LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086704.D
Acq On : 5 May 2016 4:16
Operator : UM/SJ
Sample : H2829-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TD-B4(5-12)-C

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-BF050416.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	4.899	243	246	253	rBV	276969	388614	9.25%	1.102%
2	5.333	281	284	286	rBV	3786266	4171935	99.35%	11.832%
3	5.733	317	319	328	rVB	35072	59294	1.41%	0.168%
4	6.385	373	376	378	rBV	3968629	4004261	95.36%	11.357%
5	6.510	384	387	389	rBV	3988672	4199066	100.00%	11.909%
6	6.739	405	407	409	rBV	1170563	1041114	24.79%	2.953%
7	6.899	418	421	423	rBV	2768177	3092542	73.65%	8.771%
8	7.025	429	432	436	rVB3	17933	42535	1.01%	0.121%
9	7.310	454	457	459	rBV	1981703	2517106	59.94%	7.139%
10	8.030	517	520	522	rBV	800909	1177362	28.04%	3.339%
11	9.105	611	614	616	rBV	3902451	3544614	84.41%	10.053%
12	9.493	646	648	650	rBV	119292	141473	3.37%	0.401%
13	9.722	666	668	670	rBV	83960	84076	2.00%	0.238%
14	9.779	670	673	675	rBV	1094628	1113101	26.51%	3.157%
15	10.213	710	711	713	rVB	102370	96501	2.30%	0.274%
16	10.431	727	730	733	rBV	32033	58268	1.39%	0.165%
17	10.568	739	742	744	rBV	1444478	1874881	44.65%	5.318%
18	10.694	750	753	758	rVB	86128	123076	2.93%	0.349%
19	11.139	787	792	797	rVB2	35923	68247	1.63%	0.194%
20	11.254	800	802	806	rVV2	925594	1105928	26.34%	3.137%
21	11.334	806	809	811	rVB2	40141	62905	1.50%	0.178%
22	11.802	847	850	852	rVV2	114383	207310	4.94%	0.588%
23	11.871	854	856	860	rVB2	46284	98362	2.34%	0.279%
24	12.465	906	908	910	rBV	323631	302026	7.19%	0.857%
25	12.694	925	928	930	rBV	291377	358012	8.53%	1.015%
26	12.728	930	931	936	rVB3	24511	47073	1.12%	0.134%
27	12.842	938	941	944	rBV	2762072	2624365	62.50%	7.443%
28	13.082	960	962	964	rVB3	35586	44322	1.06%	0.126%
29	13.128	964	966	969	rBV2	34350	63208	1.51%	0.179%
30	13.745	1018	1020	1024	rBV2	247095	337393	8.03%	0.957%
31	13.882	1030	1032	1038	rBV2	649523	1149760	27.38%	3.261%
32	13.997	1040	1042	1043	rVB	48450	55469	1.32%	0.157%
33	14.888	1118	1120	1124	rBV	107423	231441	5.51%	0.656%
34	15.277	1152	1154	1164	rVB	430442	772702	18.40%	2.192%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086704.D
Acq On : 5 May 2016 4:16
Operator : UM/SJ
Sample : H2829-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B4(5-12)-C

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-BF050416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 35258342

