LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115987.D
Acq On : 5 Aug 2019 18:41
Operator : HP/JU
Sample : K4156-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3456

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-BF073019.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	2.140	3	9	21	rVB	930882	1307320	27.80%	3.532%
2	5.475	571	576	593	rBV	3199079	3502430	74.47%	9.461%
3	6.481	742	747	750	rBV	3296080	3592734	76.39%	9.705%
4	6.616	766	770	773	rBV	3818549	3693506	78.53%	9.978%
5	6.839	805	808	819	rBV	836098	792646	16.85%	2.141%
6	6.998	831	835	848	rBV	3129485	2995368	63.69%	8.092%
7	7.404	899	904	907	rBV	2416703	2356440	50.10%	6.366%
8	8.122	1022	1026	1045	rBV	1066111	997616	21.21%	2.695%
9	9.198	1204	1209	1212	rBV	4385734	4331817	92.10%	11.702%
10	9.592	1272	1276	1289	rBV	233032	243960	5.19%	0.659%
11	9.874	1320	1324	1340	rVB	1290551	1179512	25.08%	3.186%
12	10.668	1454	1459	1475	rBV	2550428	2637521	56.08%	7.125%
13	11.363	1573	1577	1585	rBV	1309749	1226106	26.07%	3.312%
14	12.668	1795	1799	1812	rBV2	31607	72646	1.54%	0.196%
15	12.951	1841	1847	1850	rBV	4276709	4703145	100.00%	12.705%
16	13.857	1995	2001	2017	rBV4	117449	392895	8.35%	1.061%
17	14.004	2022	2026	2037	rVB	1042173	1099995	23.39%	2.972%
18	14.462	2099	2104	2107	rBV2	86771	89573	1.90%	0.242%
19	14.762	2151	2155	2165	rBV	141360	146480	3.11%	0.396%
20	15.098	2207	2212	2223	rVB	177410	218324	4.64%	0.590%
21	15.462	2269	2274	2290	rBV2	721514	1099385	23.38%	2.970%
22	15.898	2342	2348	2359	rBV	134351	220220	4.68%	0.595%
23	16.398	2427	2433	2441	rBV	65039	118448	2.52%	0.320%

Sum of corrected areas: 37018087

LSC Report - Integrated Chromatogram

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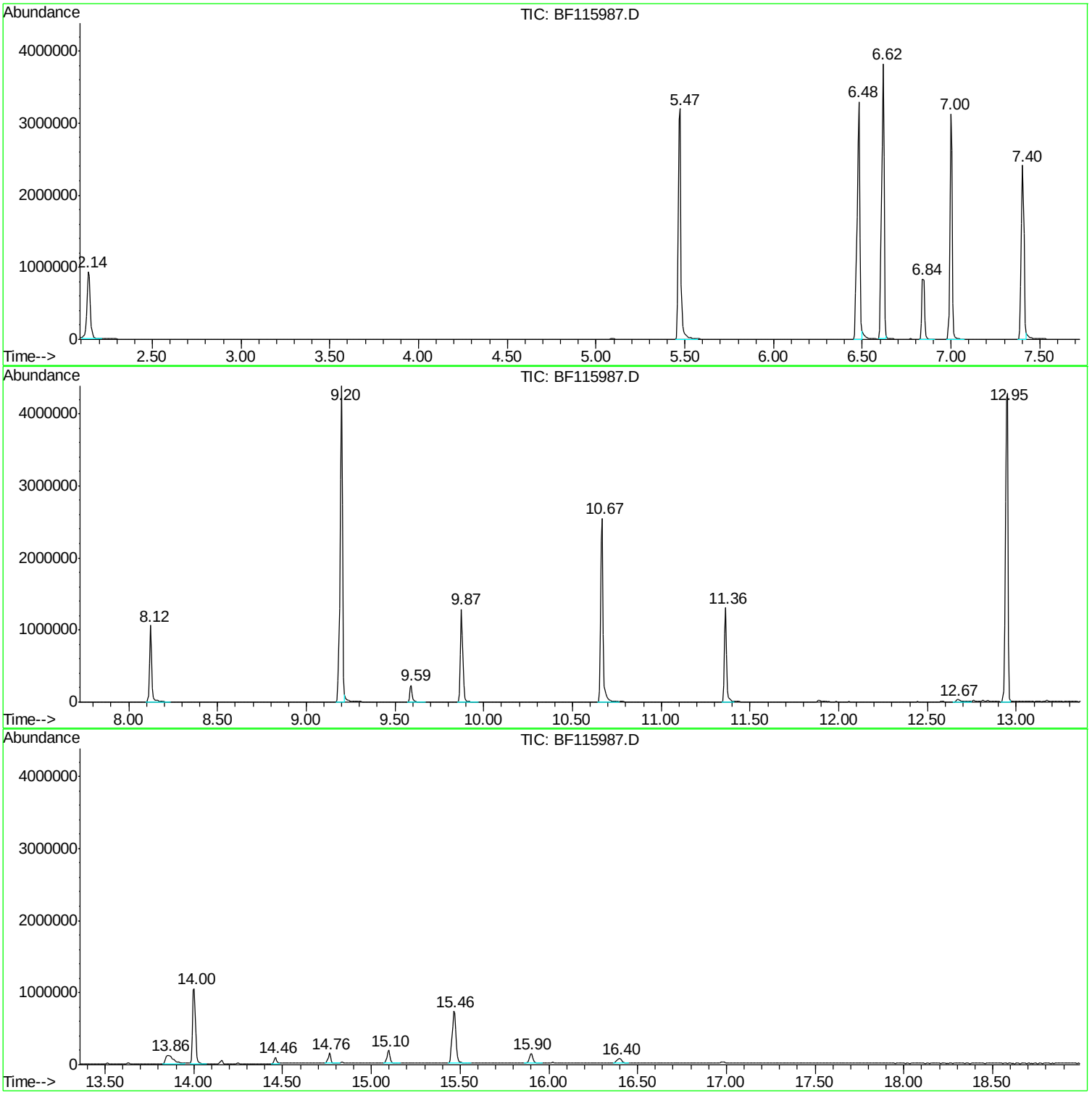
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3456

