LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118641.D
Acq On : 21 Jan 2020 19:10
Operator : CG/JU
Sample : PB126243BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126243BL

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_F\METHODS\8270-BF012020.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	2.169	7	14	21	rBV	6297392	8659315	60.48%	9.961%
2	5.087	504	510	519	rBV2	188780	229303	1.60%	0.264%
3	5.492	575	579	583	rBV	4280560	3971671	27.74%	4.569%
4	6.492	745	749	752	rBV	2876670	2400940	16.77%	2.762%
5	6.875	811	814	818	rBV	2516307	2283003	15.94%	2.626%
6	7.039	837	842	845	rBV	8530621	8013958	55.97%	9.219%
7	7.439	904	910	913	rBV	6329657	6532519	45.62%	7.514%
8	8.163	1028	1033	1036	rBV	3107888	2984526	20.84%	3.433%
9	9.239	1210	1216	1219	rBV	12522292	12278096	85.75%	14.124%
10	9.916	1327	1331	1334	rBV	4563005	3688102	25.76%	4.242%
11	10.704	1460	1465	1468	rBV	8579259	8471320	59.16%	9.745%
12	11.398	1579	1583	1587	rBV	4311847	3913484	27.33%	4.502%
13	11.469	1590	1595	1598	rVB2	223327	196087	1.37%	0.226%
14	12.992	1848	1854	1857	rBV	12818337	14318807	100.00%	16.471%
15	14.033	2027	2031	2035	rBV	3517755	3294945	23.01%	3.790%
16	14.204	2056	2060	2064	rBV	175320	159574	1.11%	0.184%
17	14.509	2108	2112	2116	rBV	359136	330970	2.31%	0.381%
18	14.815	2159	2164	2171	rBV	485995	537086	3.75%	0.618%
19	15.156	2218	2222	2229	rVB	517178	611817	4.27%	0.704%
20	15.504	2276	2281	2285	rBV	1963672	2510627	17.53%	2.888%
21	15.545	2285	2288	2296	rVB	496587	641310	4.48%	0.738%
22	15.986	2358	2363	2371	rVB	356526	550628	3.85%	0.633%
23	16.498	2444	2450	2457	rBV	200431	354953	2.48%	0.408%

