LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082717.D
Acq On : 4 Nov 2015 23:06
Operator : UM/IZ
Sample : G4261-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3WS

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-BF103015.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	5.036	255	258	261	rBV	847304	969726	13.09%	2.062%
2	5.459	292	295	298	rBV	2360344	2313467	31.22%	4.918%
3	6.487	382	385	387	rBV	2077124	1719008	23.20%	3.654%
4	6.624	395	397	400	rBV	3289701	4514568	60.92%	9.597%
5	6.864	415	418	420	rBV	1175216	1102879	14.88%	2.345%
6	7.024	429	432	434	rBV	4549421	4654946	62.81%	9.896%
7	7.424	464	467	469	rBV	3304144	3450575	46.56%	7.335%
8	8.145	528	530	533	rBV	1271625	1312798	17.71%	2.791%
9	9.230	622	625	627	rBV	7566987	6963219	93.96%	14.803%
10	9.619	656	659	660	rBV	198810	158391	2.14%	0.337%
11	9.905	681	684	686	rBV	1776935	1670030	22.54%	3.550%
12	10.282	715	717	719	rBV	97377	120784	1.63%	0.257%
13	10.328	719	721	722	rVB	197318	248597	3.35%	0.528%
14	10.693	750	753	755	rBV	4424392	4810074	64.91%	10.226%
15	11.379	811	813	816	rVB	1603207	1583761	21.37%	3.367%
16	11.916	858	860	865	rBV3	244189	345566	4.66%	0.735%
17	12.625	916	922	927	rBV5	21876	85404	1.15%	0.182%
18	12.705	927	929	935	rVV	244503	284483	3.84%	0.605%
19	12.796	935	937	940	rVB	75353	98285	1.33%	0.209%
20	12.979	950	953	955	rBV	6666940	7410818	100.00%	15.754%
21	13.505	997	999	1007	rBV4	35404	96010	1.30%	0.204%
22	13.871	1029	1031	1037	rBV2	229957	375858	5.07%	0.799%
23	14.019	1041	1044	1046	rBV	1596377	1634488	22.06%	3.475%
24	15.448	1166	1169	1172	rBV	921605	1116004	15.06%	2.372%