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF080519\
Data File : BF115987.D
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Operator : HP/JU
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Instrument : BNA_F
ClientSampleId : RT3456

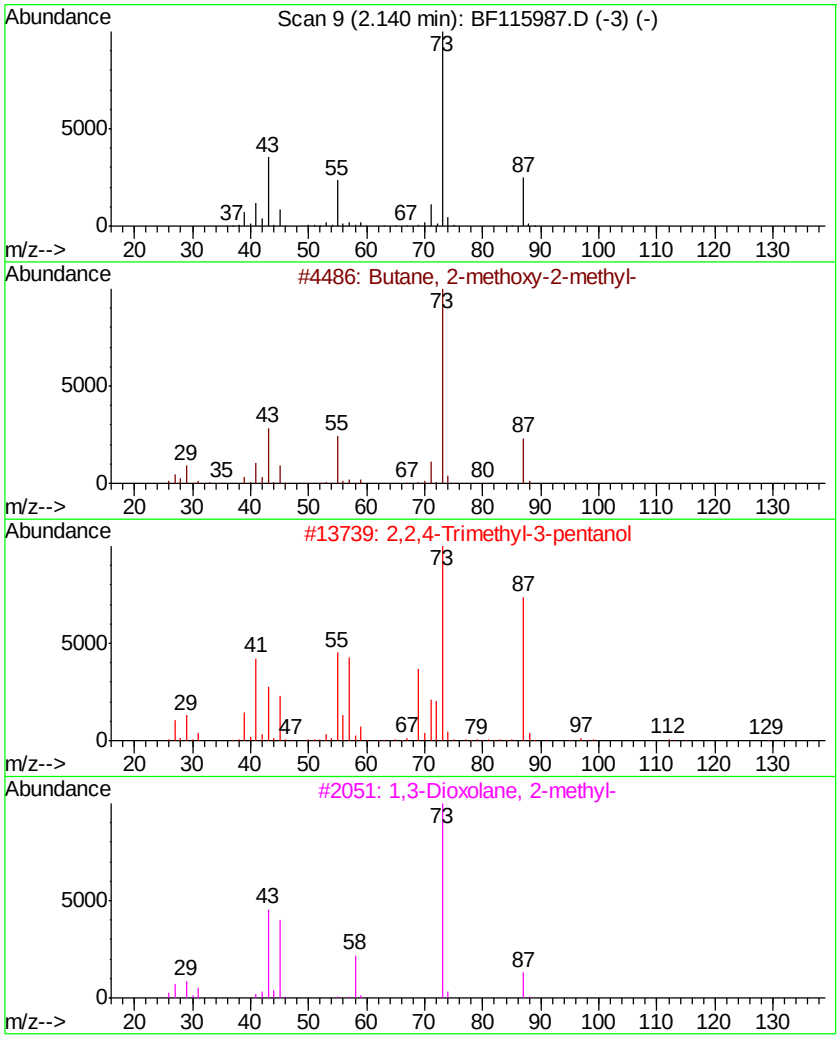
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