Sum of corrected areas: 86933041

LSC Report - Integrated Chromatogram

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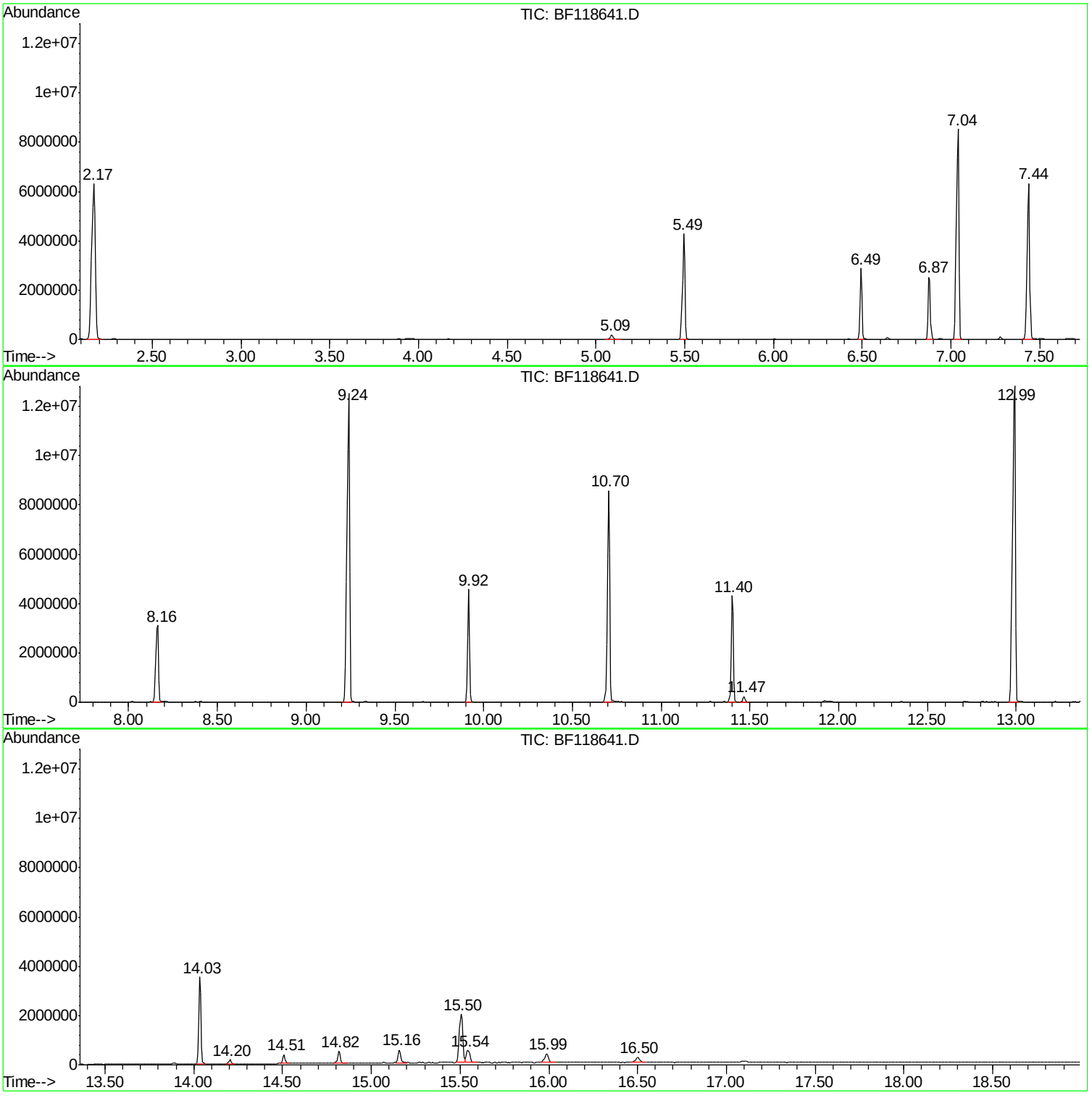
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126243BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118641.D
Acq On : 21 Jan 2020 19:10
Operator : CG/JU
Sample : PB126243BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126243BL

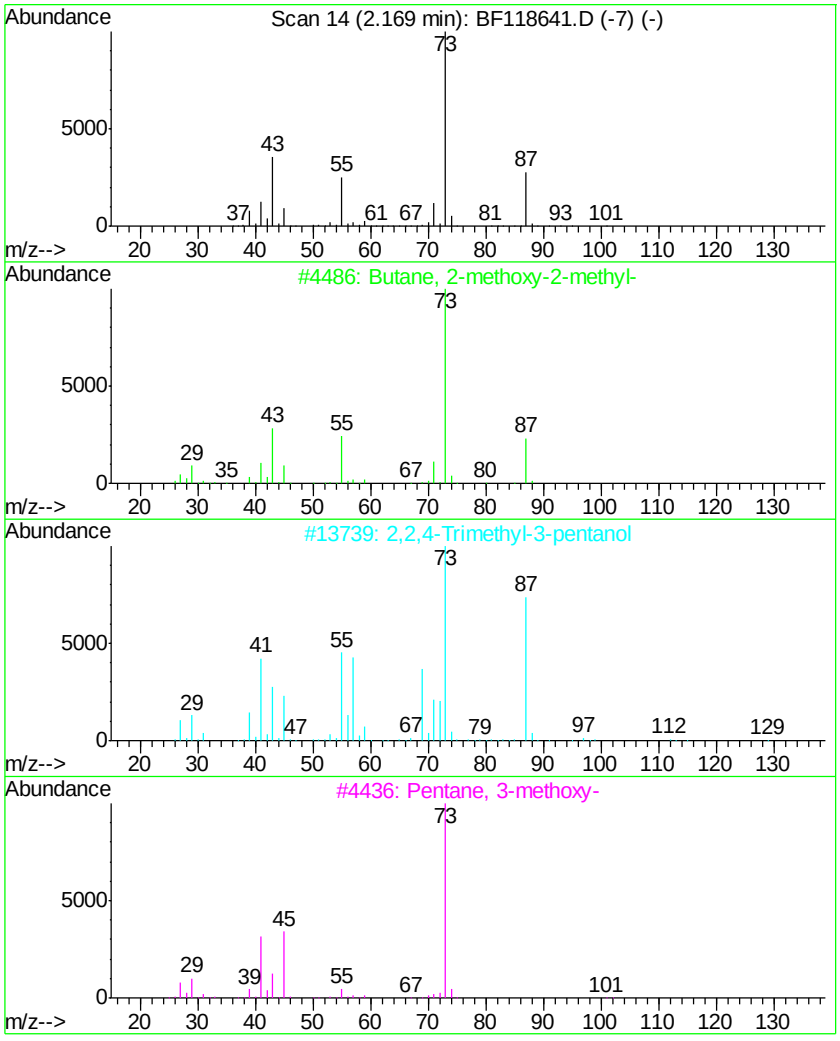
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