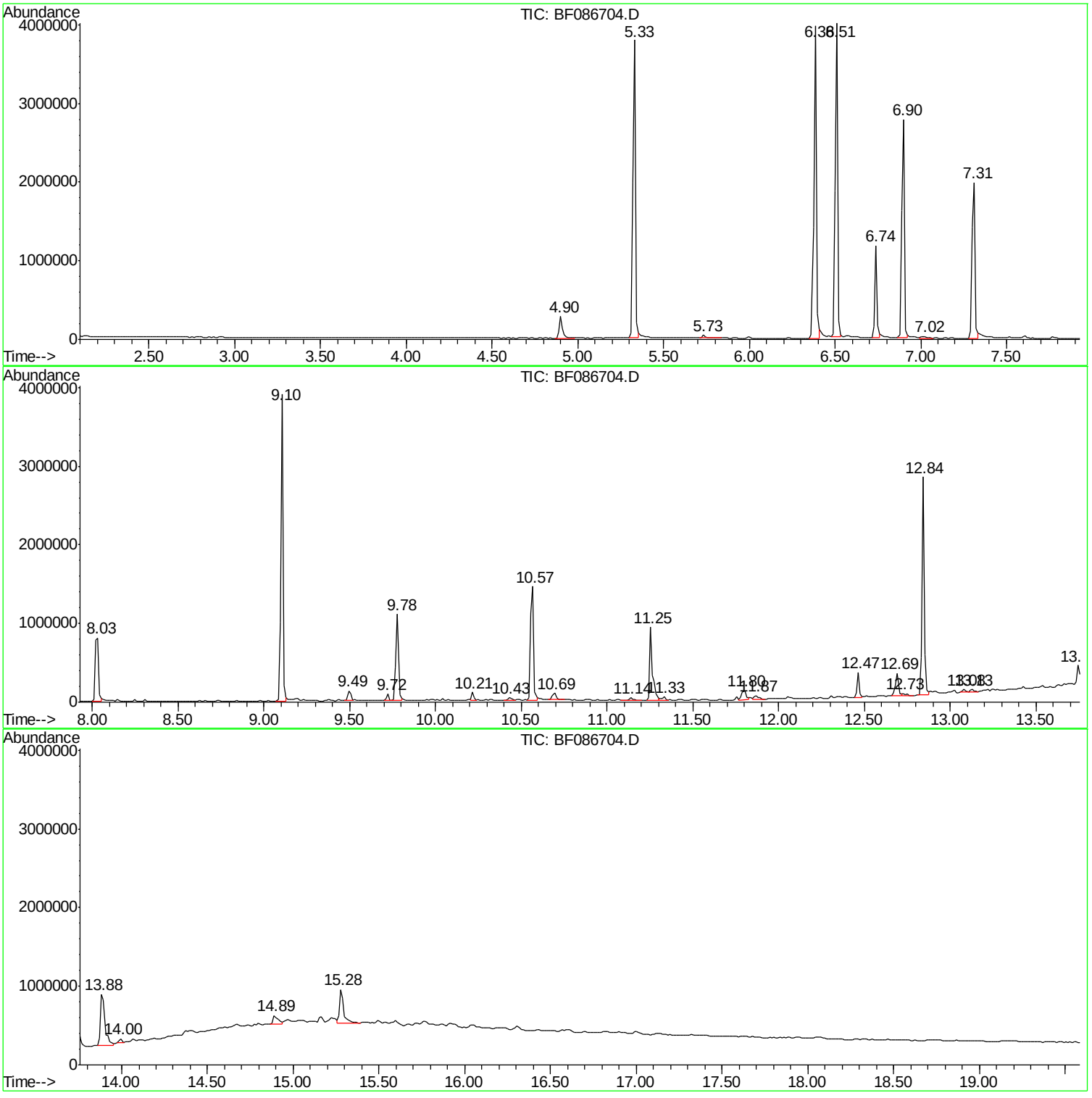
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086704.D
Acq On : 5 May 2016 4:16
Operator : UM/SJ
Sample : H2829-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TD-B4(5-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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\BF050416\
Data File : BF086704.D
Acq On : 5 May 2016 4:16
Operator : UM/SJ
Sample : H2829-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B4(5-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

