LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087261.D
Acq On : 21 May 2016 9:37
Operator : UM/SJ
Sample : H3151-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SED-9-0-2

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-BF051716.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	1.701	8	10	65	rVB	3402327	7122086	100.00%	16.368%
2	4.696	269	272	286	rBV	211911	548216	7.70%	1.260%
3	5.141	309	311	333	rBV	3252700	4067176	57.11%	9.347%
4	6.227	403	406	413	rBV	3478476	4068264	57.12%	9.350%
5	6.330	413	415	417	rBV	4546410	4381653	61.52%	10.070%
6	6.559	433	435	443	rVB	672368	841335	11.81%	1.934%
7	6.707	446	448	451	rBV	2922497	2811417	39.47%	6.461%
8	7.130	483	485	488	rBV	2322346	2673662	37.54%	6.145%
9	7.839	545	547	550	rBV	943587	1114679	15.65%	2.562%
10	8.925	639	642	644	rBV	4144248	4199056	58.96%	9.650%
11	9.325	675	677	681	rBV	659545	570085	8.00%	1.310%
12	9.530	693	695	697	rBV	75444	73626	1.03%	0.169%
13	9.588	697	700	704	rBV	1478840	1360204	19.10%	3.126%
14	10.033	735	739	740	rBV	141945	129273	1.82%	0.297%
15	10.376	767	769	772	rBV	2528056	2741038	38.49%	6.299%
16	10.502	778	780	787	rVB	157724	204806	2.88%	0.471%
17	11.062	827	829	832	rBV	1255523	1232813	17.31%	2.833%
18	11.611	872	877	881	rBV2	54145	130716	1.84%	0.300%
19	12.479	951	953	956	rBV	90541	80516	1.13%	0.185%
20	12.651	965	968	970	rBV	2806457	3209137	45.06%	7.375%
21	13.565	1045	1048	1056	rBV	134094	315026	4.42%	0.724%
22	13.691	1056	1059	1064	rVV	972614	941806	13.22%	2.164%
23	15.040	1175	1177	1188	rBV	483628	695788	9.77%	1.599%

