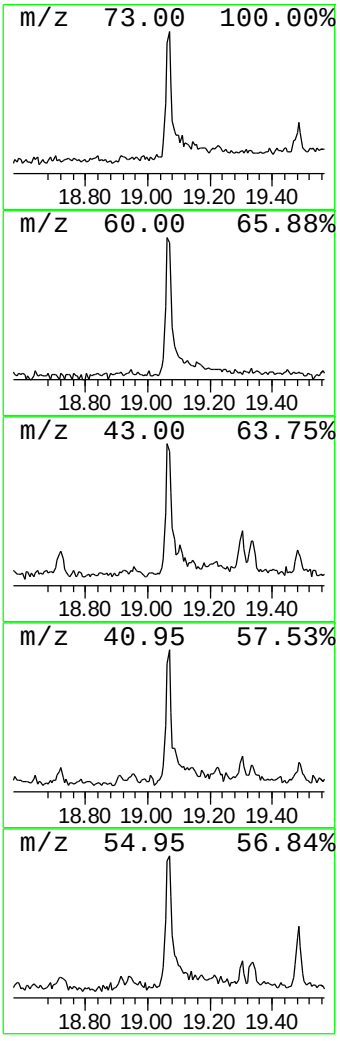
****

Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.21 ng	332965	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	25
5	Undecanoic acid	186	C11H22O2	000112-37-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024690.D
Acq On : 31 Jan 2020 23:58
Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

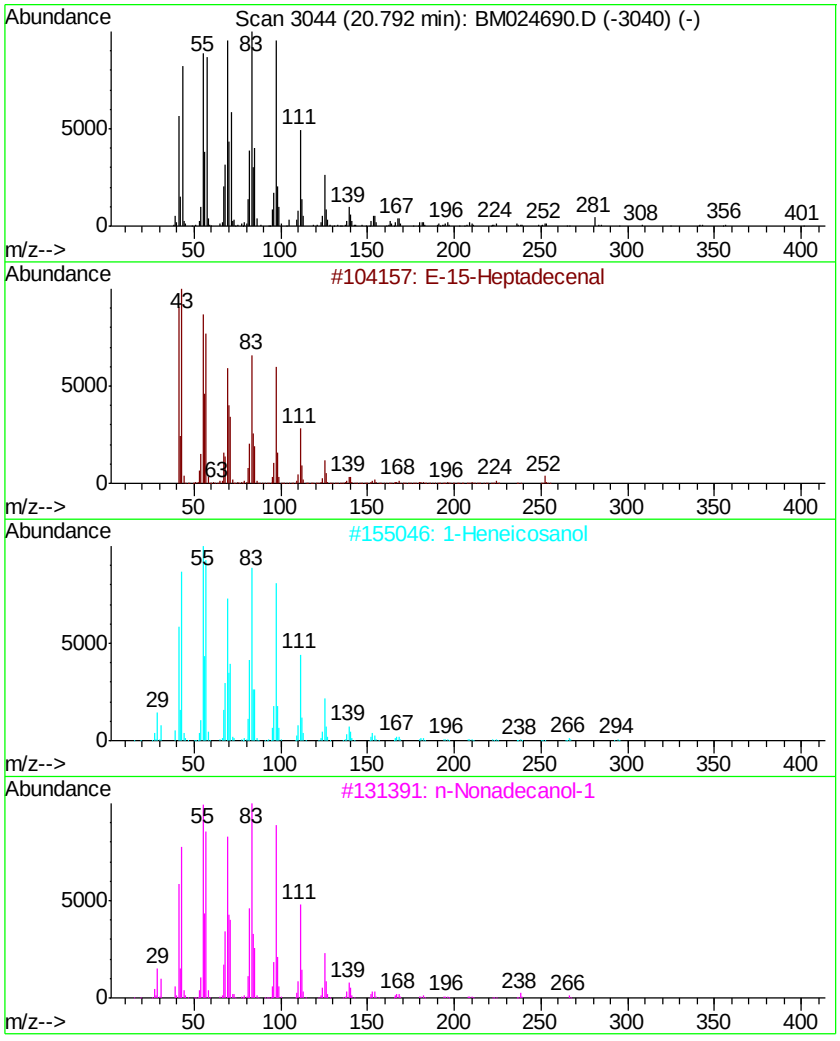
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