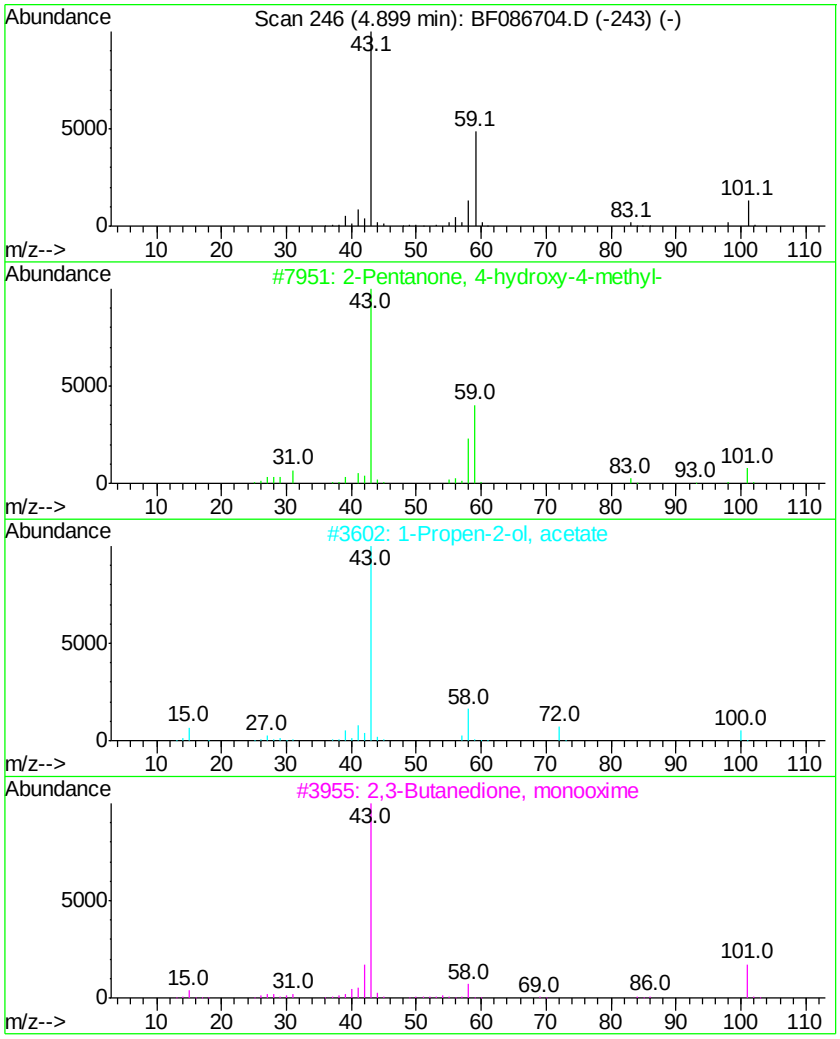
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

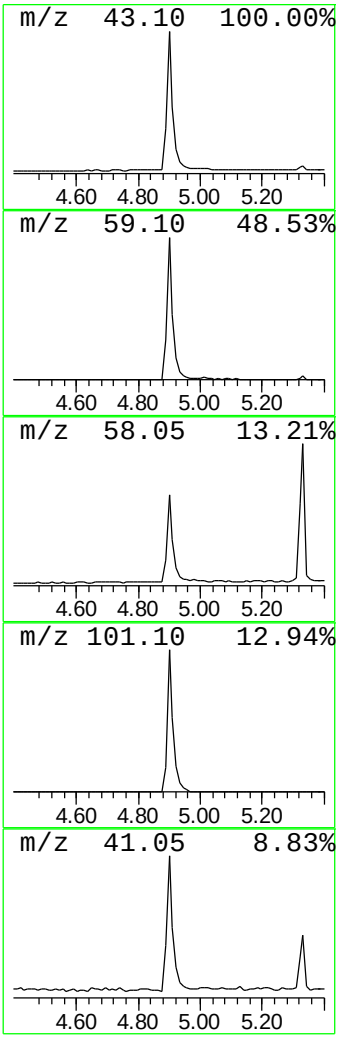
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	14.93 ng	388614	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086704.D
Acq On : 5 May 2016 4:16
Operator : UM/SJ
Sample : H2829-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TD-B4(5-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

