LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116384.D
Acq On : 19 Aug 2019 12:40
Operator : HP/JU
Sample : PB122287BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122287BL

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	2.128	3	7	23	rVB	221934	314658	7.09%	0.918%
2	5.440	567	570	600	rBV	2891795	3514801	79.16%	10.252%
3	6.451	738	742	760	rBV	3022028	3640878	82.00%	10.620%
4	6.581	760	764	787	rVB	3739330	3616127	81.45%	10.548%
5	6.804	799	802	818	rVB	874179	793065	17.86%	2.313%
6	6.957	825	828	852	rBV	2840436	2993432	67.42%	8.731%
7	7.369	894	898	925	rBV	2239241	2452376	55.23%	7.153%
8	8.081	1016	1019	1039	rBV	879113	999947	22.52%	2.917%
9	9.157	1197	1202	1205	rBV	4214892	4261879	95.99%	12.431%
10	9.833	1313	1317	1333	rBV	1348365	1174644	26.46%	3.426%
11	10.627	1448	1452	1481	rBV	2480624	2578085	58.07%	7.520%
12	11.322	1567	1570	1580	rBV	1254247	1181371	26.61%	3.446%
13	12.904	1834	1839	1842	rBV	4248496	4439932	100.00%	12.951%
14	13.963	2016	2019	2037	rBV	872666	981487	22.11%	2.863%
15	14.704	2140	2145	2149	rBV	57018	59451	1.34%	0.173%
16	15.027	2195	2200	2206	rBV	71794	88321	1.99%	0.258%
17	15.392	2256	2262	2264	rBV	88291	117966	2.66%	0.344%
18	15.421	2264	2267	2287	rVB	540522	842595	18.98%	2.458%
19	15.810	2326	2333	2345	rBV	90044	140580	3.17%	0.410%
20	16.292	2409	2415	2423	rVB	51880	91950	2.07%	0.268%

Sum of corrected areas: 34283545

LSC Report - Integrated Chromatogram

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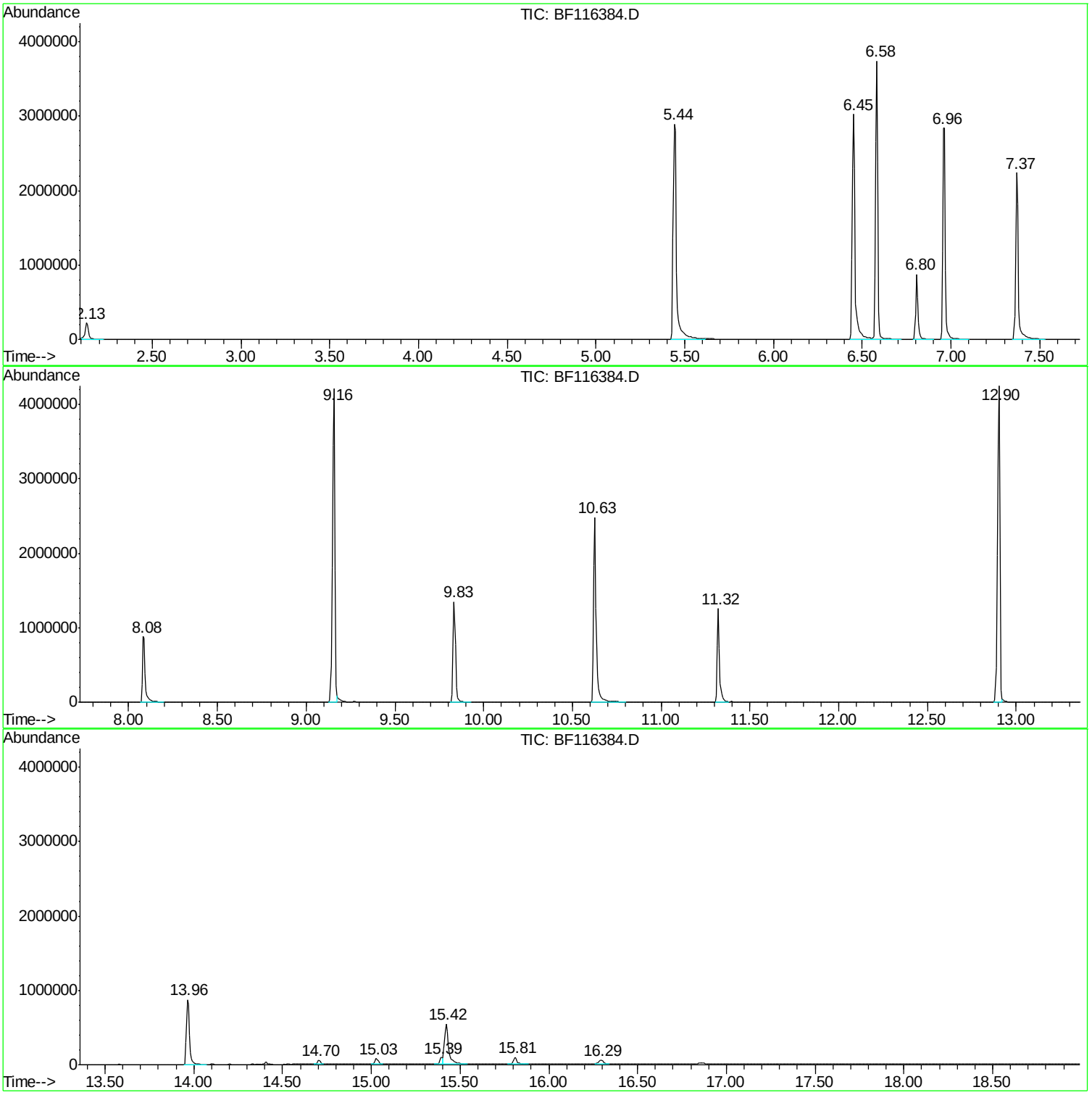
Sample : PB122287BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122287BL