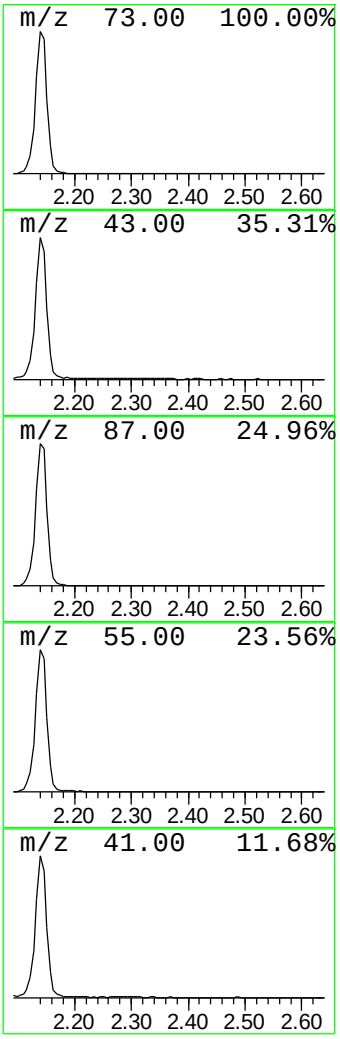
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	32.99 ng	1307320	1,4-Dichlorobenzene-d4	6.85

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Misc :
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Instrument : BNA_F
ClientSampleId : RT3456

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

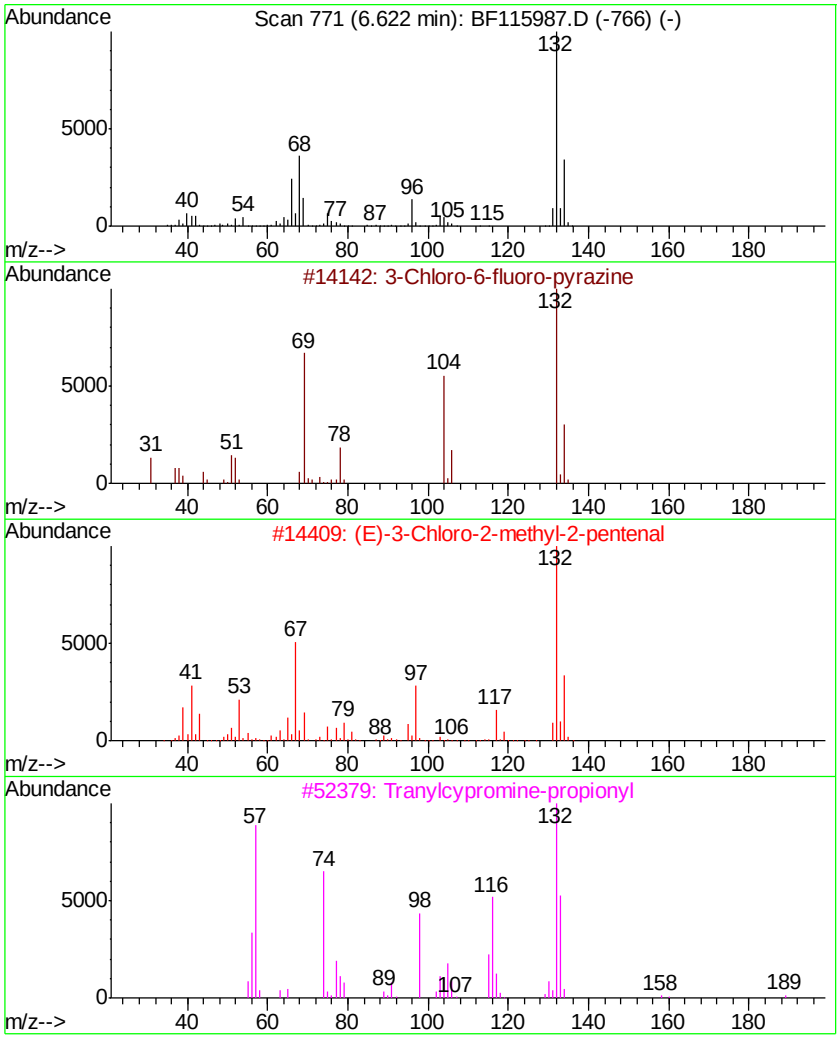
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

