LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	2.210	19	21	37	rVB	42274	88850	3.03%	0.348%
2	5.134	514	518	529	rBV	474345	561580	19.17%	2.200%
3	5.528	579	585	588	rBV	2681896	2800844	95.62%	10.972%
4	6.528	750	755	766	rBV	2677270	2929242	100.00%	11.475%
5	6.675	775	780	783	rBV	2932913	2759563	94.21%	10.810%
6	6.904	815	819	822	rBV	1123826	879794	30.03%	3.446%
7	7.063	841	846	849	rBV	2317239	2053685	70.11%	8.045%
8	7.463	909	914	917	rBV	1697379	1684720	57.51%	6.600%
9	8.186	1033	1037	1040	rBV	1261223	1035949	35.37%	4.058%
10	9.257	1215	1219	1229	rBV	2685406	2499197	85.32%	9.790%
11	9.651	1282	1286	1289	rBV	202891	186899	6.38%	0.732%
12	9.939	1331	1335	1339	rBV	1049468	906319	30.94%	3.550%
13	9.969	1339	1340	1344	rVB	54976	42135	1.44%	0.165%
14	10.651	1450	1456	1461	rVB2	28798	32825	1.12%	0.129%
15	10.727	1465	1469	1472	rBV	1452052	1223234	41.76%	4.792%
16	11.427	1584	1588	1591	rBV	982064	803568	27.43%	3.148%
17	11.939	1670	1675	1681	rBV2	100049	120400	4.11%	0.472%
18	12.039	1689	1692	1700	rVB2	33536	44759	1.53%	0.175%
19	12.639	1790	1794	1799	rBV	349604	287424	9.81%	1.126%
20	12.727	1806	1809	1813	rBV2	32822	31593	1.08%	0.124%
21	12.868	1827	1833	1837	rBV	344708	338964	11.57%	1.328%
22	13.010	1853	1857	1860	rBV	2169020	1863526	63.62%	7.300%
23	13.086	1863	1870	1873	rBV3	20852	35170	1.20%	0.138%
24	13.192	1886	1888	1892	rVB	42083	41112	1.40%	0.161%
25	13.263	1897	1900	1902	rBV	38688	30551	1.04%	0.120%
26	13.563	1948	1951	1955	rBV3	21406	32015	1.09%	0.125%
27	13.898	2005	2008	2017	rVB2	117469	129538	4.42%	0.507%
28	14.068	2032	2037	2039	rBV	953698	1000461	34.15%	3.919%
29	14.092	2039	2041	2047	rVB	130390	113259	3.87%	0.444%
30	15.115	2211	2215	2218	rBV	87782	127539	4.35%	0.500%
31	15.421	2264	2267	2271	rVB	60935	70081	2.39%	0.275%
32	15.486	2274	2278	2283	rVV	66130	88585	3.02%	0.347%
33	15.551	2284	2289	2304	rVB	477021	684205	23.36%	2.680%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 25527586