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

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Data File : BF116384.D
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Operator : HP/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122287BL

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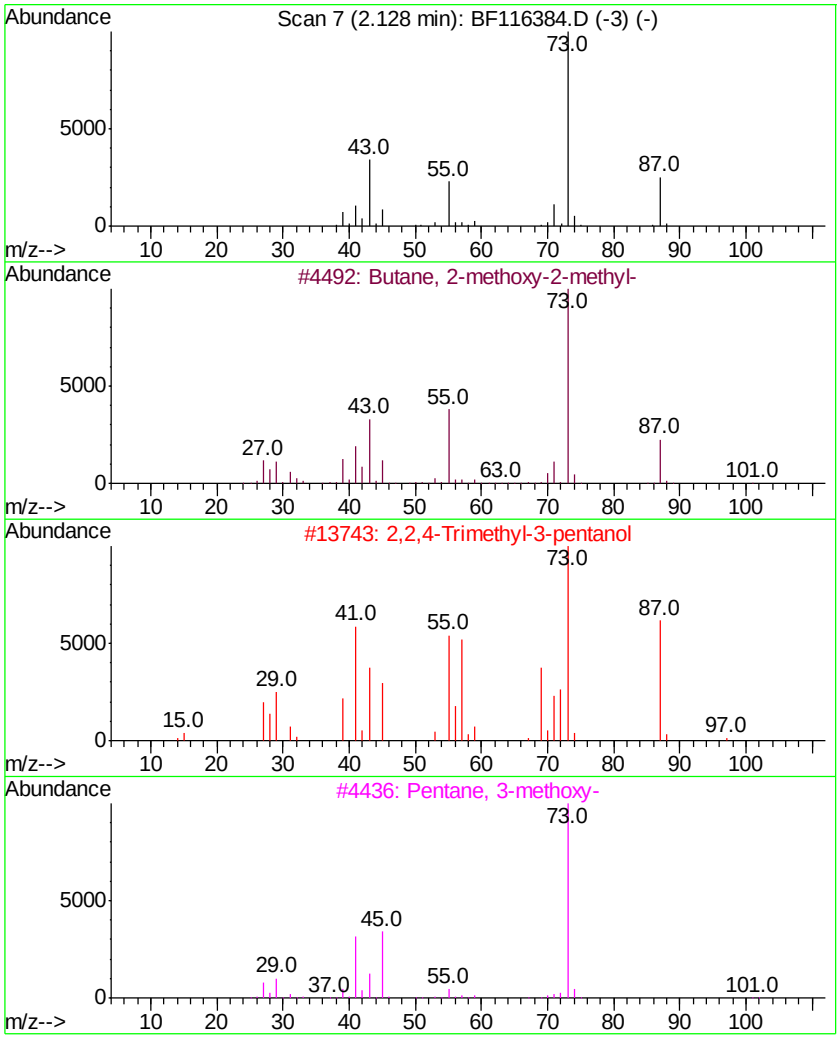
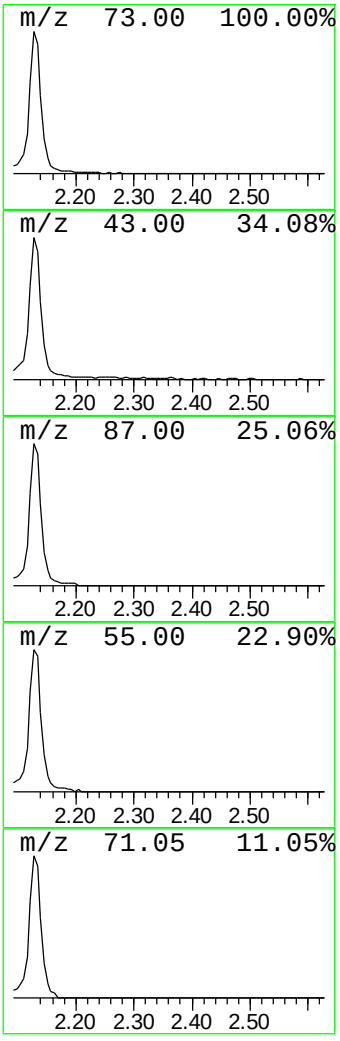
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	7.94 ng	314658	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122287BL