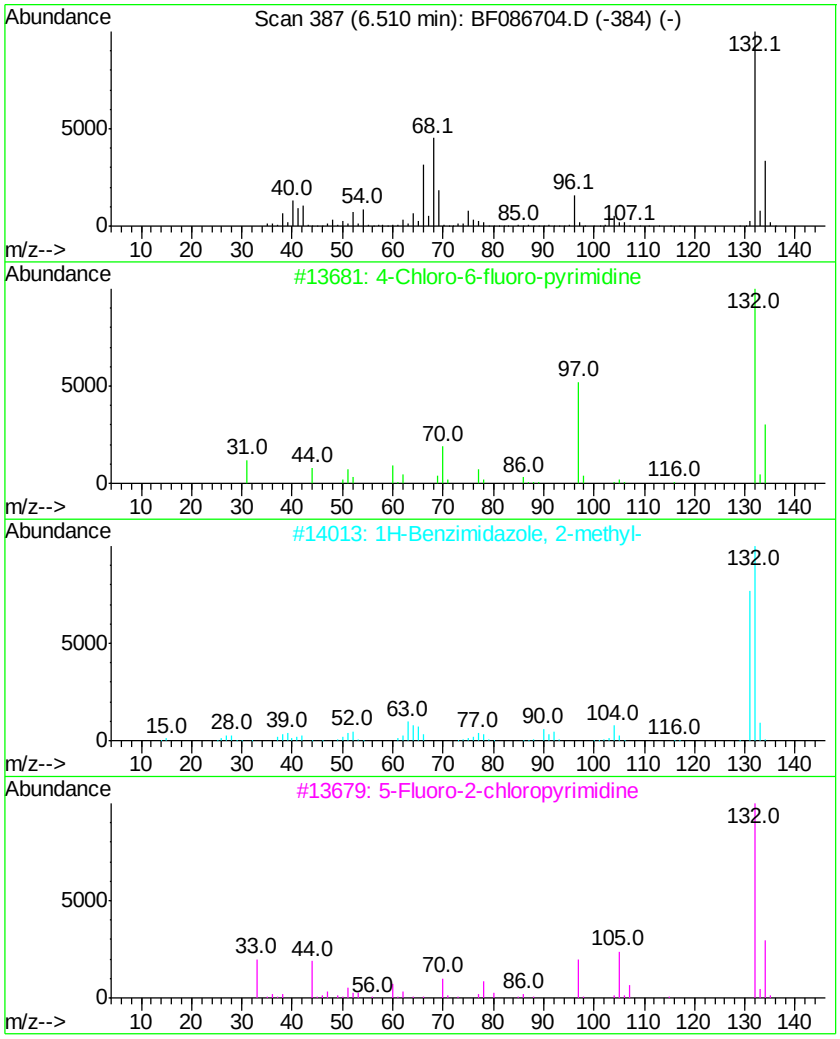
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

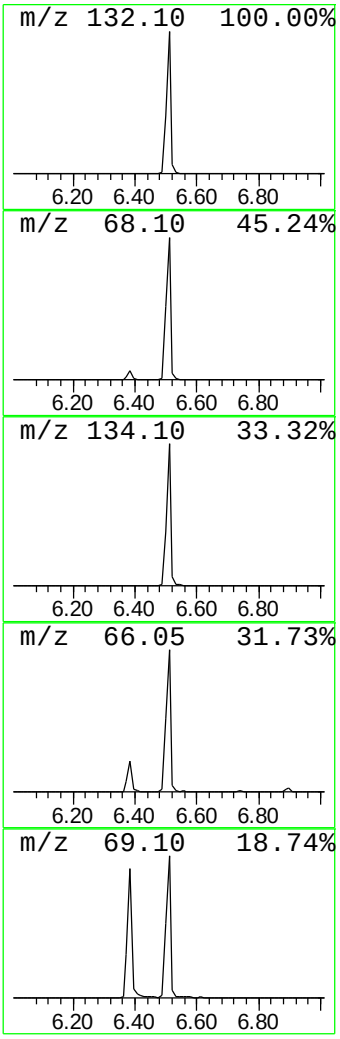
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	161.33 ng	4199070	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086704.D
Acq On : 5 May 2016 4:16
Operator : UM/SJ
Sample : H2829-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TD-B4(5-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