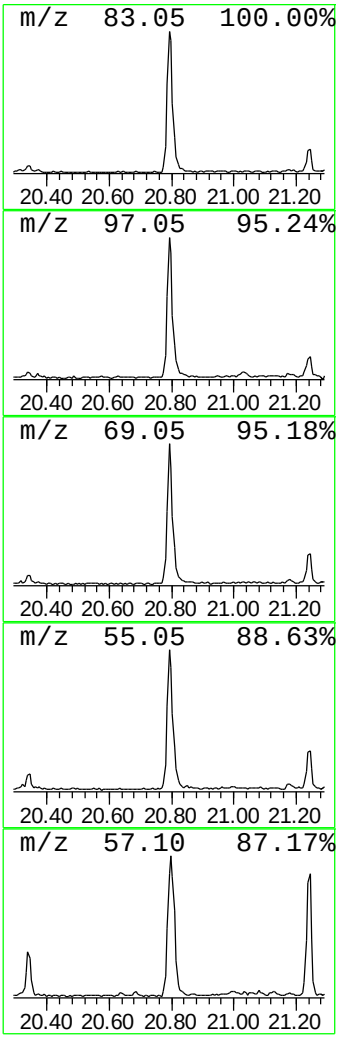
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	6.34 ng	955887	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

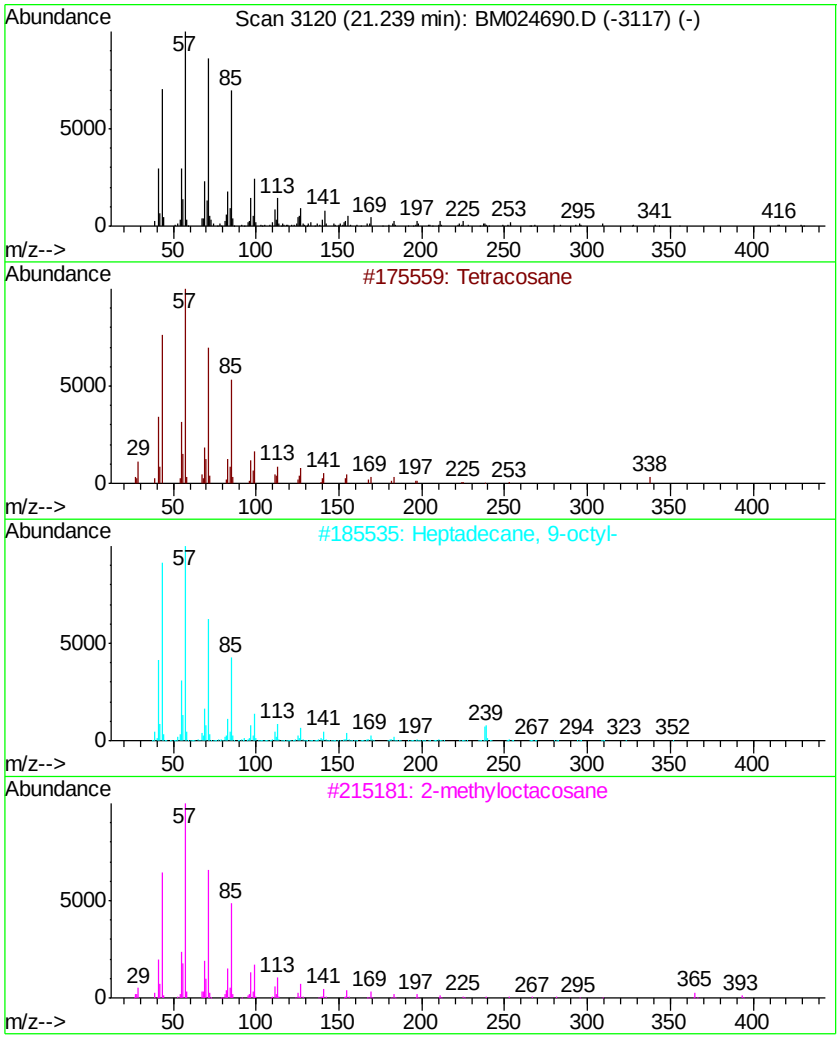
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