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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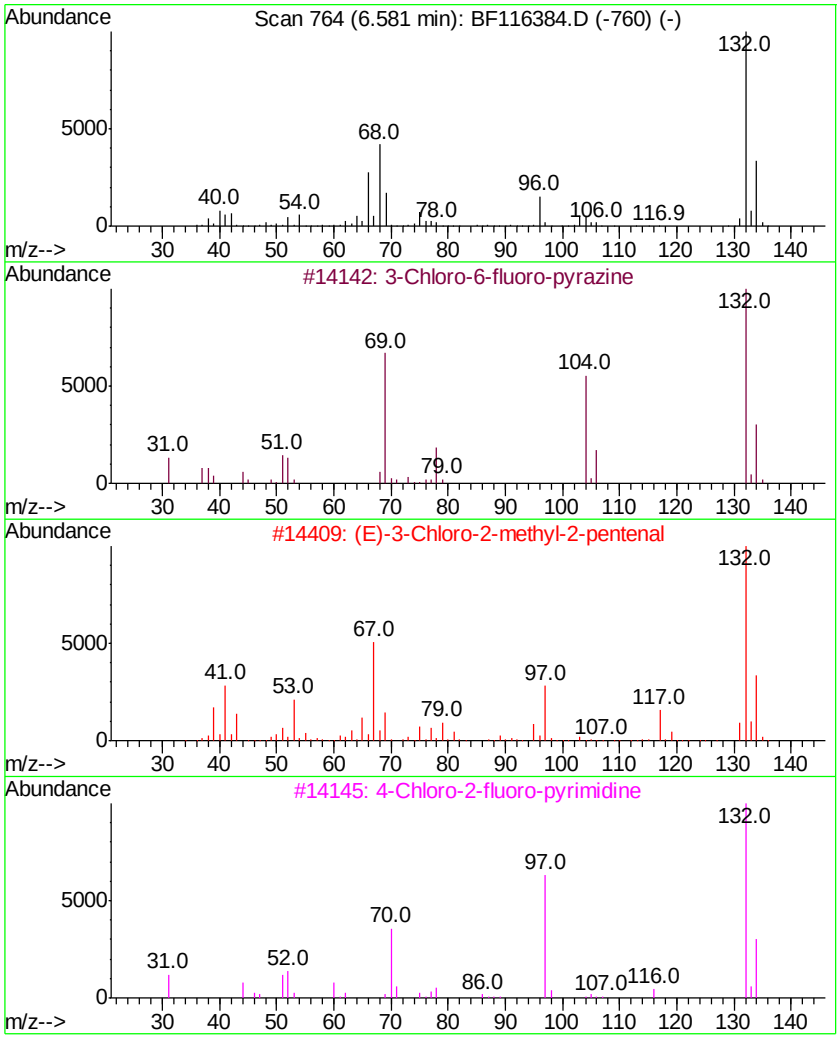
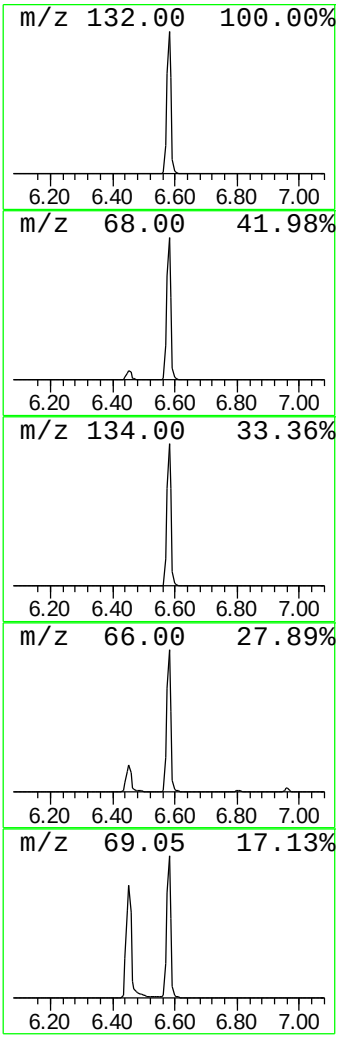
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	91.19 ng	3616130	1,4-Dichlorobenzene-d4	6.80