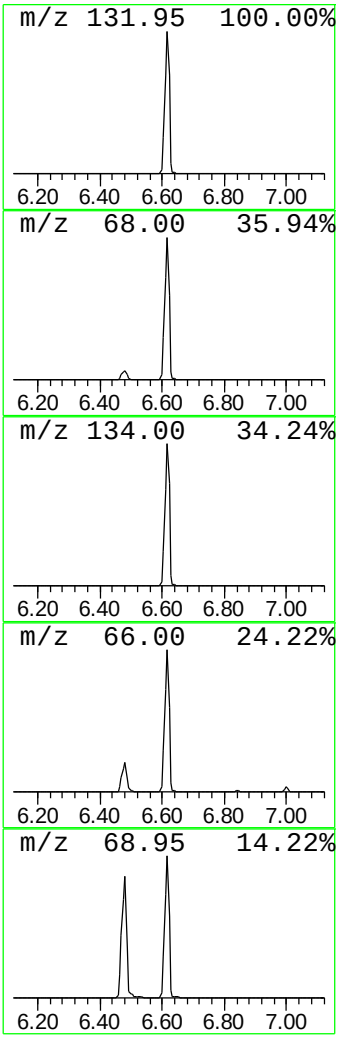
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	93.19 ng	3693510	1,4-Dichlorobenzene-d4	6.85

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115987.D
Acq On : 5 Aug 2019 18:41
Operator : HP/JU
Sample : K4156-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3456

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

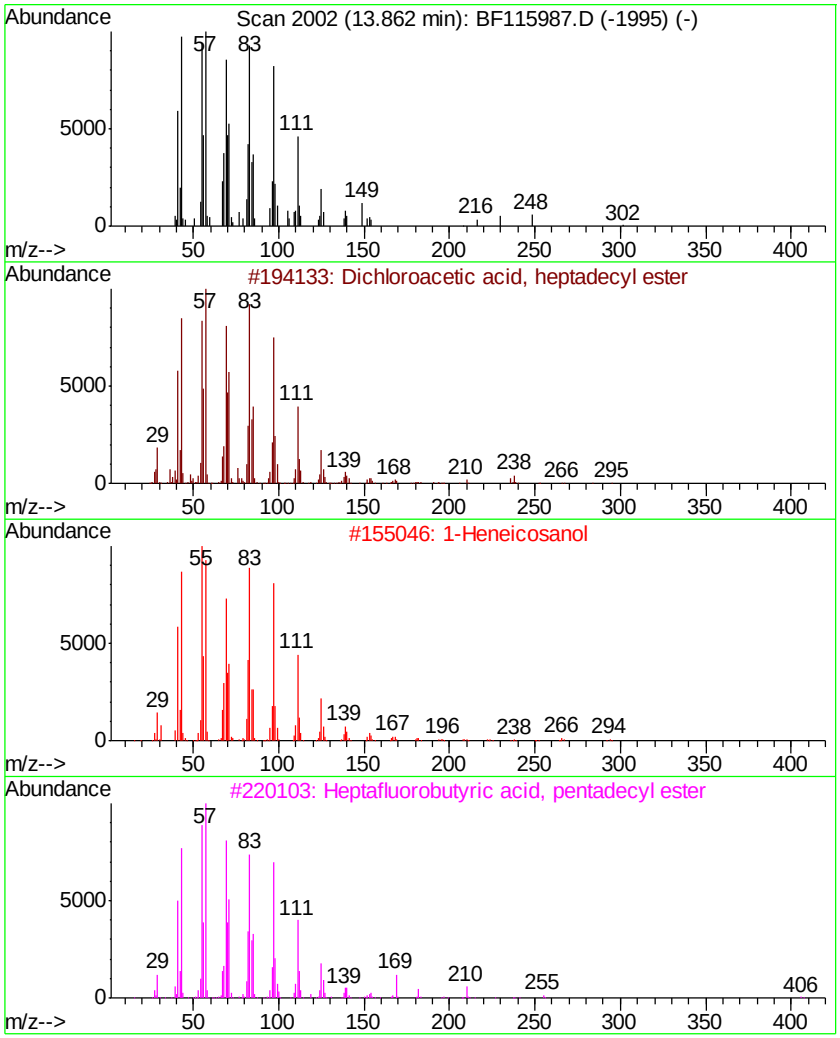
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