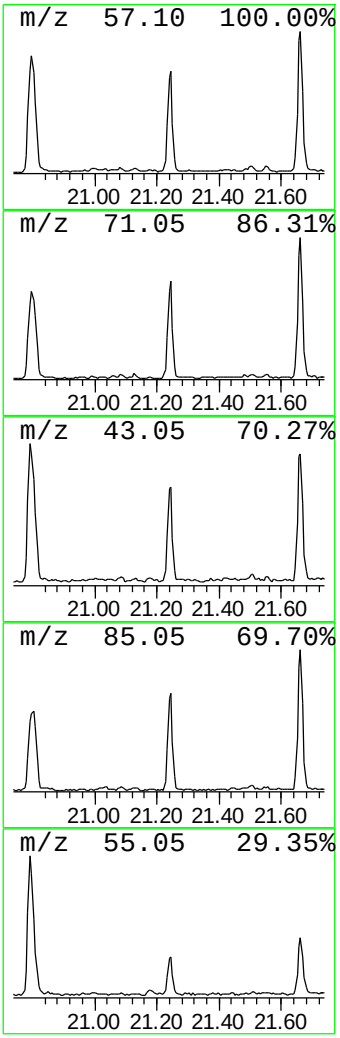
****

Peak Number 7 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.24 ng	338268	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91





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Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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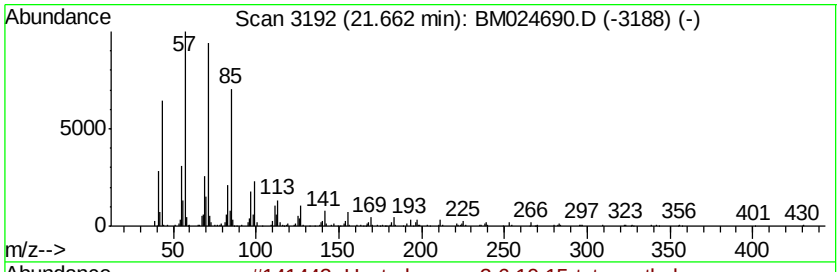
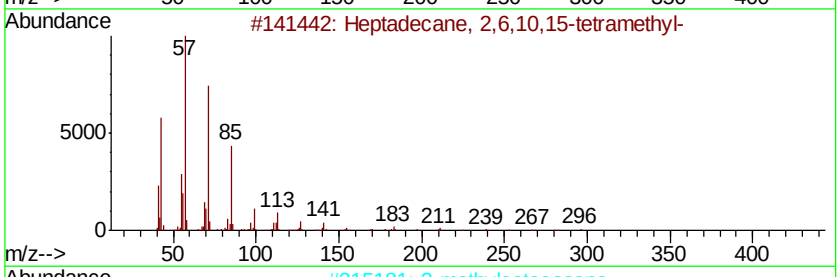
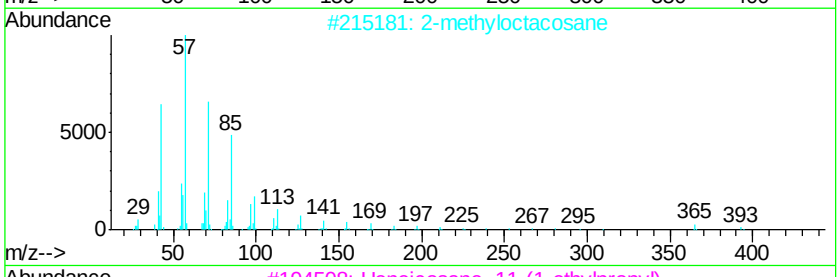
Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