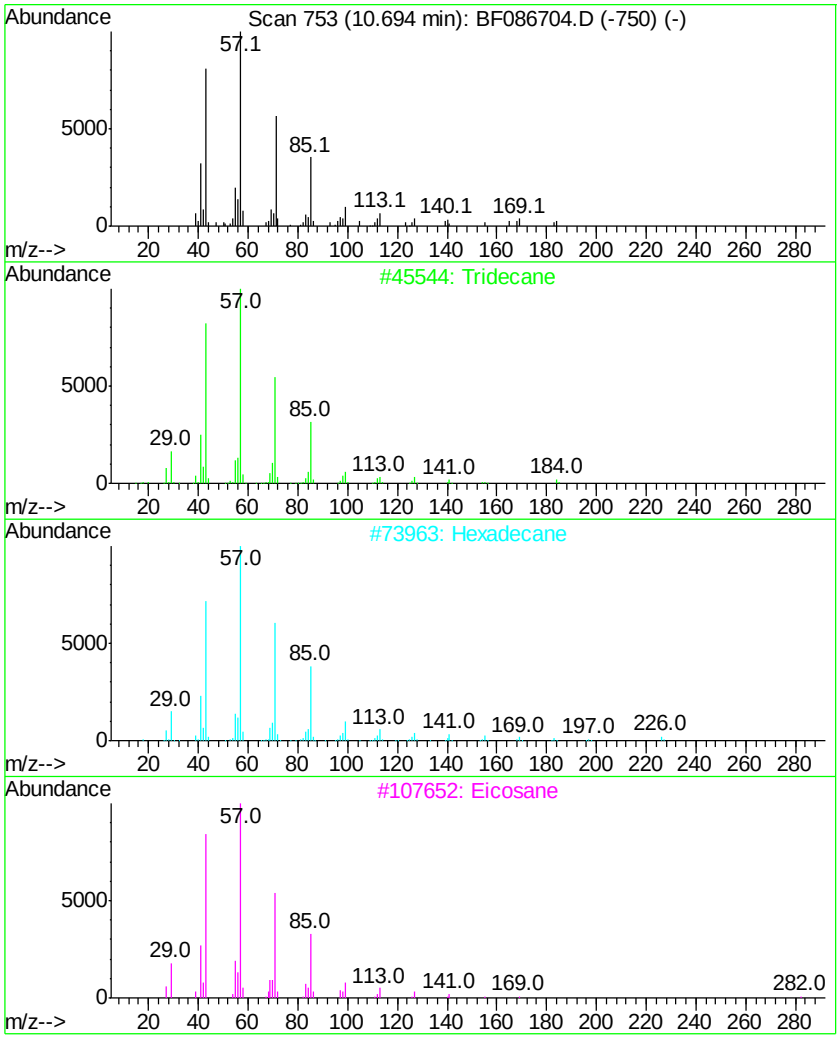
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

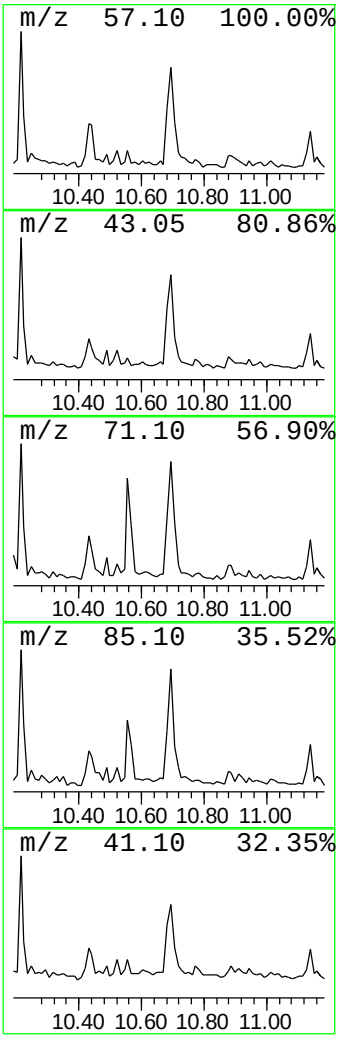
****

Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	4.45 ng	123076	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086704.D
Acq On : 5 May 2016 4:16
Operator : UM/SJ
Sample : H2829-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TD-B4(5-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

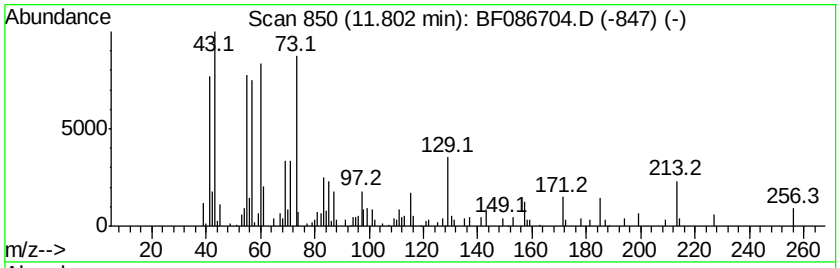
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