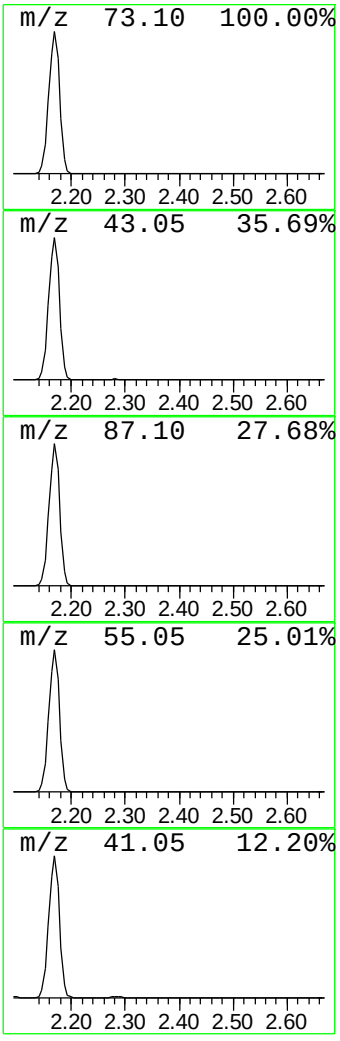
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	75.86 ng	8659320	1,4-Dichlorobenzene-d4	6.88