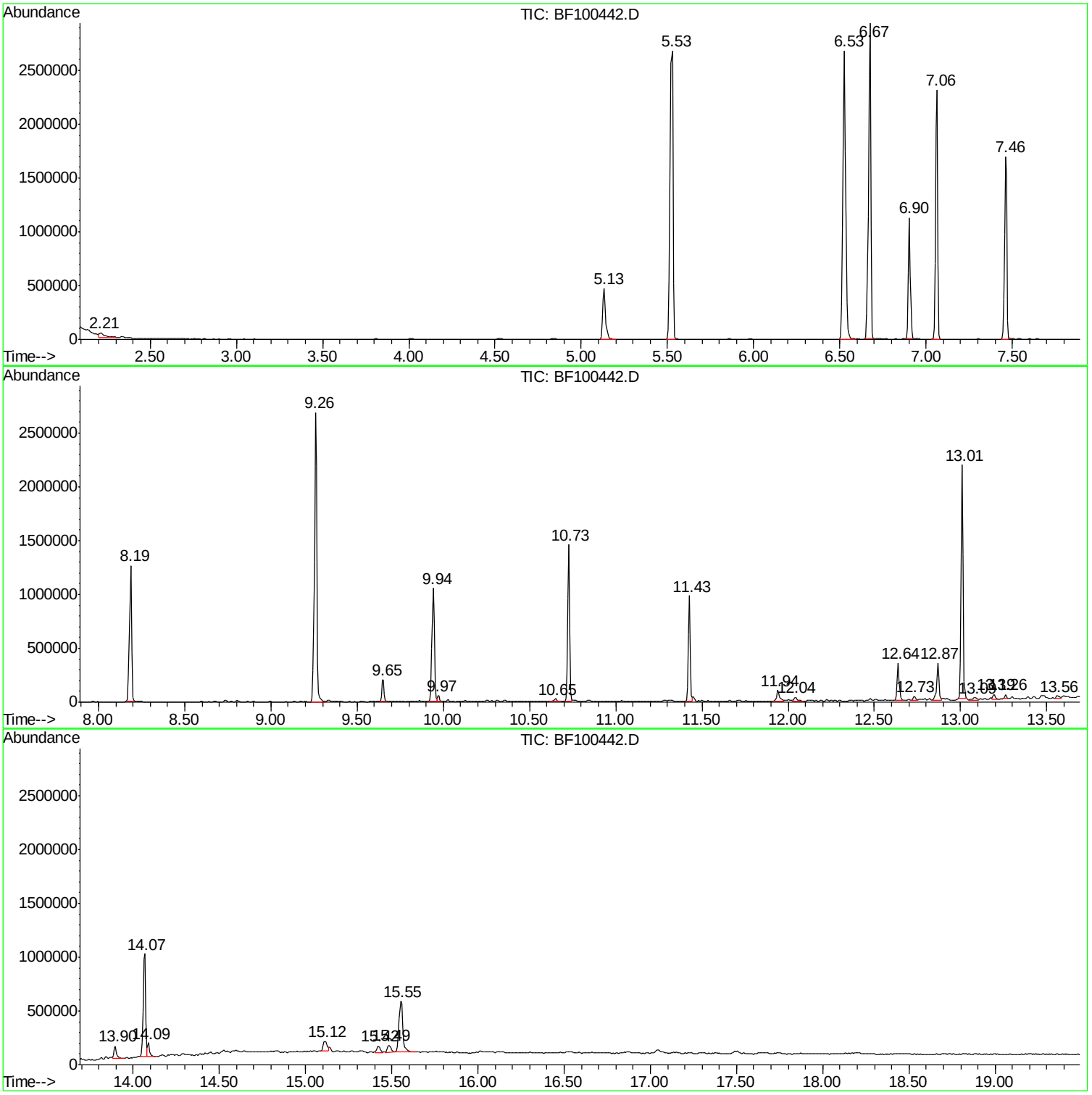
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