Sum of corrected areas: 47039739

LSC Report - Integrated Chromatogram

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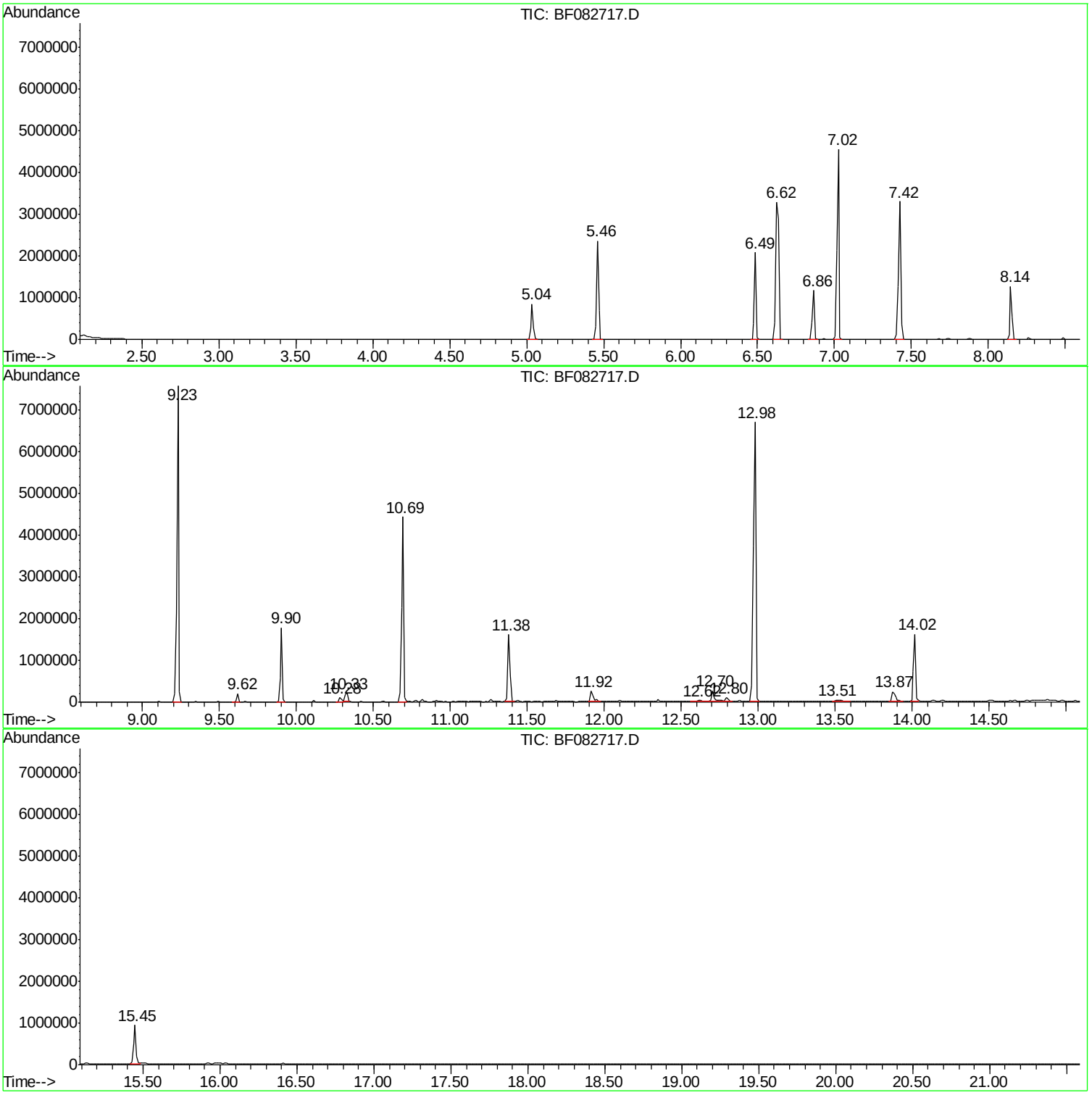
Operator : UM/IZ
Sample : G4261-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3WS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082717.D
Acq On : 4 Nov 2015 23:06
Operator : UM/IZ