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : PB122287BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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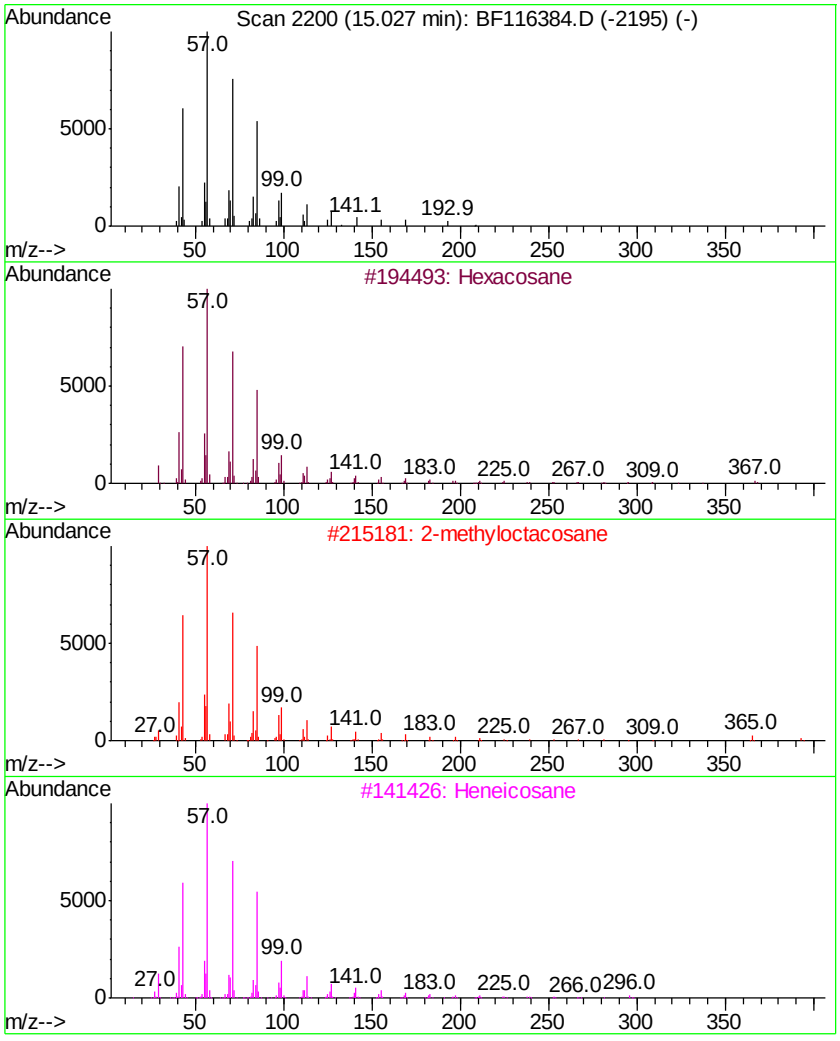
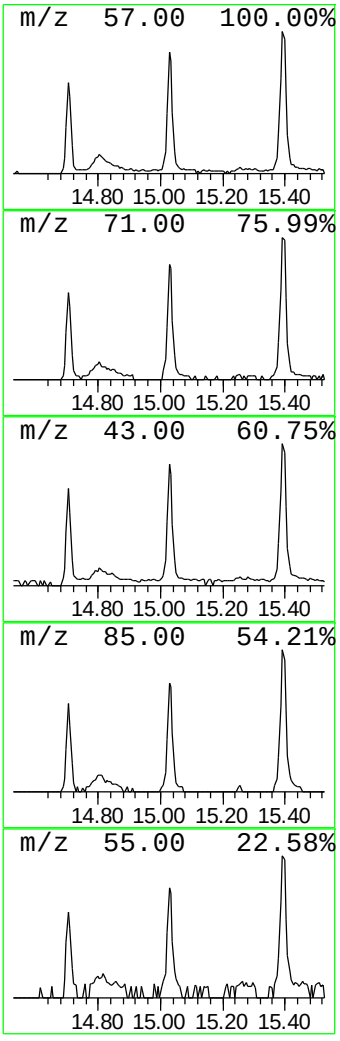
Peak Number 4 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.10 ng	88321	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





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Misc :
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Instrument : BNA_F
ClientSampleId : PB122287BL