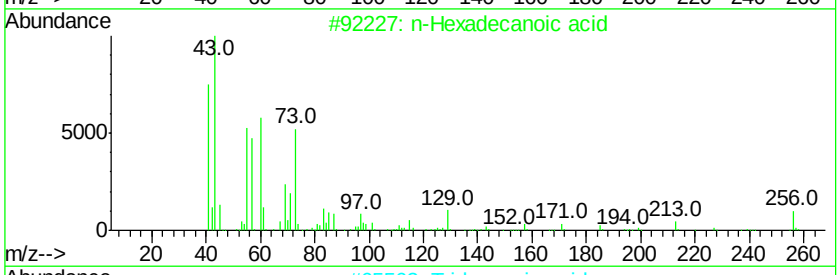
****

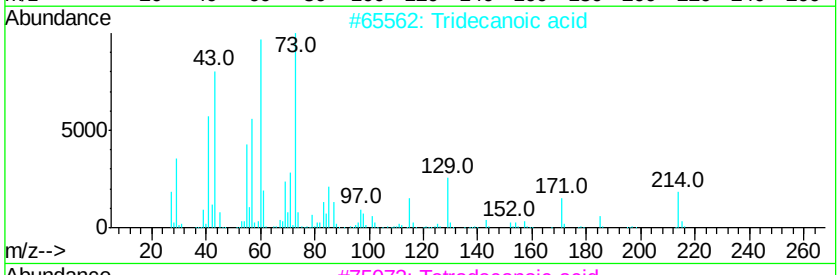
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

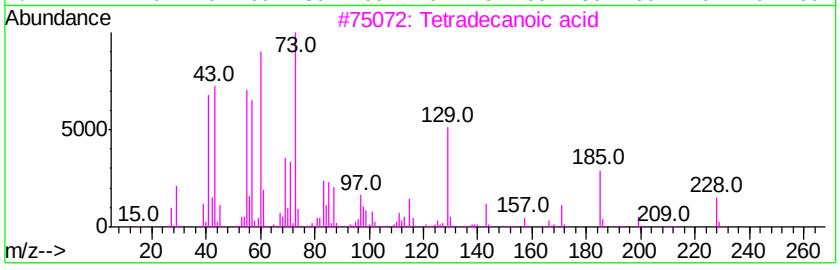
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.50 ng	207310	Phenanthrene-d10	11.25

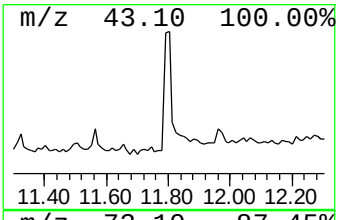
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60

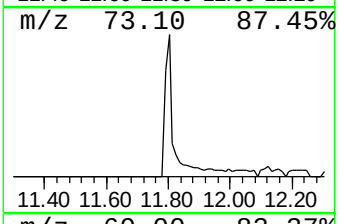


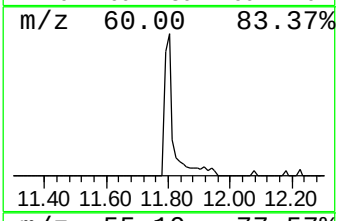


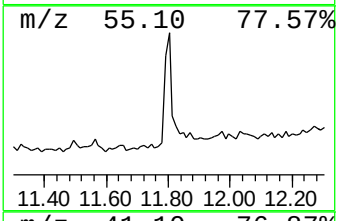


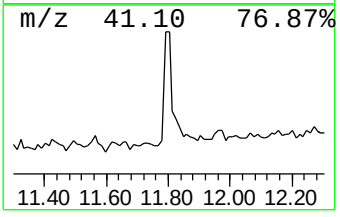












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Misc :
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Instrument : BNA_F
ClientSampleId : EUT01-TD-B4(5-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