Sample : G4261-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3WS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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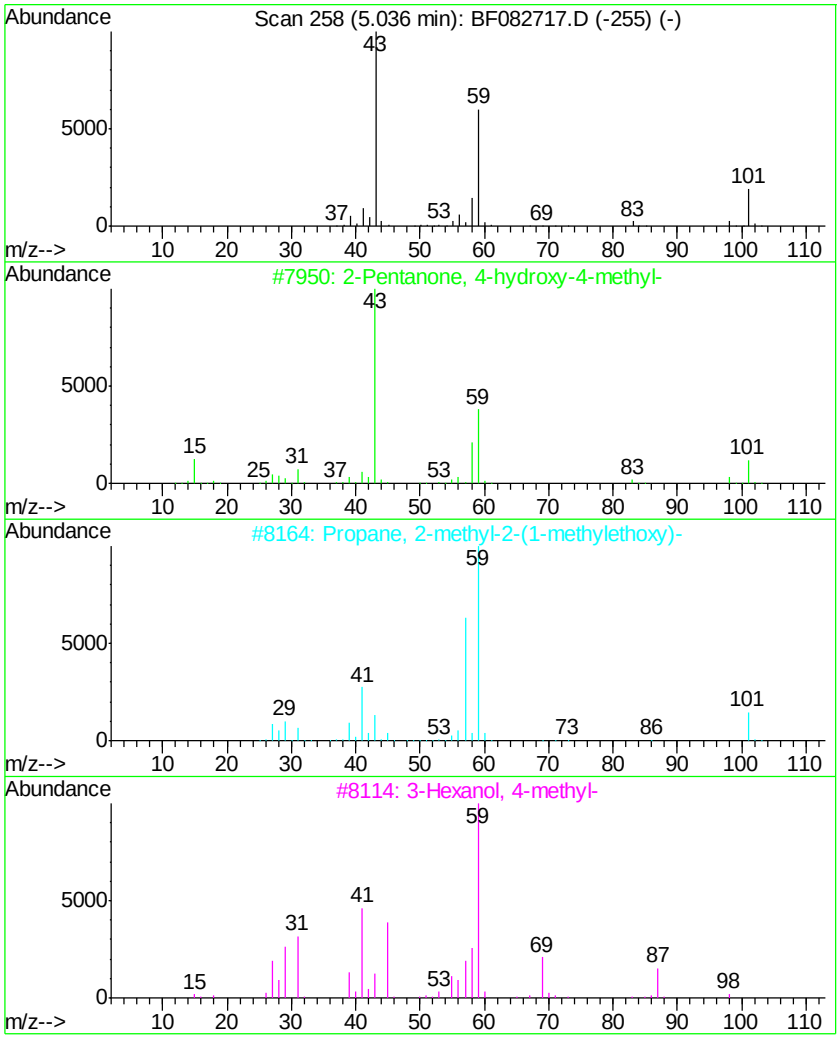
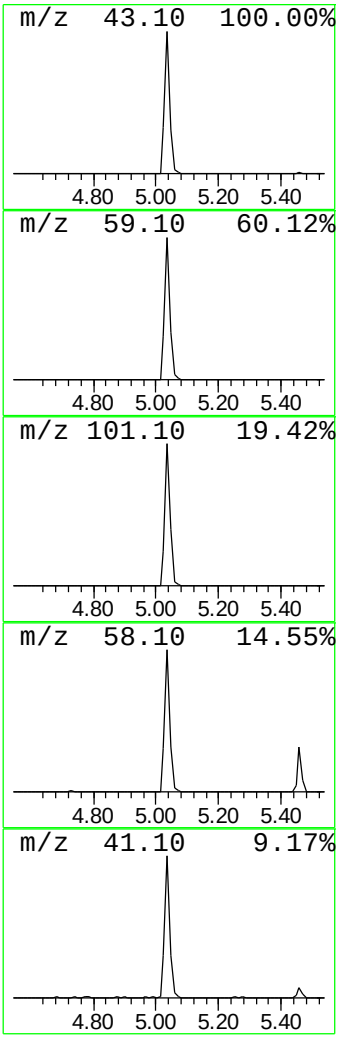
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	17.59 ng	969726	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082717.D
Acq On : 4 Nov 2015 23:06
Operator : UM/IZ