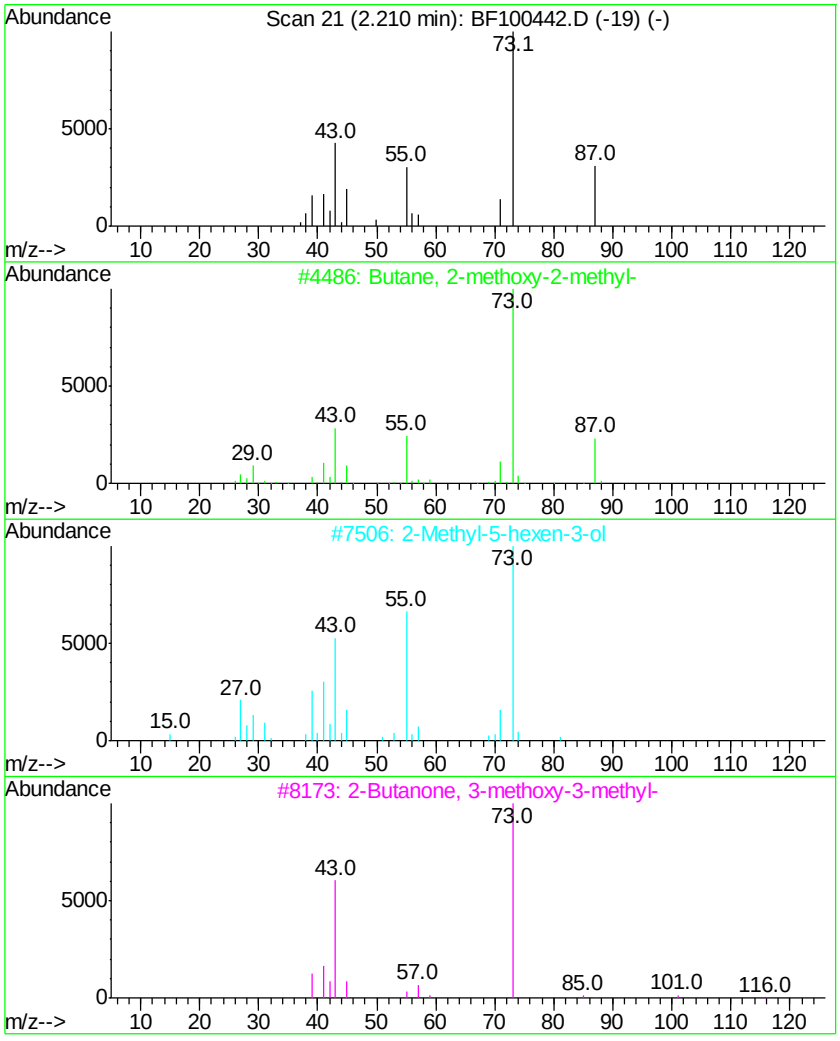
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