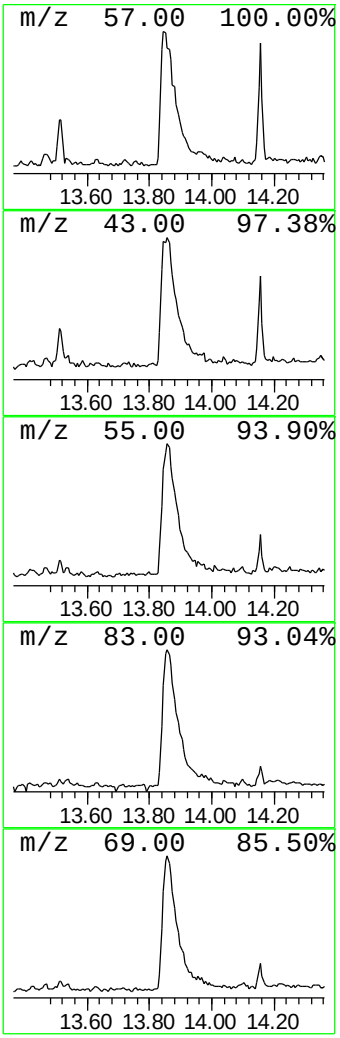
****

Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.14 ng	392895	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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Data File : BF115987.D
Acq On : 5 Aug 2019 18:41
Operator : HP/JU
Sample : K4156-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3456

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

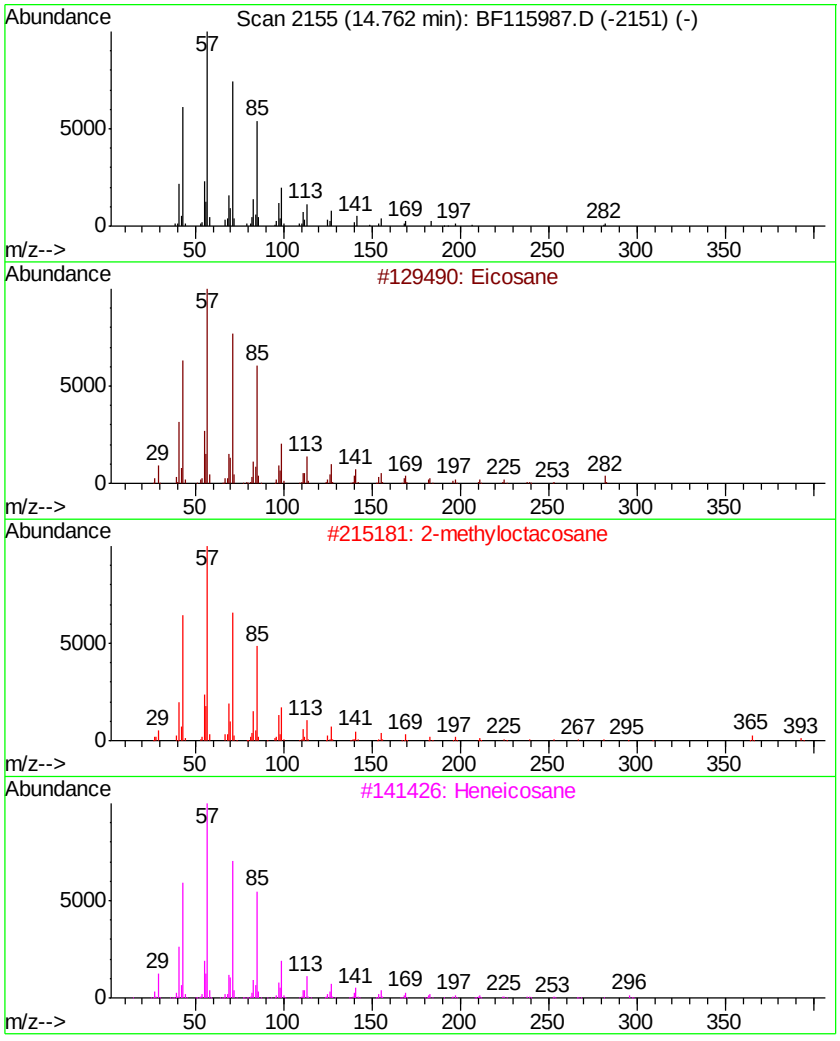
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

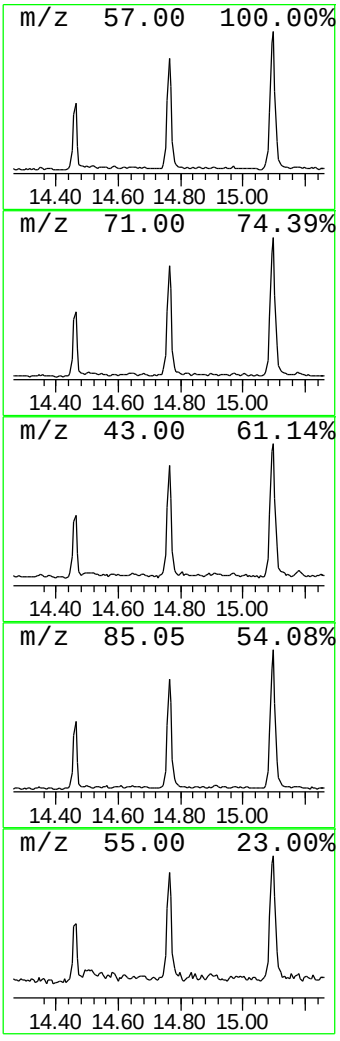
****

Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.66 ng	146480	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Acq On : 5 Aug 2019 18:41
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Sample : K4156-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3456