Sample : G4261-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3WS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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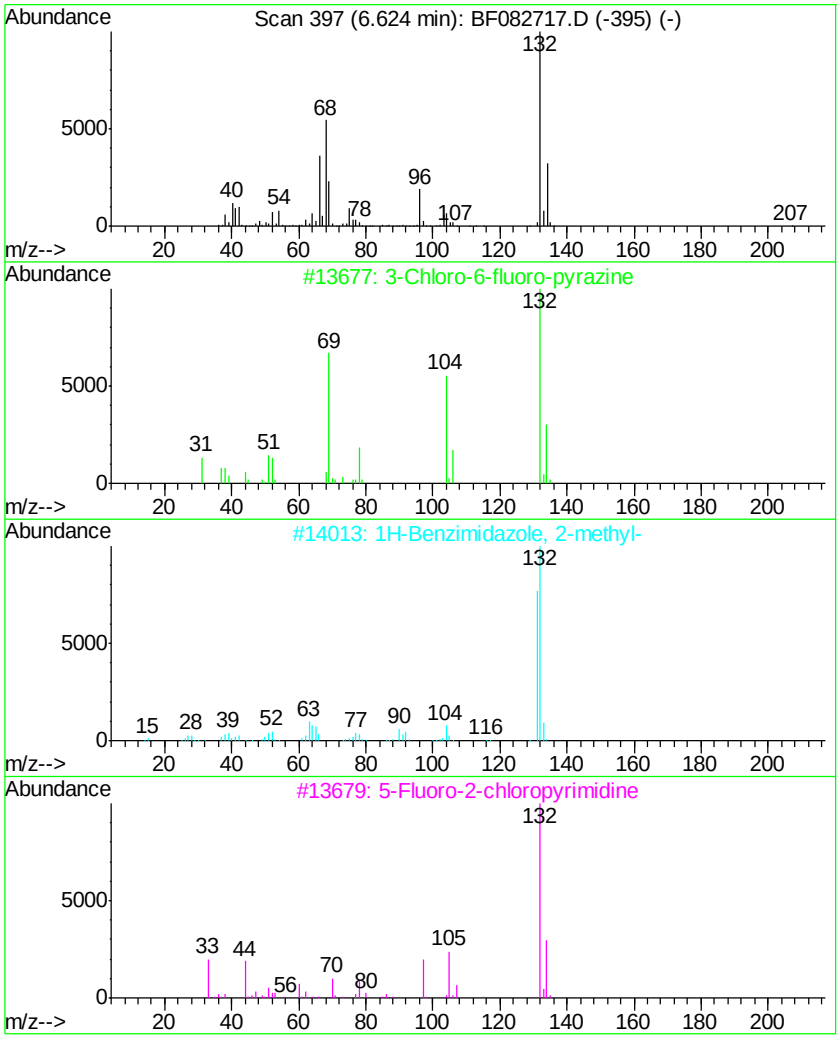
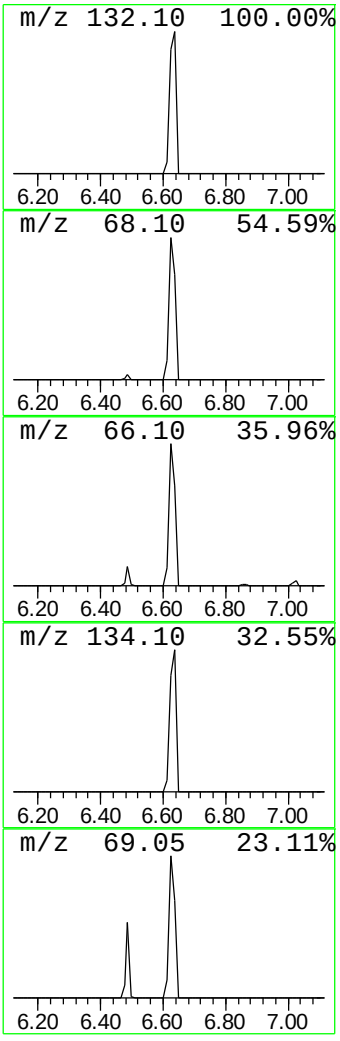
Peak Number 2 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	81.87 ng	4514570	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
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Acq On : 4 Nov 2015 23:06