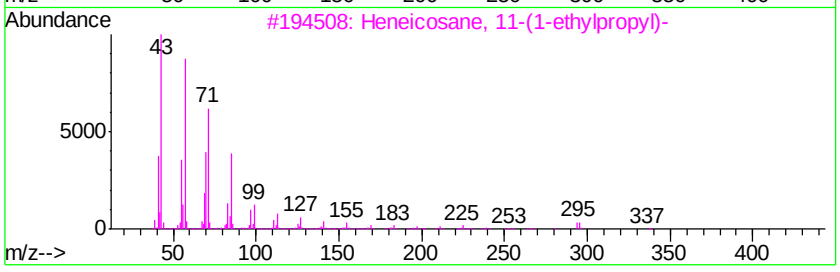
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	3.68 ng	554711	Chrysene-d12	21.03

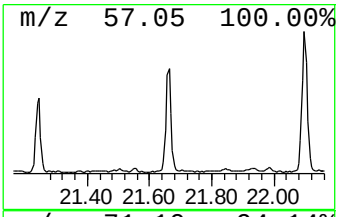
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hentriacontane	437	C31H64	000630-04-6	90

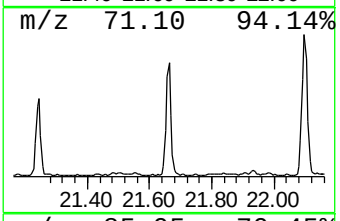


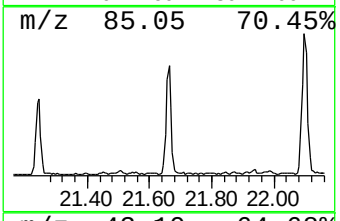


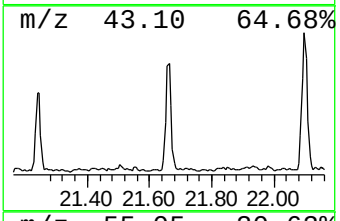


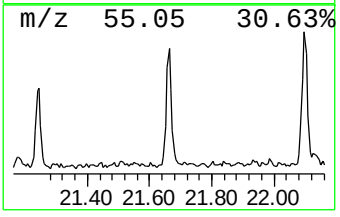












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

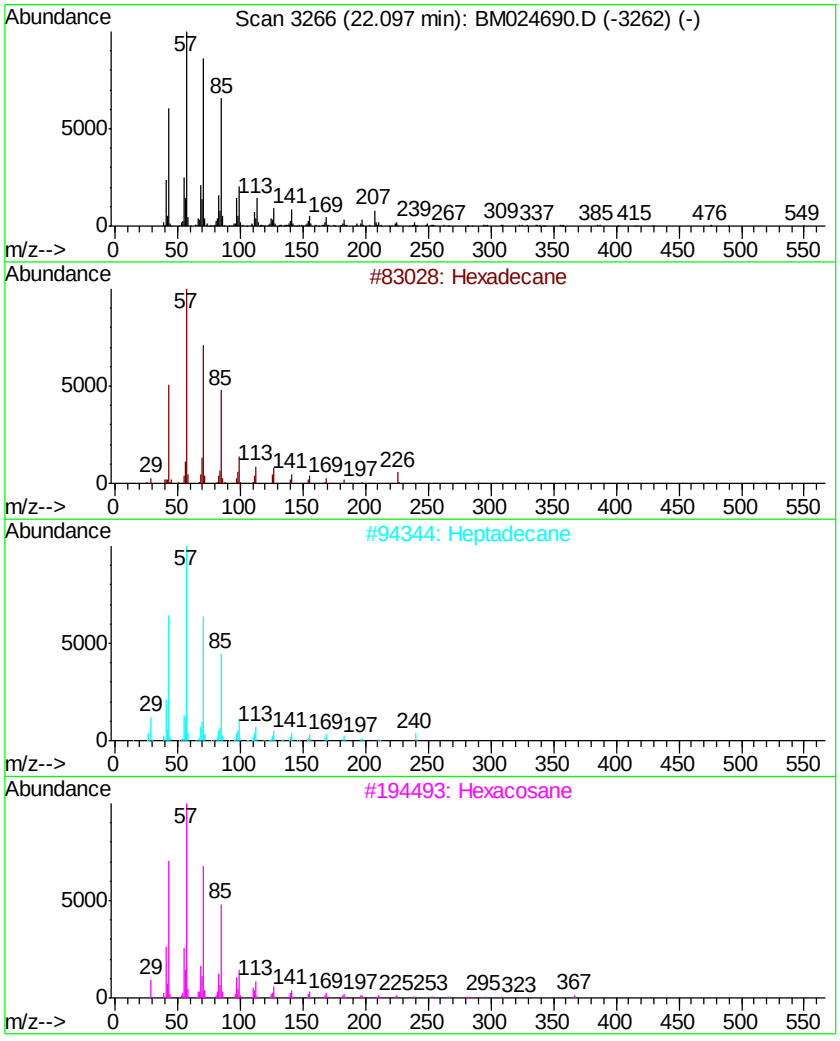
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