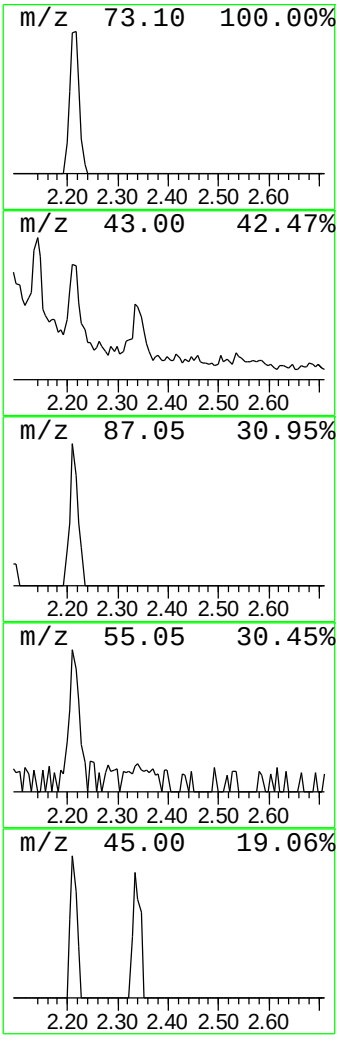
****

Peak Number 1 unknown2.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.02 ng	88850	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
4	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	7
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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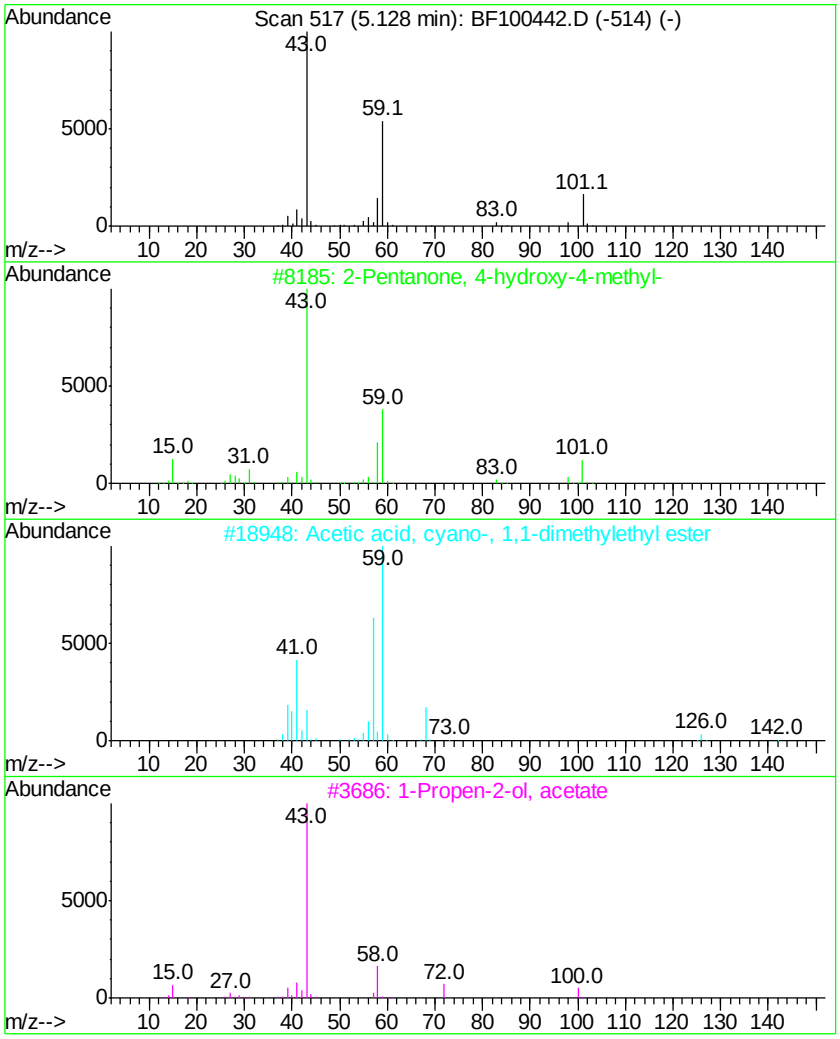