Operator : UM/IZ
Sample : G4261-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3WS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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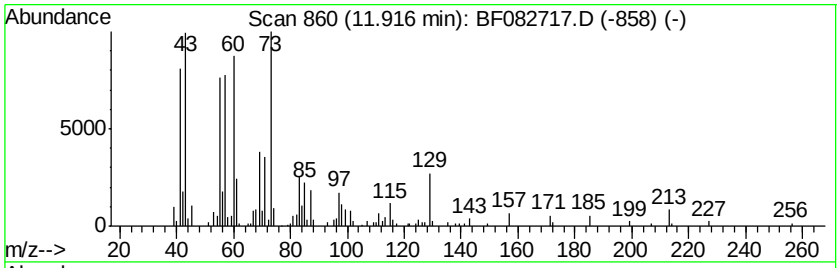
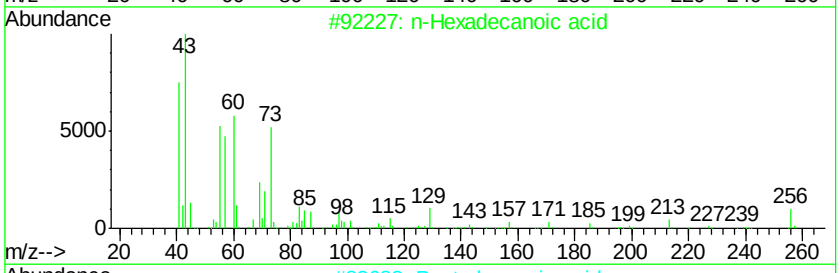
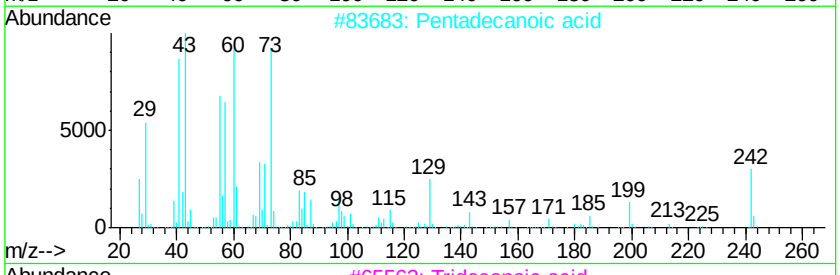
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