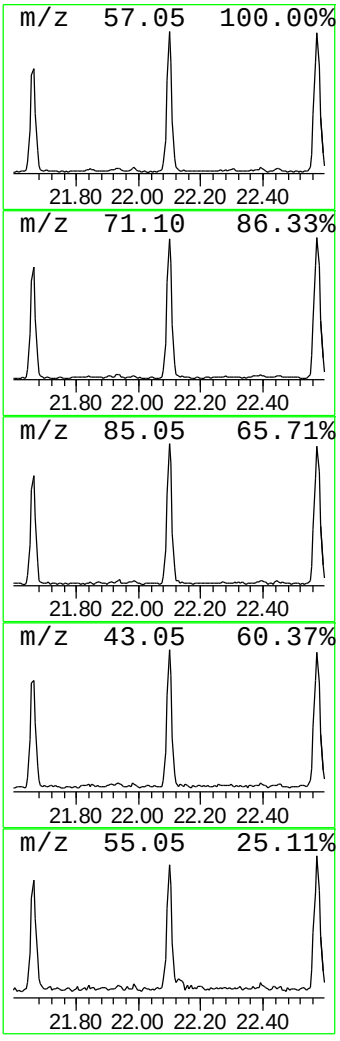
****

Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	4.06 ng	646308	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

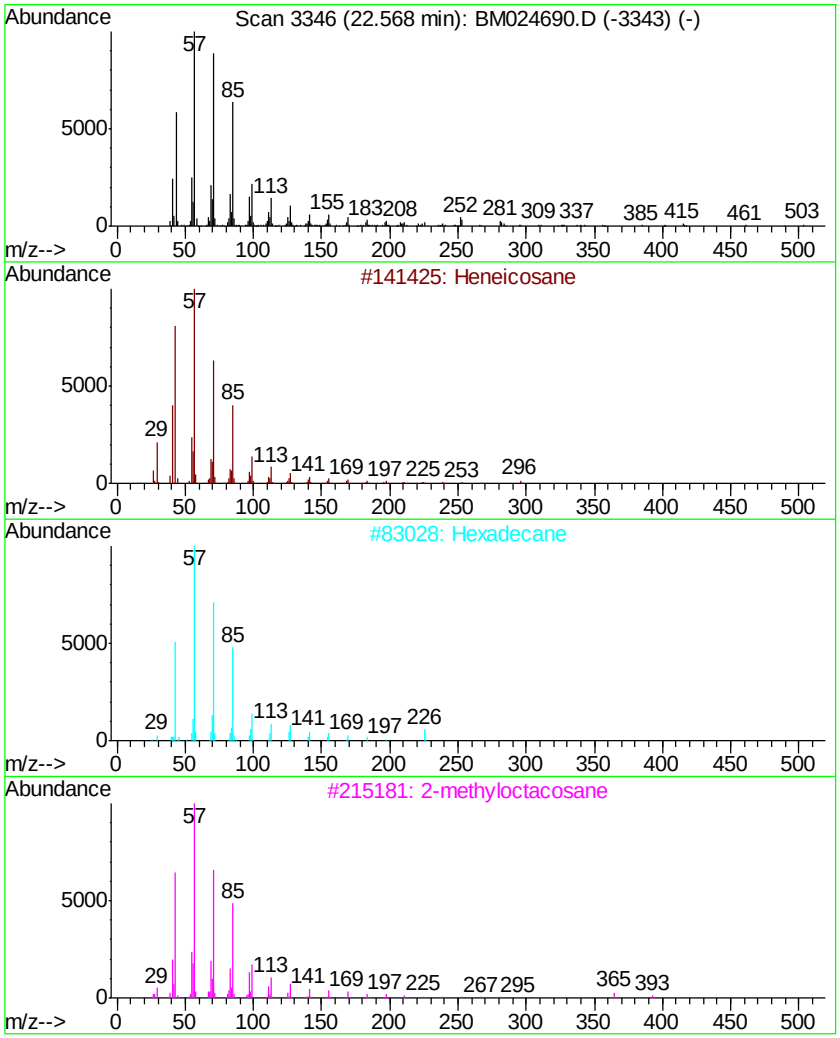
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