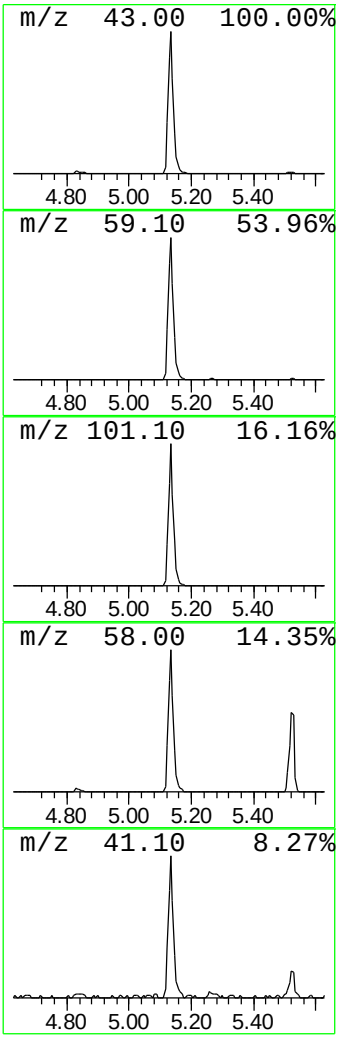
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	12.77 ng	561580	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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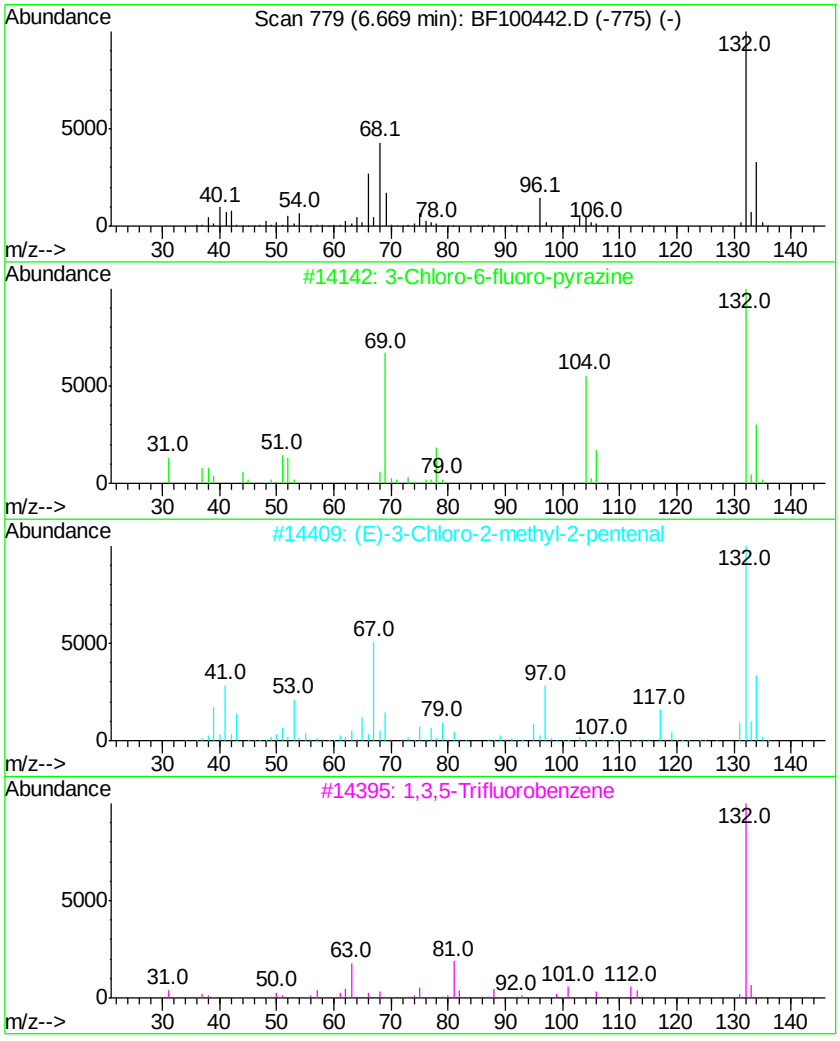
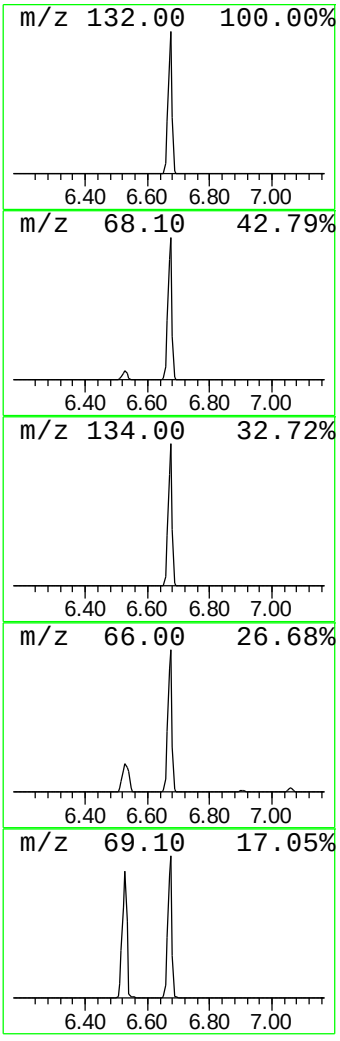
Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	62.73 ng	2759560	1,4-Dichlorobenzene-d4	6.90