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Acq On : 21 Jan 2020 19:10
Operator : CG/JU
Sample : PB126243BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126243BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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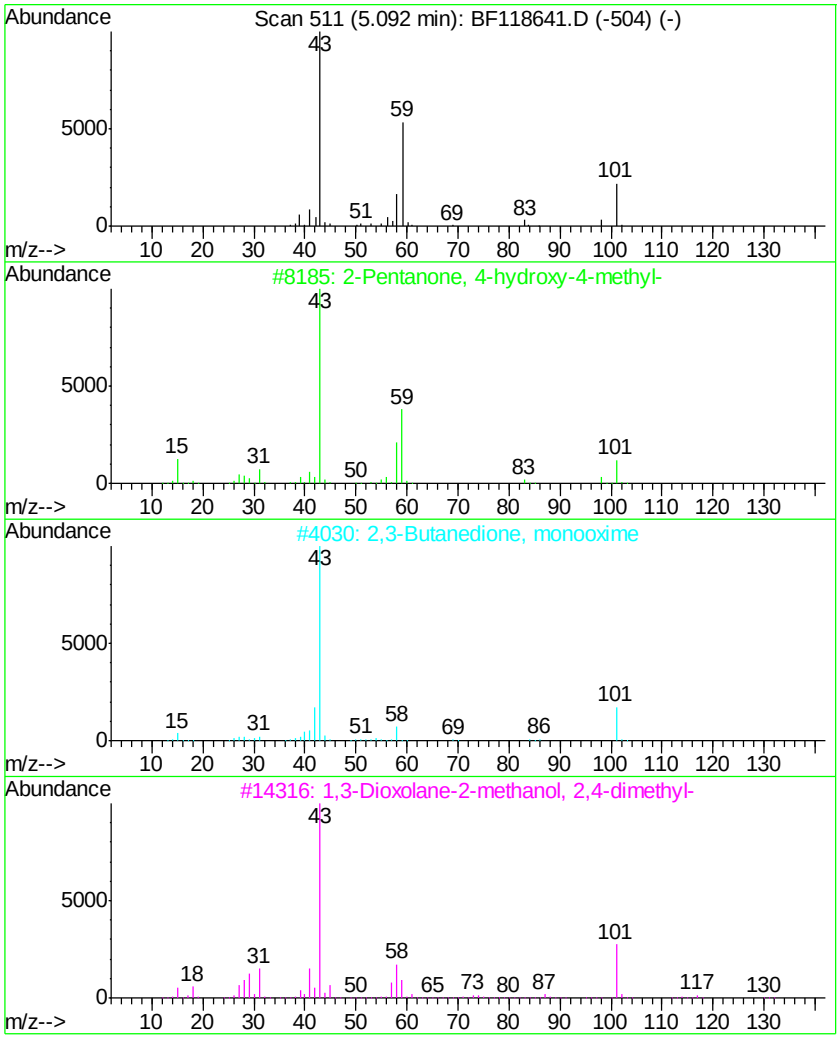
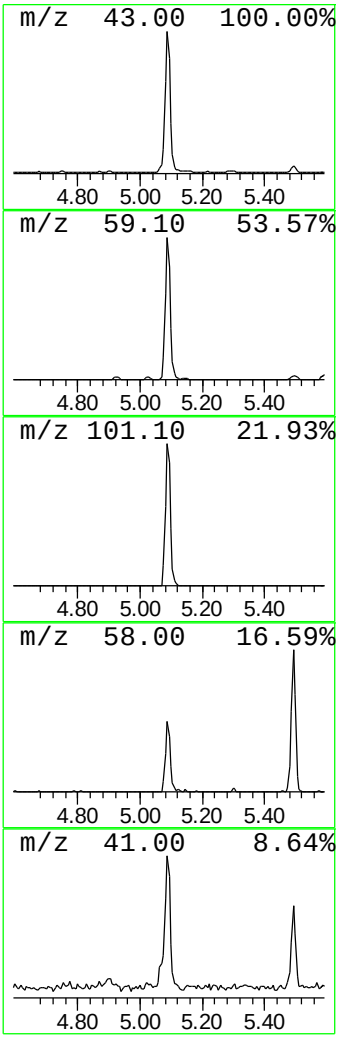
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	2.01 ng	229303	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Library Search Compound Report