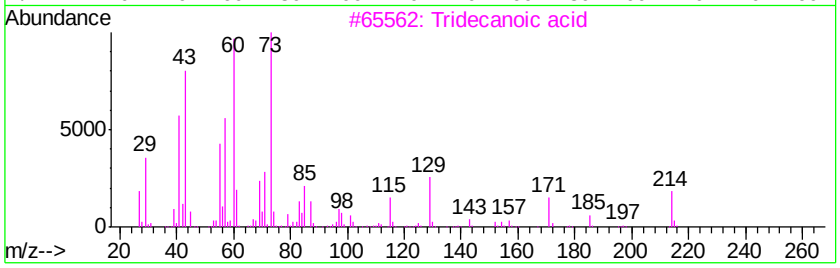
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.36 ng	345566	Phenanthrene-d10	11.38

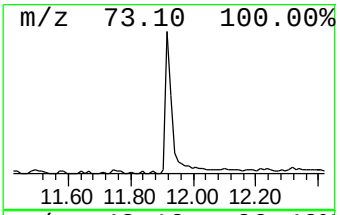
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64

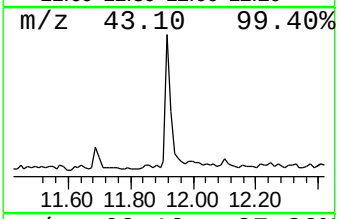


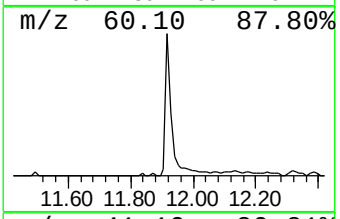


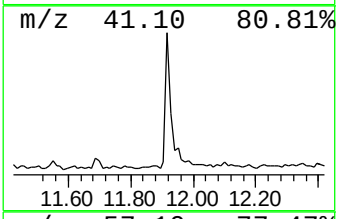


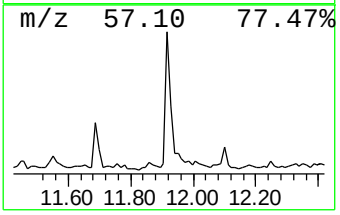












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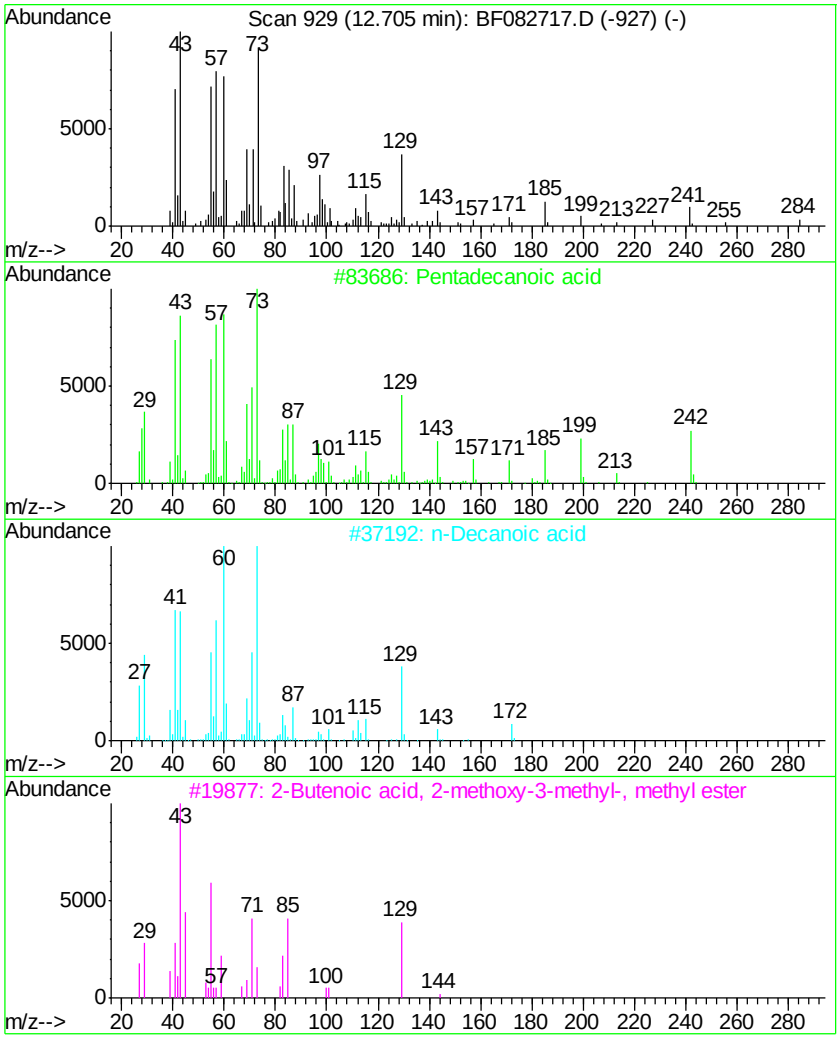
TIC Integration Parameters: LSCINT.P

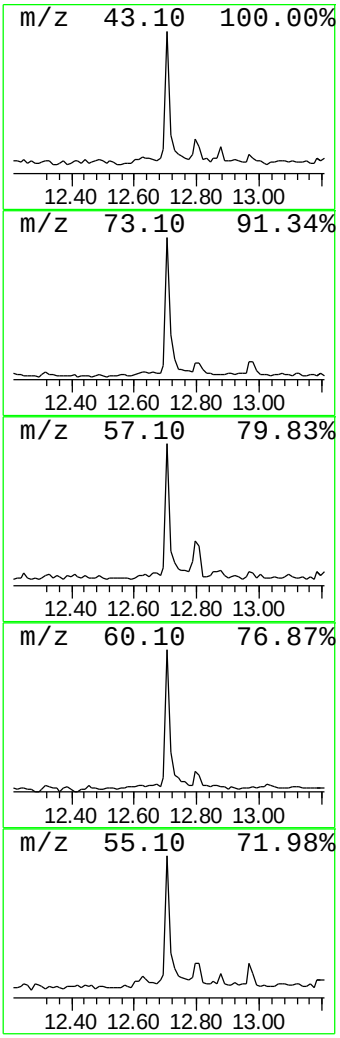
****

Peak Number 5 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.48 ng	284483	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2	n-Decanoic acid	172	C10H20O2	000334-48-5	68
3	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	25
4	Undecane	156	C11H24	001120-21-4	11
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	11