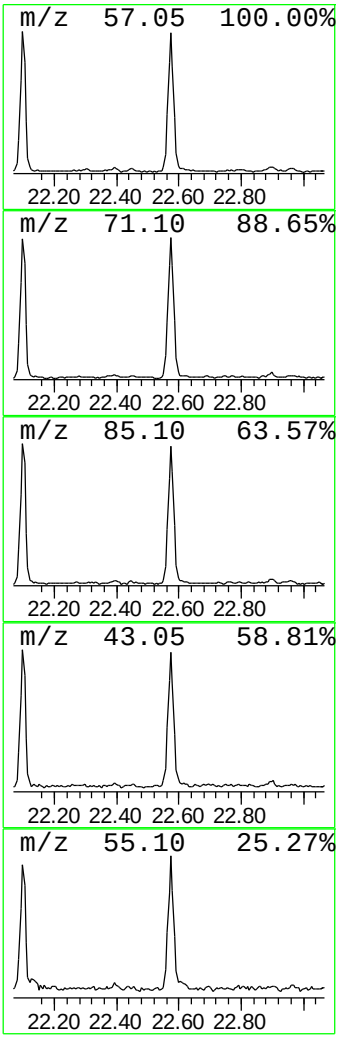
****

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	4.45 ng	707677	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024690.D
Acq On : 31 Jan 2020 23:58
Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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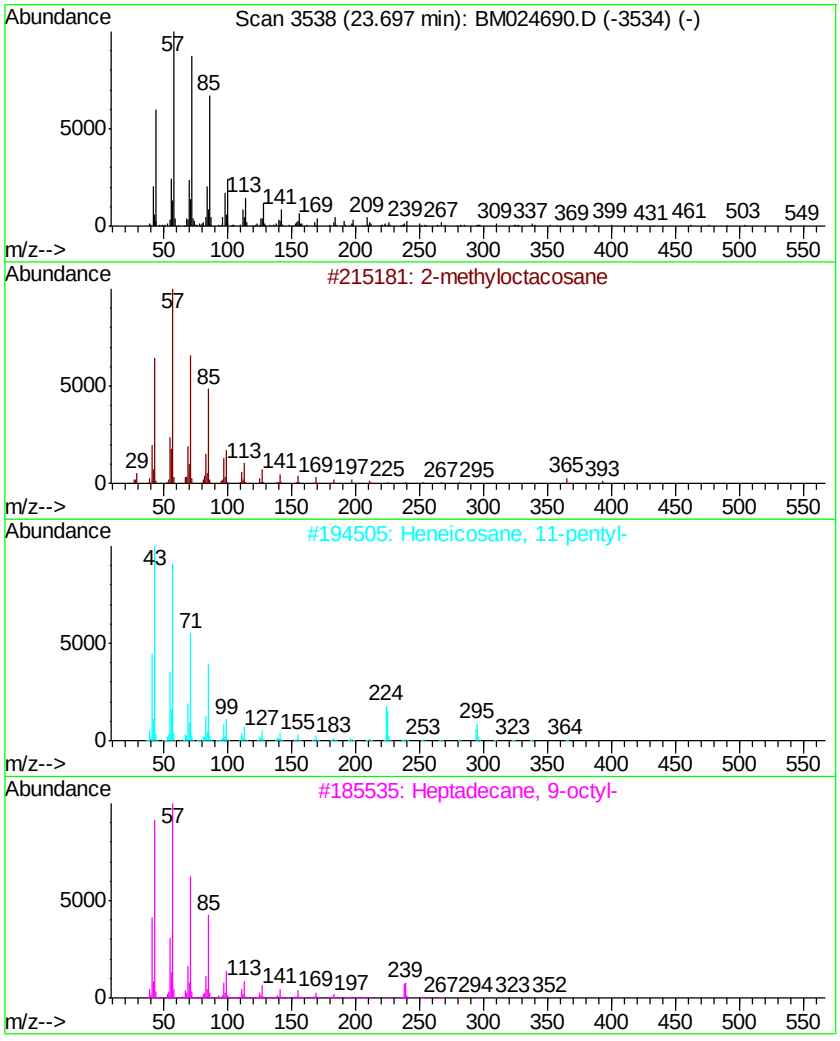
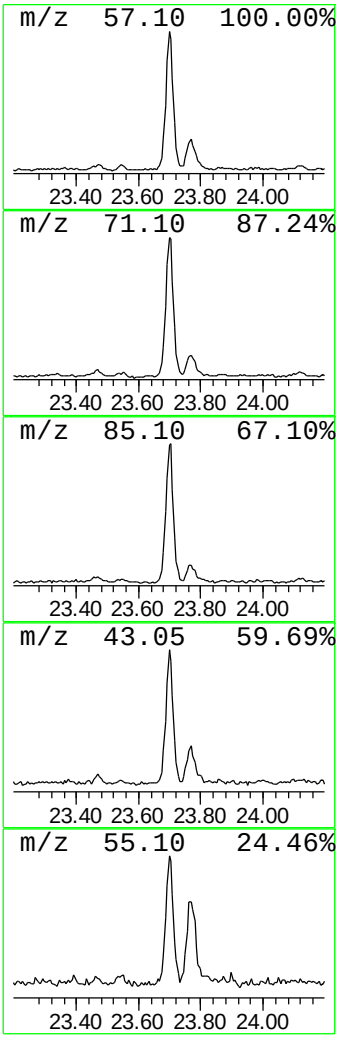
Peak Number 11 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	3.73 ng	593395	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	2-methylhexacosane	380	C27H56	1000376-72-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013120\
Data File : BM024690.D
Acq On : 31 Jan 2020 23:58
Operator : CG/JU
Sample : L1309-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CTY-WC-S-SB-0102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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
n-Propyl acetate	3.08	4.8	ng	239168	1	7.42	995305	20.0
2-Pentanone, 4-hy...	4.62	3.2	ng	157707	1	7.42	995305	20.0
n-Hexadecanoic acid	17.77	5.6	ng	638764	4	16.83	2263340	20.0
Octadecanoic acid	19.07	2.2	ng	332965	5	21.03	3016570	20.0
E-15-Heptadecenal	20.79	6.3	ng	955887	5	21.03	3016570	20.0
Tetracosane	21.24	2.2	ng	338268	5	21.03	3016570	20.0
Heptadecane, 2,6,...	21.66	3.7	ng	554711	5	21.03	3016570	20.0
Hexadecane	22.10	4.1	ng	646308	6	23.14	3180890	20.0
Heneicosane	22.57	4.5	ng	707677	6	23.14	3180890	20.0
2-methyloctacosane	23.70	3.7	ng	593395	6	23.14	3180890	20.0