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Data File : BF118641.D
Acq On : 21 Jan 2020 19:10
Operator : CG/JU
Sample : PB126243BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126243BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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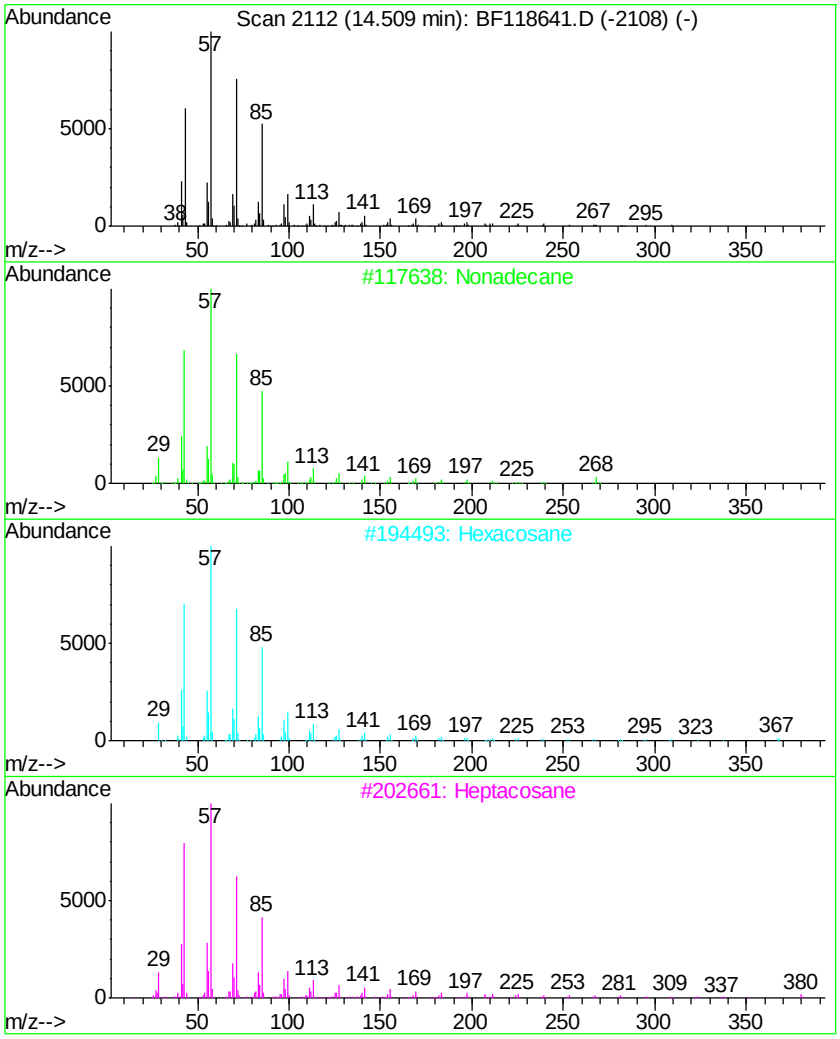
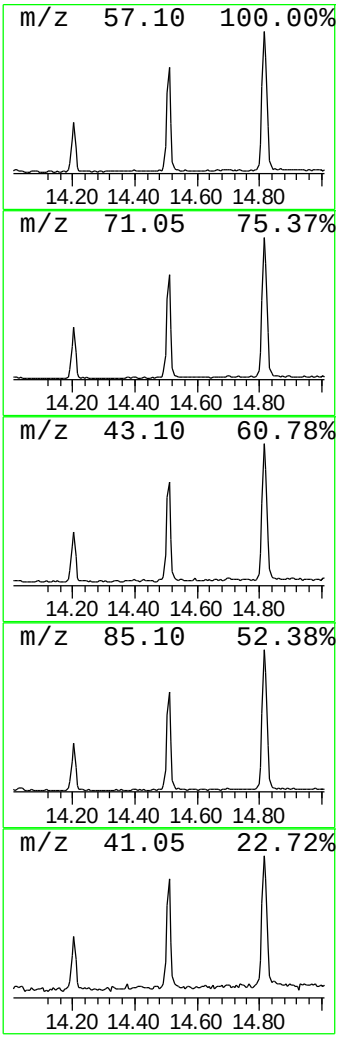
Peak Number 4 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.01 ng	330970	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91