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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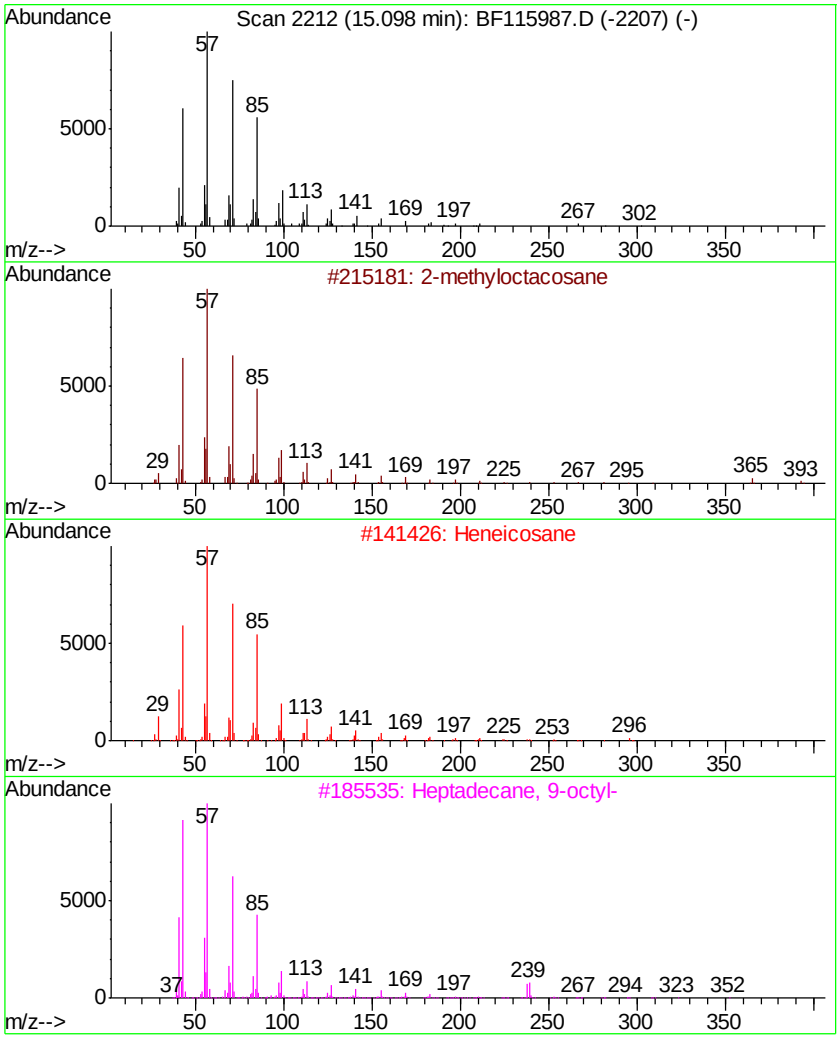
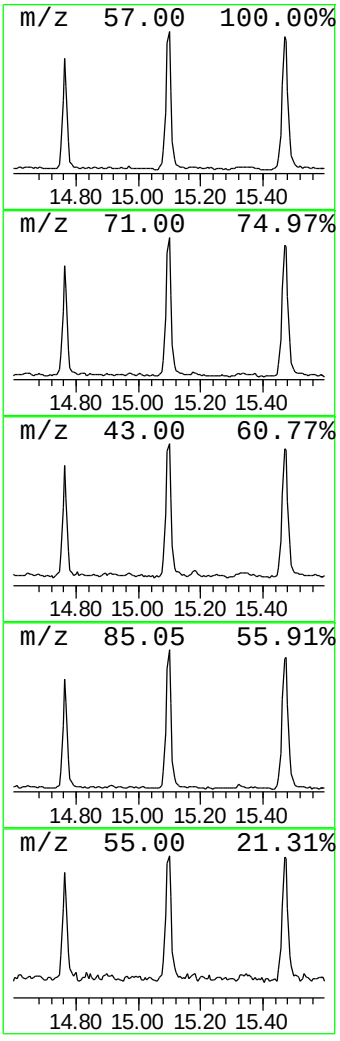
Peak Number 6 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.97 ng	218324	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