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	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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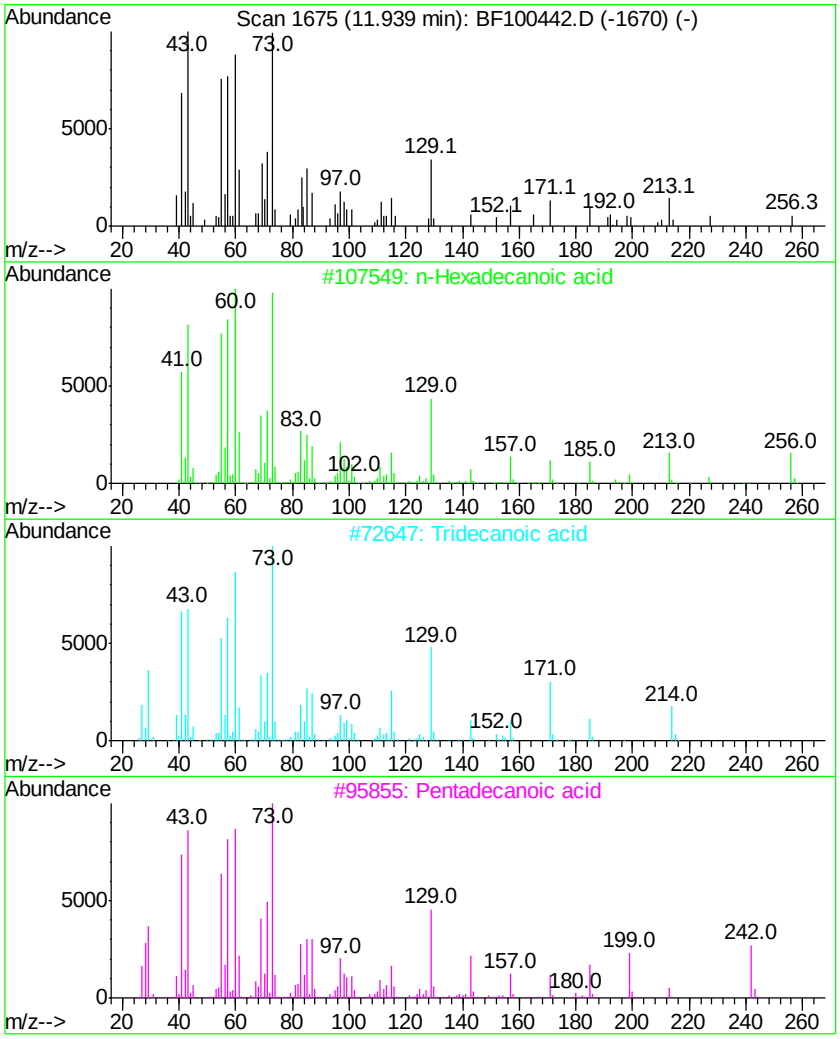
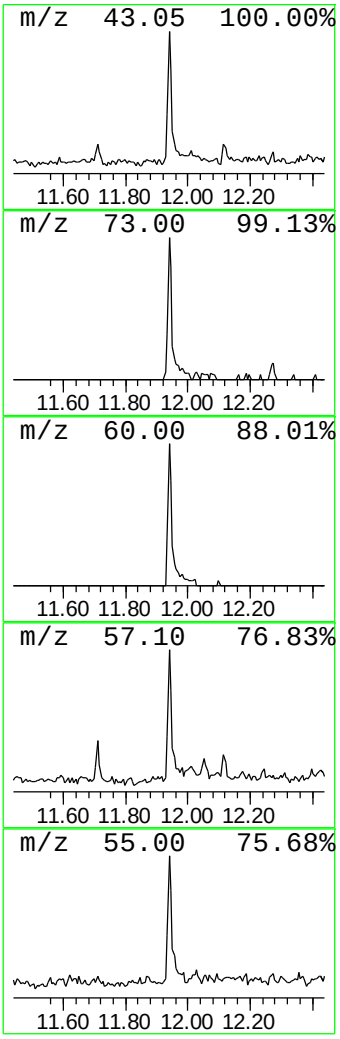
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.00 ng	120400	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