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Data File : BF118641.D
Acq On : 21 Jan 2020 19:10
Operator : CG/JU
Sample : PB126243BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126243BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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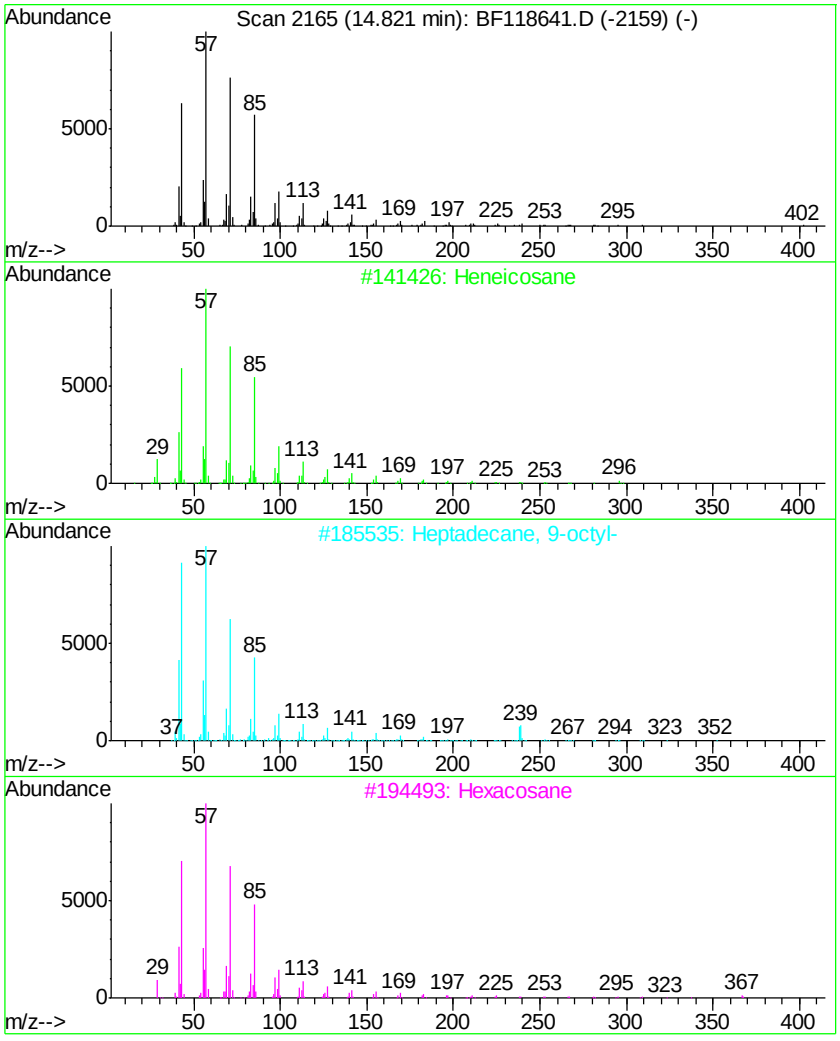
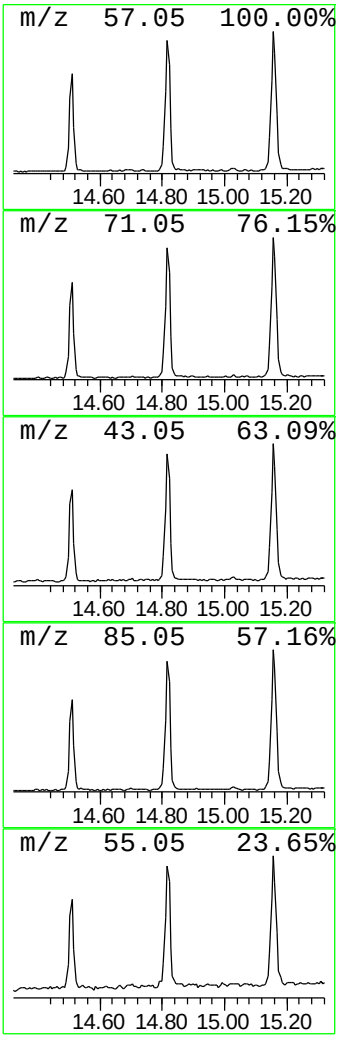
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.28 ng	537086	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Acq On : 21 Jan 2020 19:10
Operator : CG/JU
Sample : PB126243BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126243BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