Library Search Compound Report

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Operator : HP/JU
Sample : K4156-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3456

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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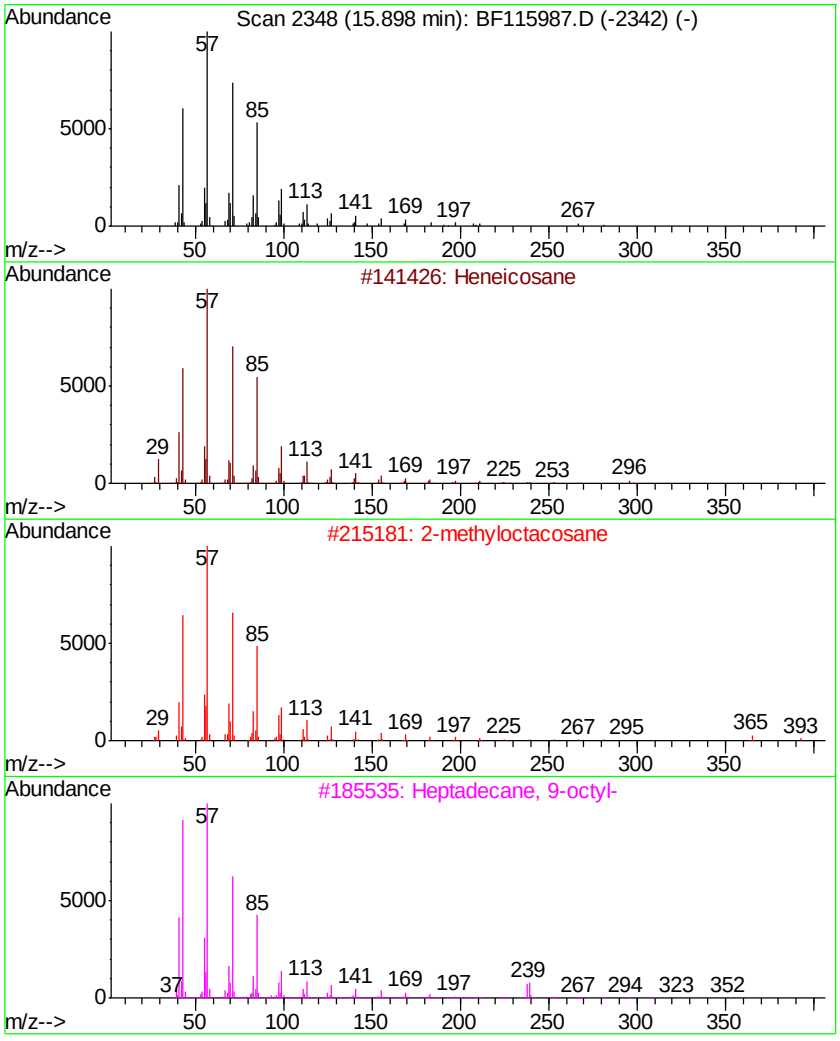
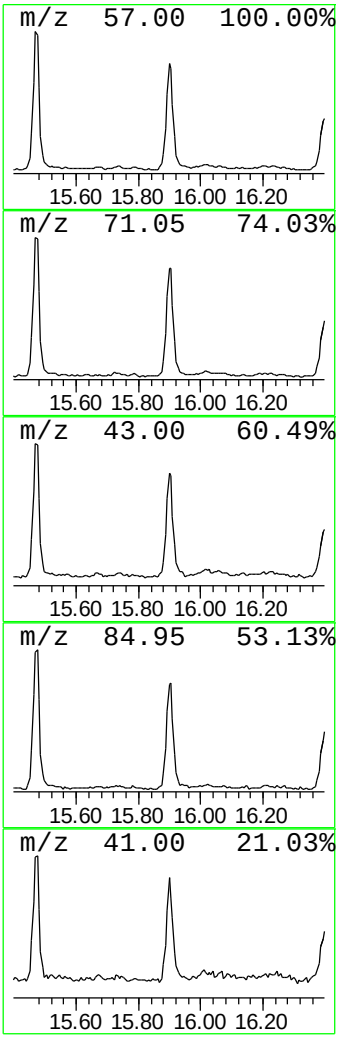
Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	4.01 ng	220220	Perylene-d12	15.46

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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octacosane	394	C28H58	000630-02-4	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