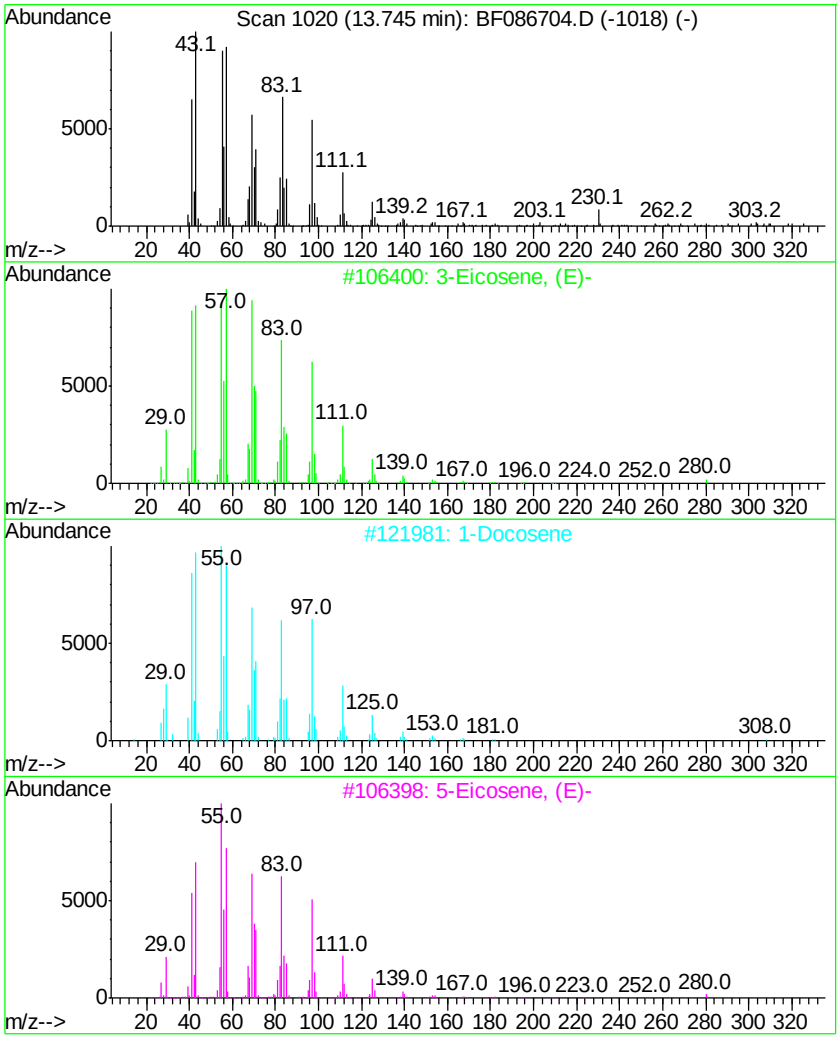
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

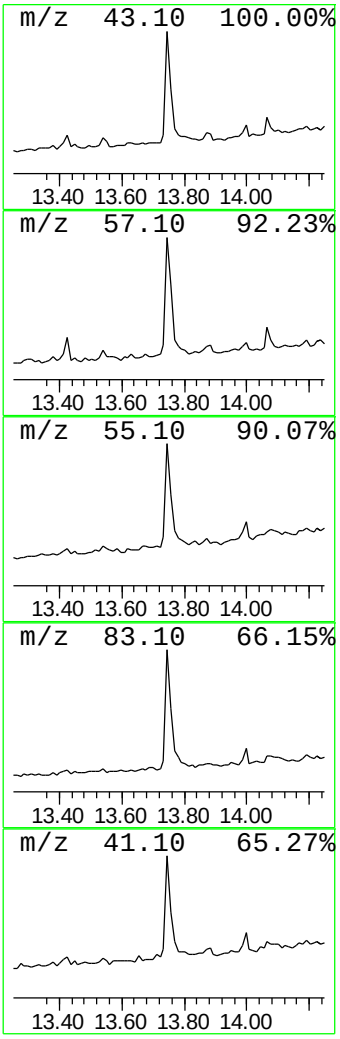
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	11.74 ng	337393	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	1-Docosene	308	C22H44	001599-67-3	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4	1-Eicosene	280	C20H40	003452-07-1	93
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086704.D
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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...	4.90	14.9	ng	388614	1	6.74	1041110	40.0
unknown6.51	6.51	161.3	ng	4199070	1	6.74	1041110	40.0
Tridecane	10.69	4.5	ng	123076	4	11.25	1105930	40.0
n-Hexadecanoic acid	11.80	7.5	ng	207310	4	11.25	1105930	40.0
3-Eicosene, (E)-	13.75	11.7	ng	337393	5	13.89	1149760	40.0