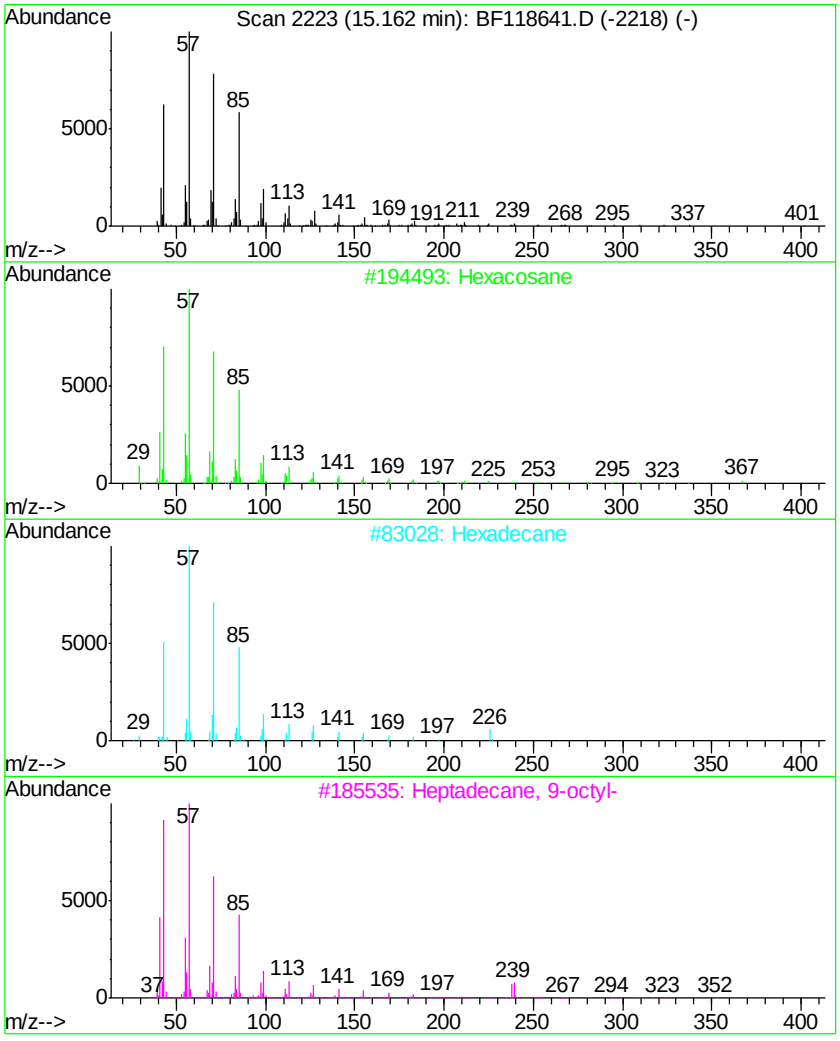
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

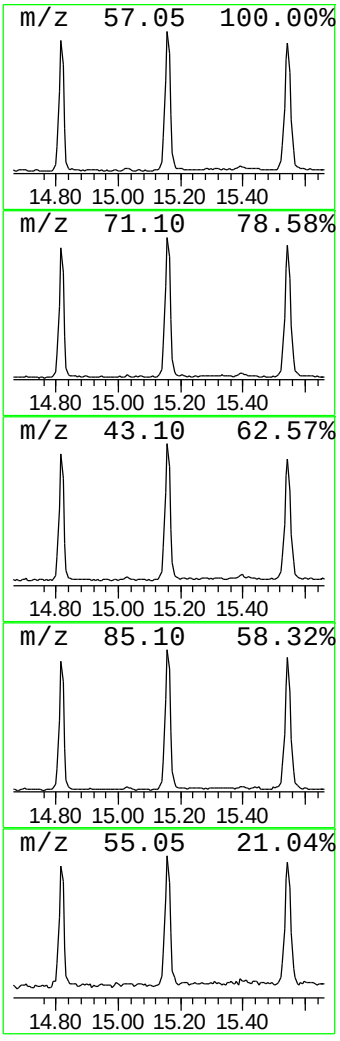
****

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.87 ng	611817	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Octacosane	394	C28H58	000630-02-4	91