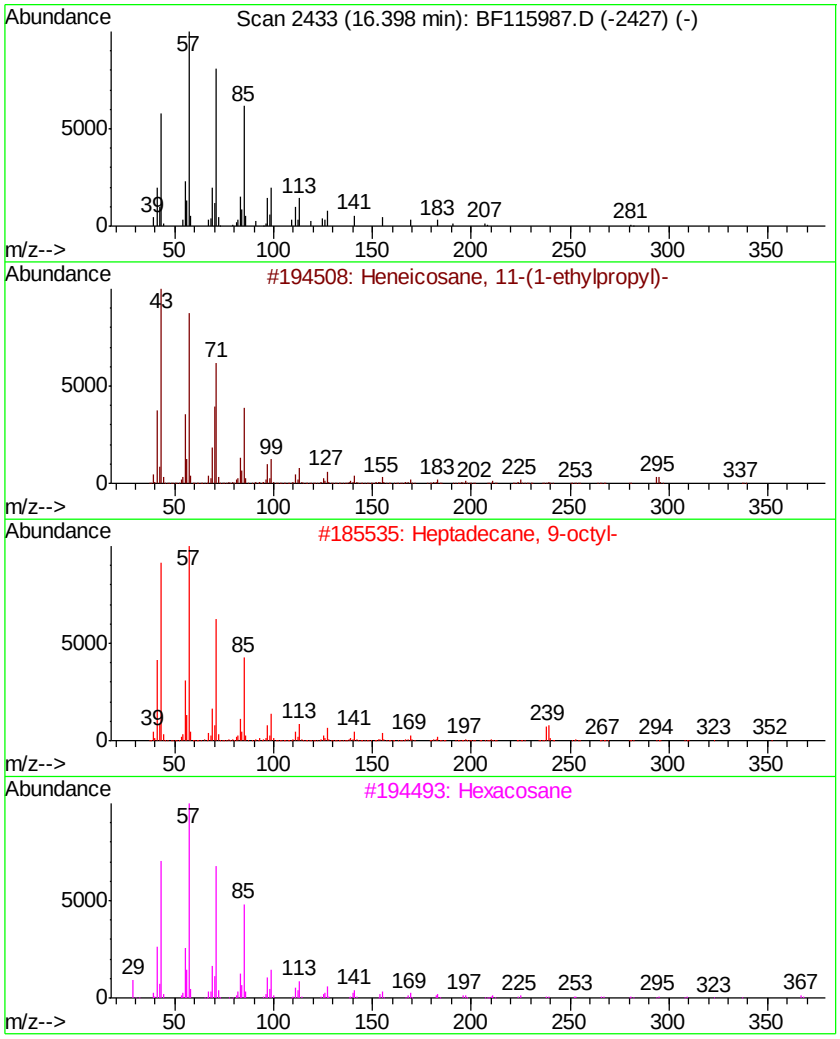
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

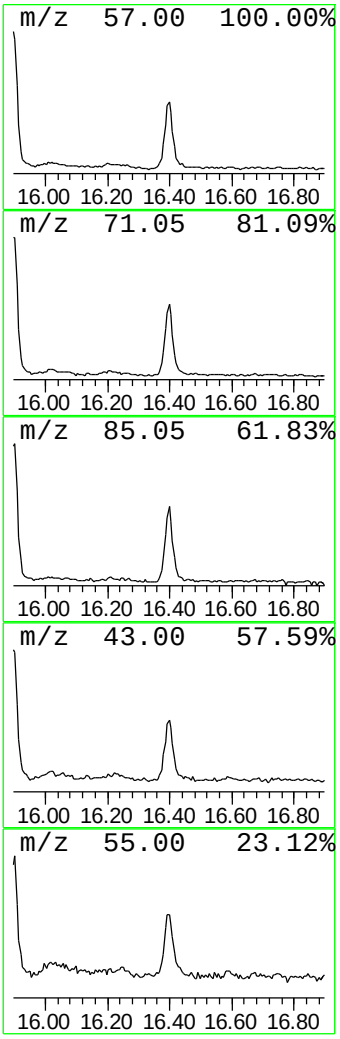
****

Peak Number 8 Heneicosane, 11-(1-ethylpro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.15 ng	118448	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	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...	2.14	33.0	ng	1307320	1	6.85	792646	20.0
unknown6.62	6.62	93.2	ng	3693510	1	6.85	792646	20.0
Dichloroacetic ac...	13.86	7.1	ng	392895	5	14.00	1100000	20.0
Eicosane	14.76	2.7	ng	146480	6	15.46	1099390	20.0
2-methyloctacosane	15.10	4.0	ng	218324	6	15.46	1099390	20.0
Heneicosane	15.90	4.0	ng	220220	6	15.46	1099390	20.0
Heneicosane, 11-(...	16.40	2.1	ng	118448	6	15.46	1099390	20.0