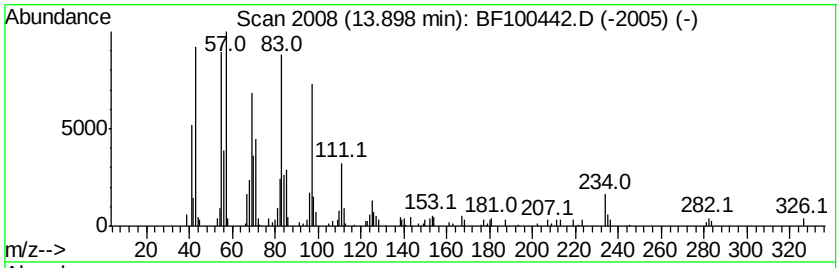
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

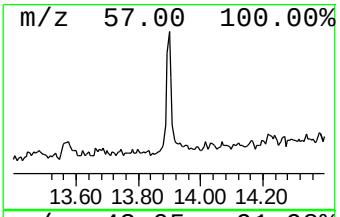
****

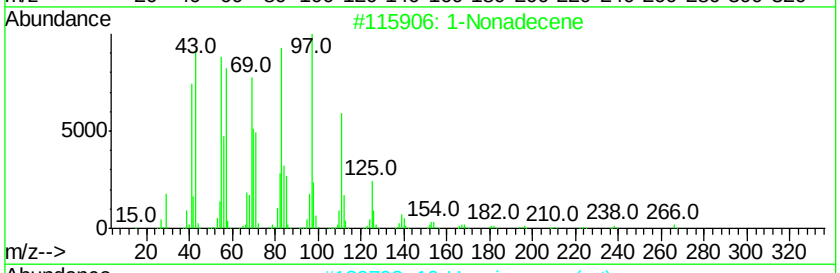
Peak Number 6 1-Nonadecene Concentration Rank 5

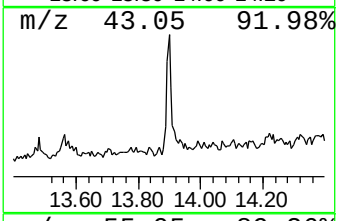
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.59 ng	129538	Chrysene-d12	14.07

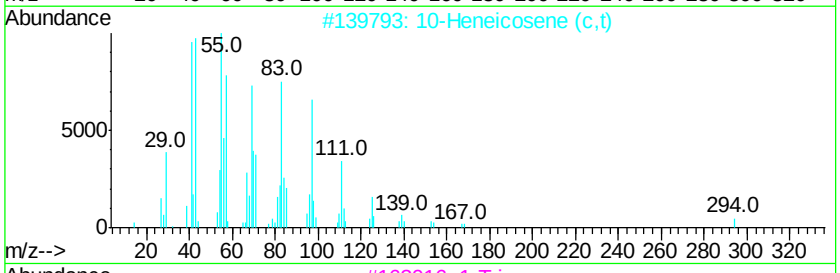
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	90
3	1-Tricosene	322	C23H46	018835-32-0	90
4	1-Docosene	308	C22H44	001599-67-3	87
5	1-Heptacosanol	396	C27H56O	002004-39-9	87

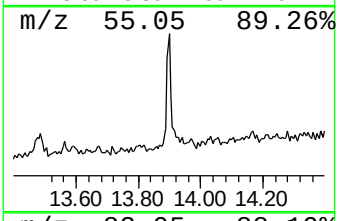


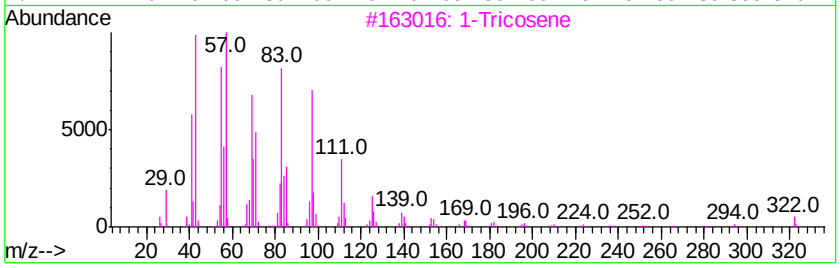


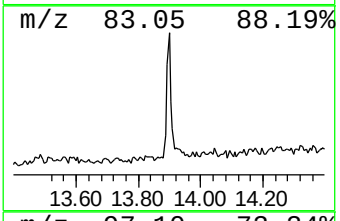












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111117\
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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
unknown2.21	2.21	2.0	ng	88850	1	6.90	879794	20.0
2-Pentanone, 4-hy...	5.13	12.8	ng	561580	1	6.90	879794	20.0
unknown6.67	6.67	62.7	ng	2759560	1	6.90	879794	20.0
n-Hexadecanoic acid	11.94	3.0	ng	120400	4	11.43	803568	20.0
1-Nonadecene	13.90	2.6	ng	129538	5	14.07	1000460	20.0