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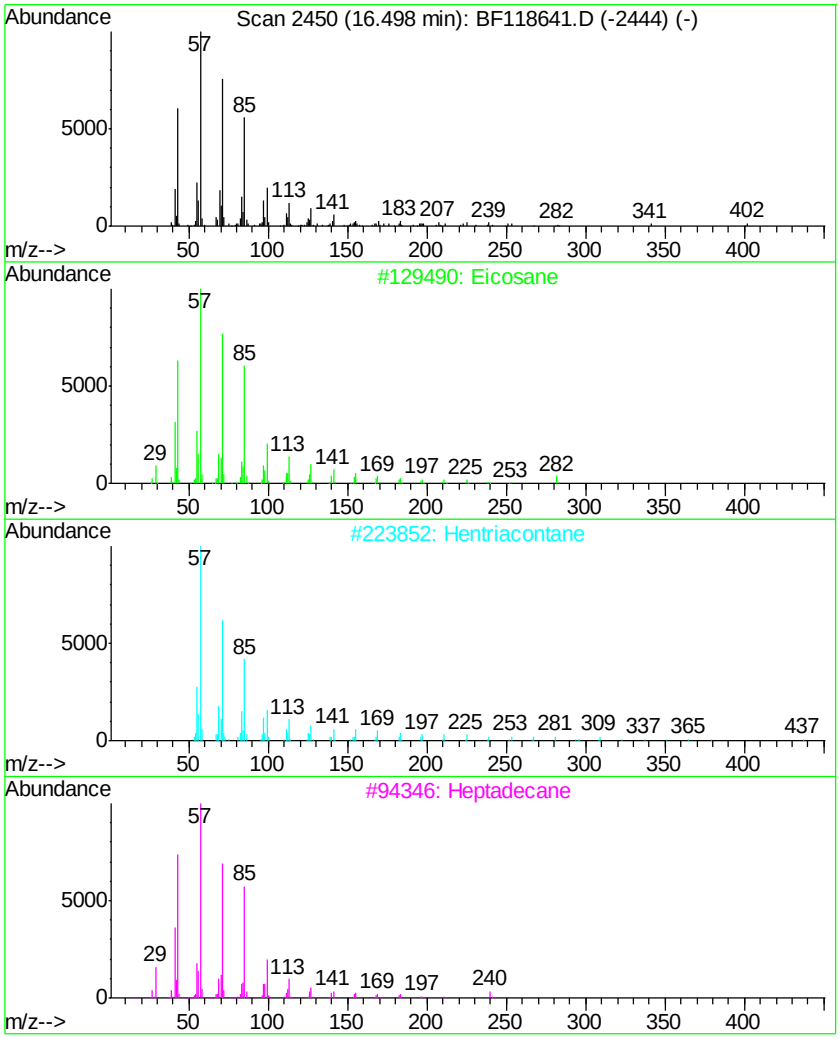
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

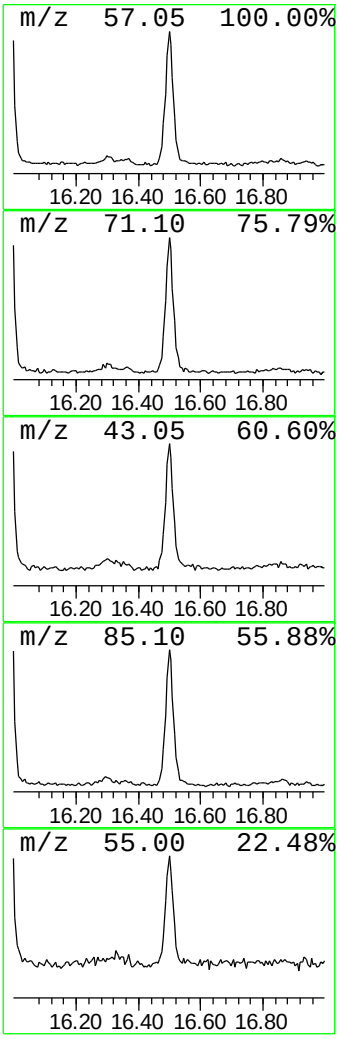
****

Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.83 ng	354953	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	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
Butane, 2-methoxy...	2.17	75.9	ng	8659320	1	6.88	2283000	20.0
2-Pentanone, 4-hy...	5.09	2.0	ng	229303	1	6.88	2283000	20.0
Nonadecane	14.51	2.0	ng	330970	5	14.03	3294950	20.0
Heneicosane	14.82	4.3	ng	537086	6	15.50	2510630	20.0
Hexacosane	15.16	4.9	ng	611817	6	15.50	2510630	20.0
Eicosane	16.50	2.8	ng	354953	6	15.50	2510630	20.0