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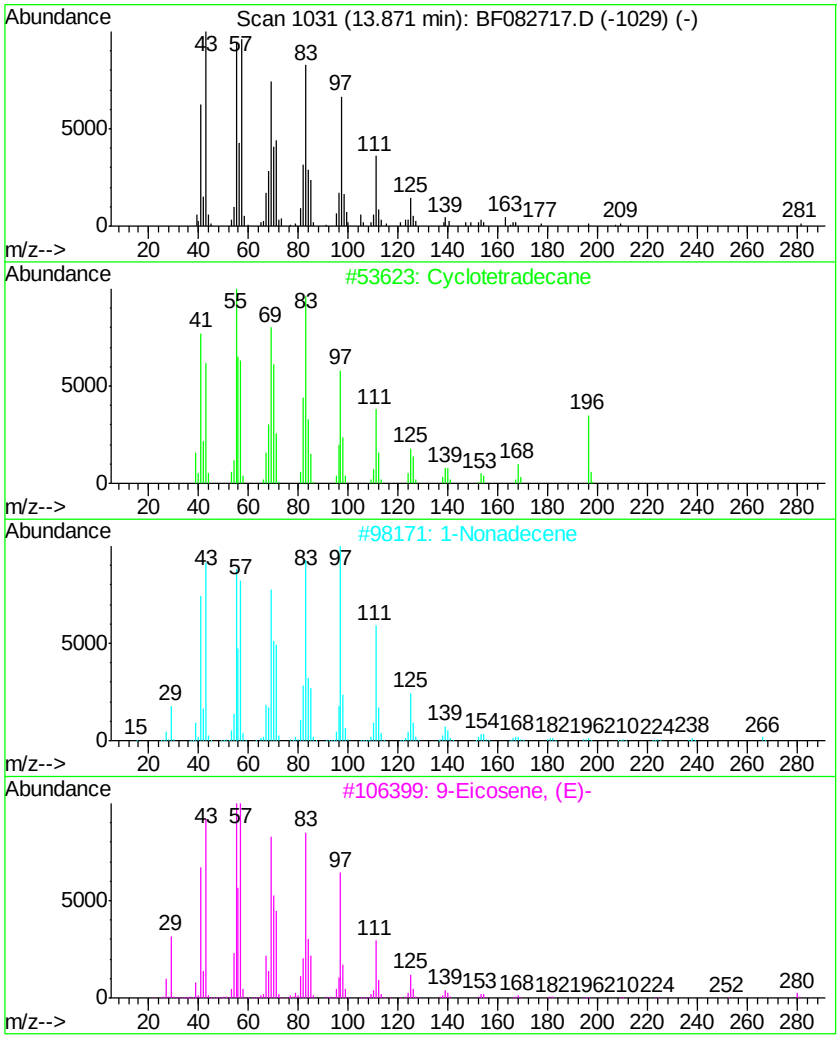
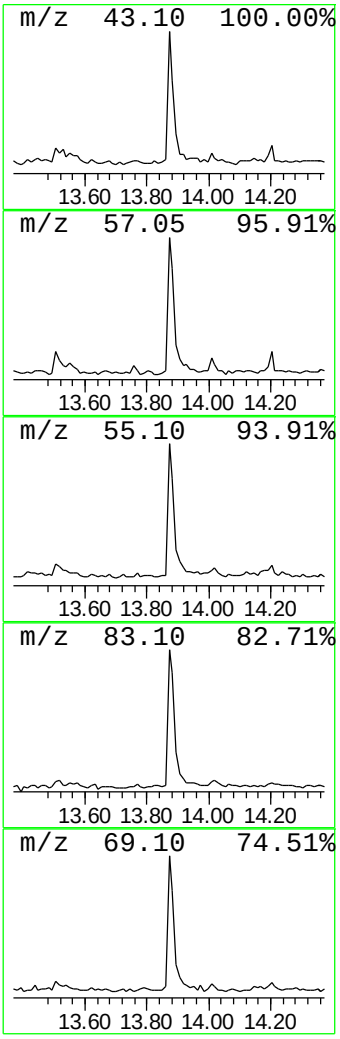
Peak Number 6 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.60 ng	375858	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	17.6	ng	969726	1	6.86	1102880	20.0
unknown6.62	6.62	81.9	ng	4514570	1	6.86	1102880	20.0
n-Hexadecanoic acid	11.92	4.4	ng	345566	4	11.38	1583760	20.0
Pentadecanoic acid	12.71	3.5	ng	284483	5	14.02	1634490	20.0
Cyclotetradecane	13.87	4.6	ng	375858	5	14.02	1634490	20.0