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
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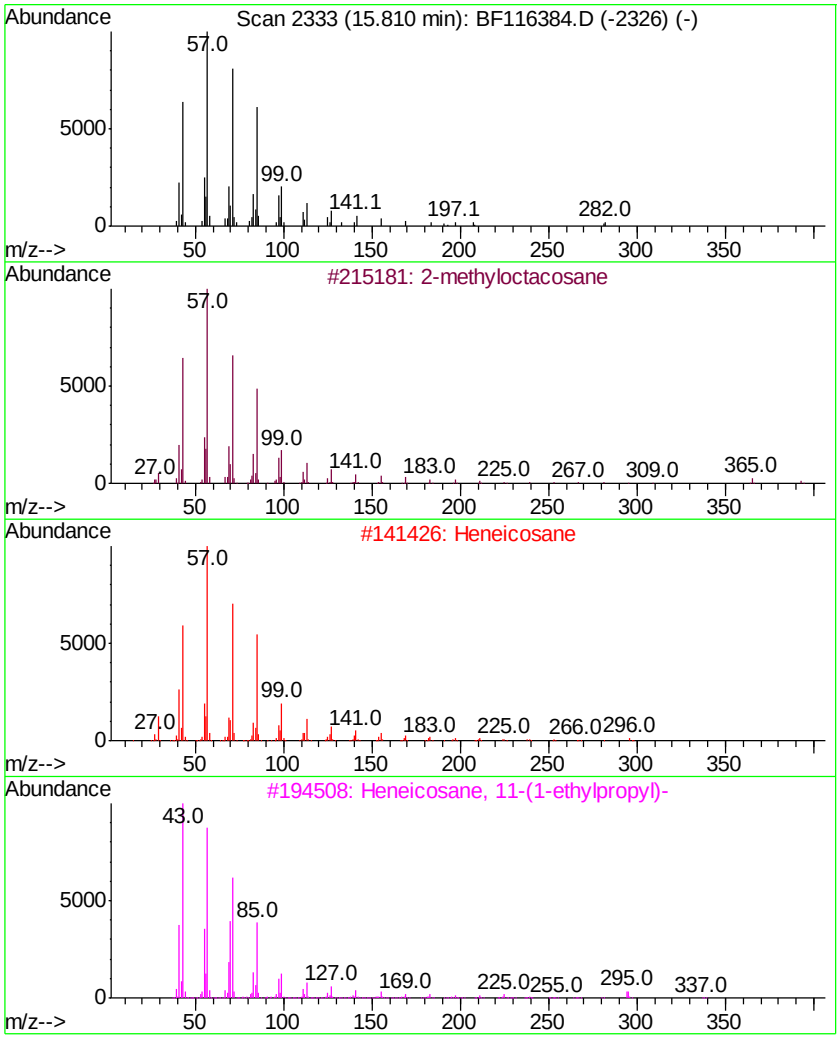
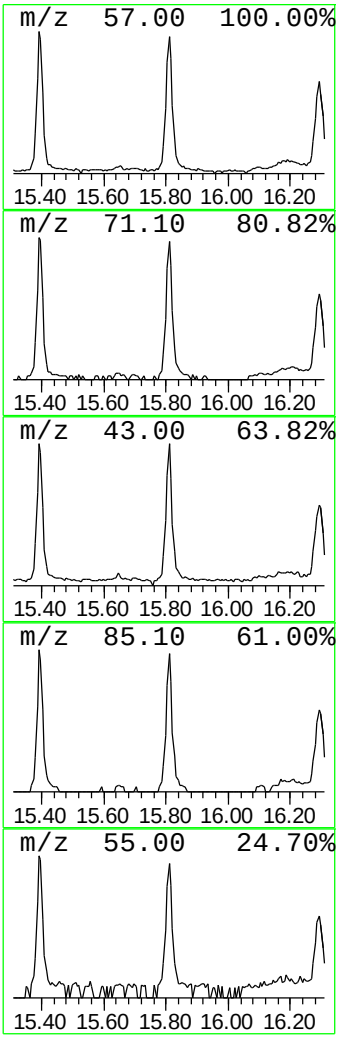
Peak Number 5 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.34 ng	140580	Perylene-d12	15.42

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	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Eicosane	282	C20H42	000112-95-8	90
5	2-methyltetracosane	352	C25H52	1000376-72-6	90





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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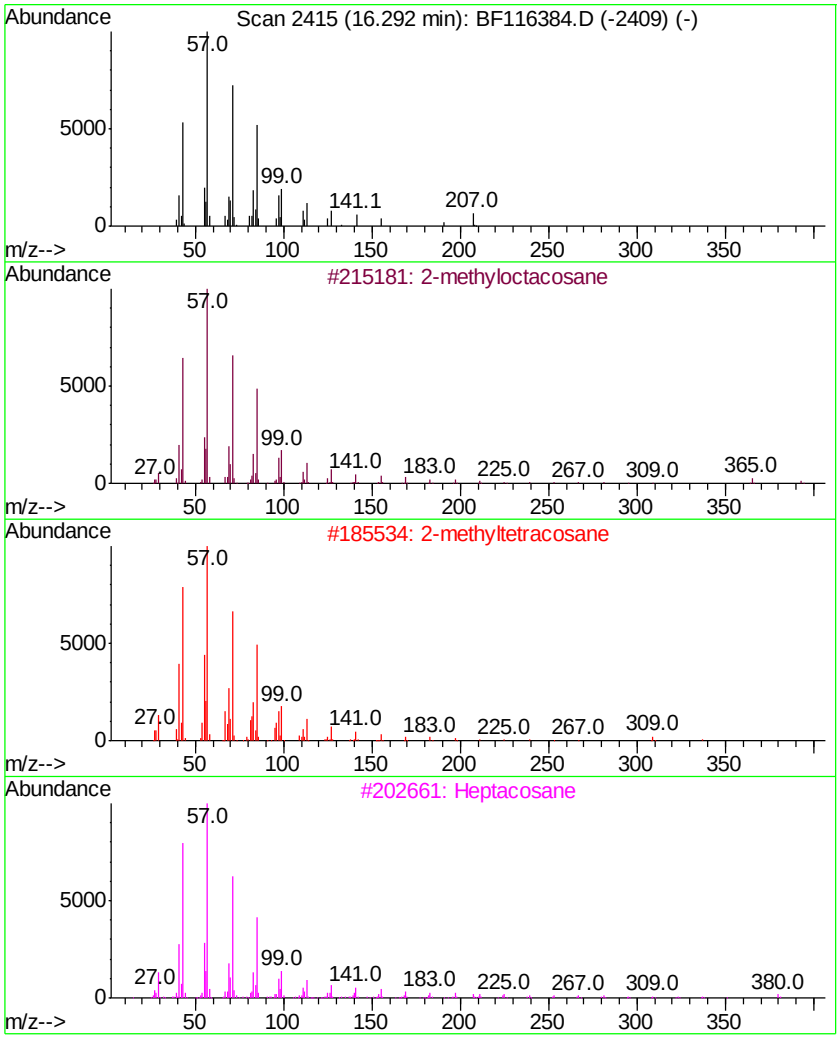
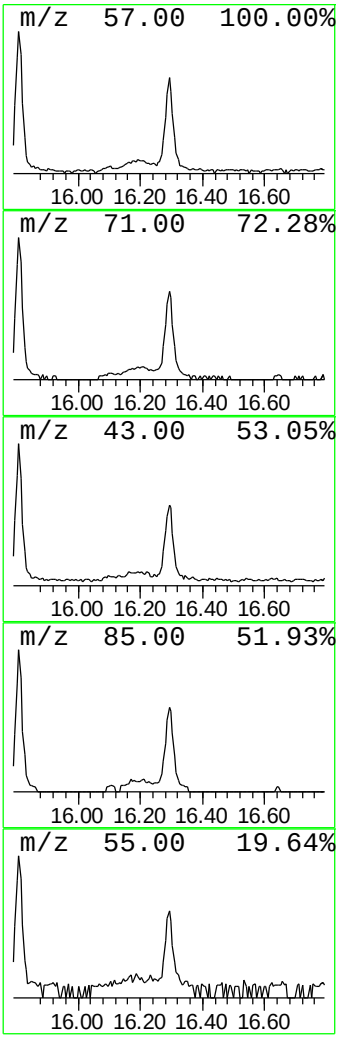
****

Peak Number 6 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.18 ng	91950	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	2-methyltetracosane	352	C25H52	1000376-72-6	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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...	2.13	7.9	ng	314658	1	6.80	793065	20.0
unknown6.58	6.58	91.2	ng	3616130	1	6.80	793065	20.0
Hexacosane	15.03	2.1	ng	88321	6	15.42	842595	20.0
2-methyloctacosane	15.81	3.3	ng	140580	6	15.42	842595	20.0
Heptacosane	16.29	2.2	ng	91950	6	15.42	842595	20.0