Sum of corrected areas: 43512378

LSC Report - Integrated Chromatogram

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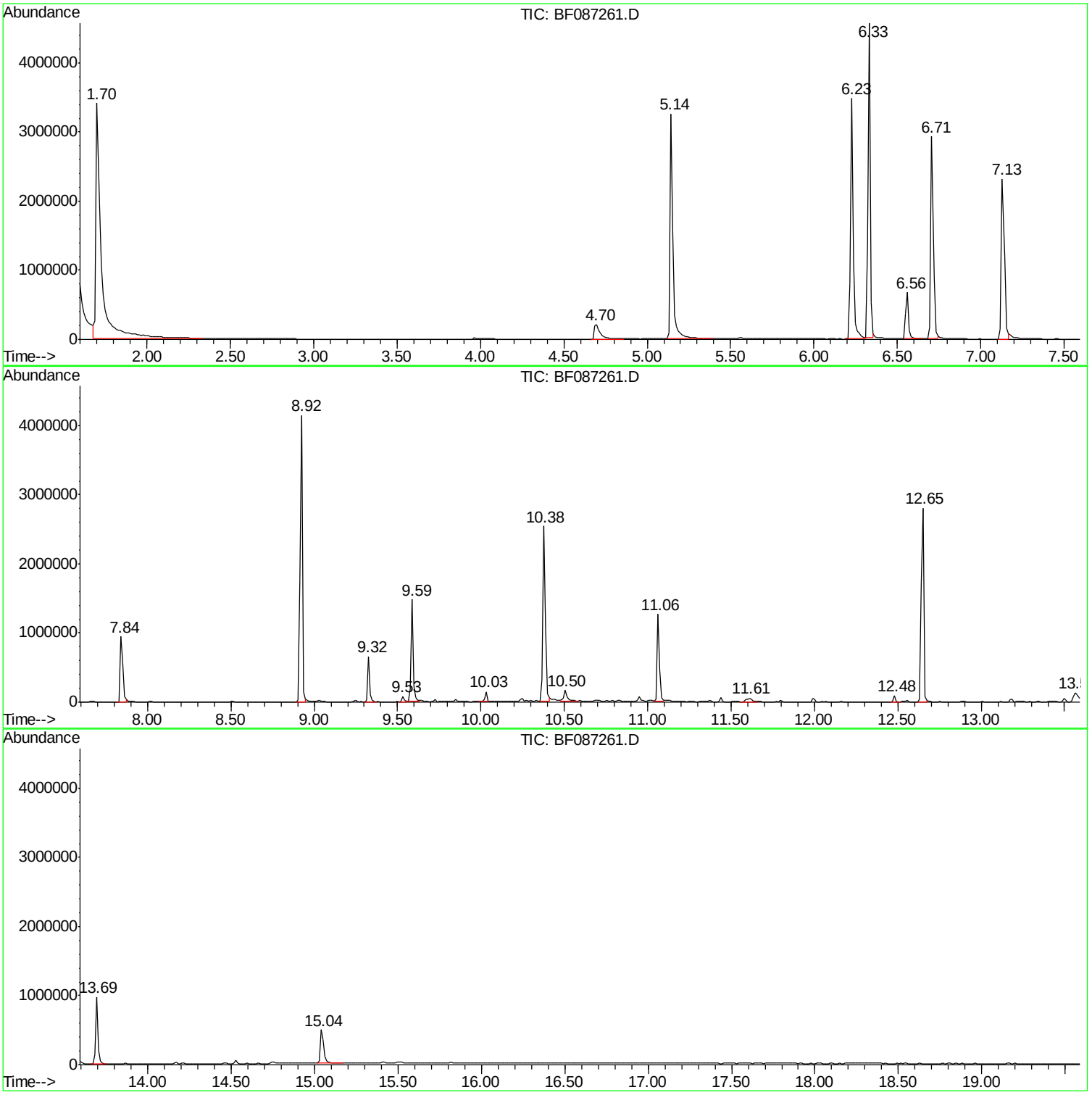
Instrument : BNA_F
ClientSampleId : SED-9-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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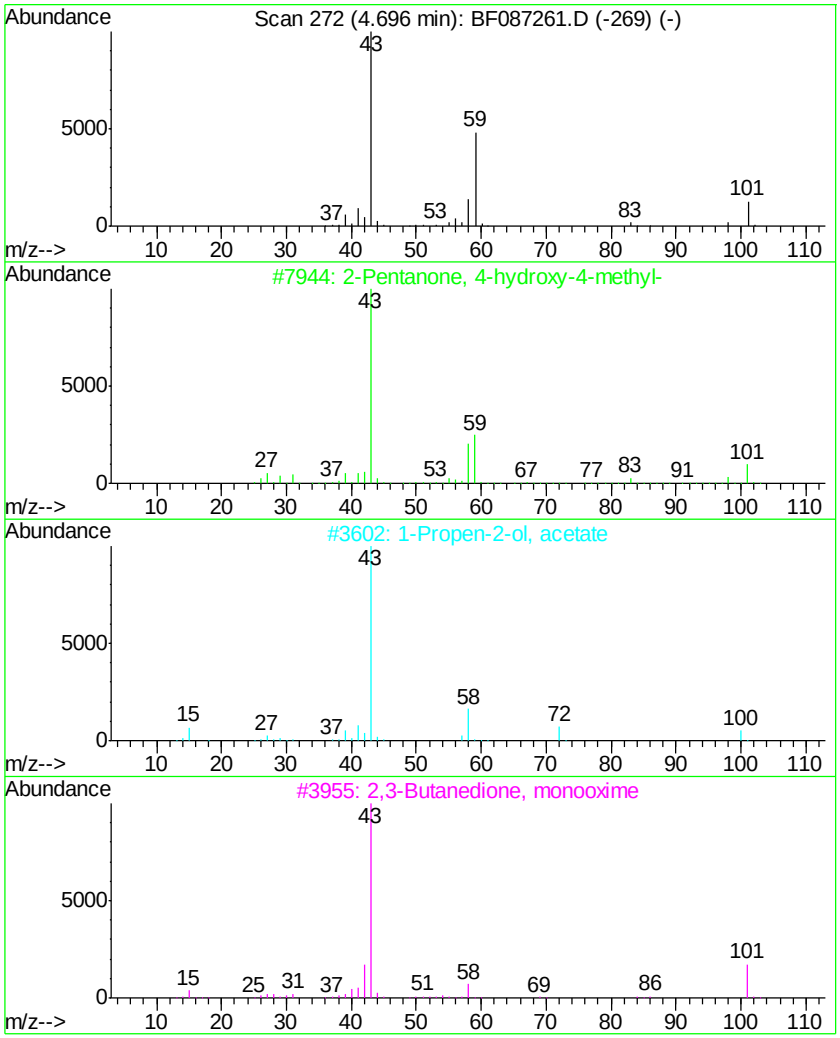
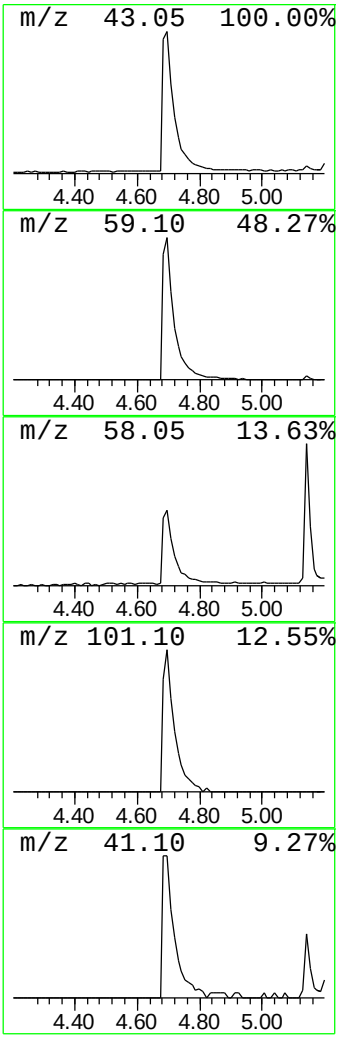
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	13.03 ng	548216	1,4-Dichlorobenzene-d4	6.56

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	Butane	58	C4H10	000106-97-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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Instrument : BNA_F
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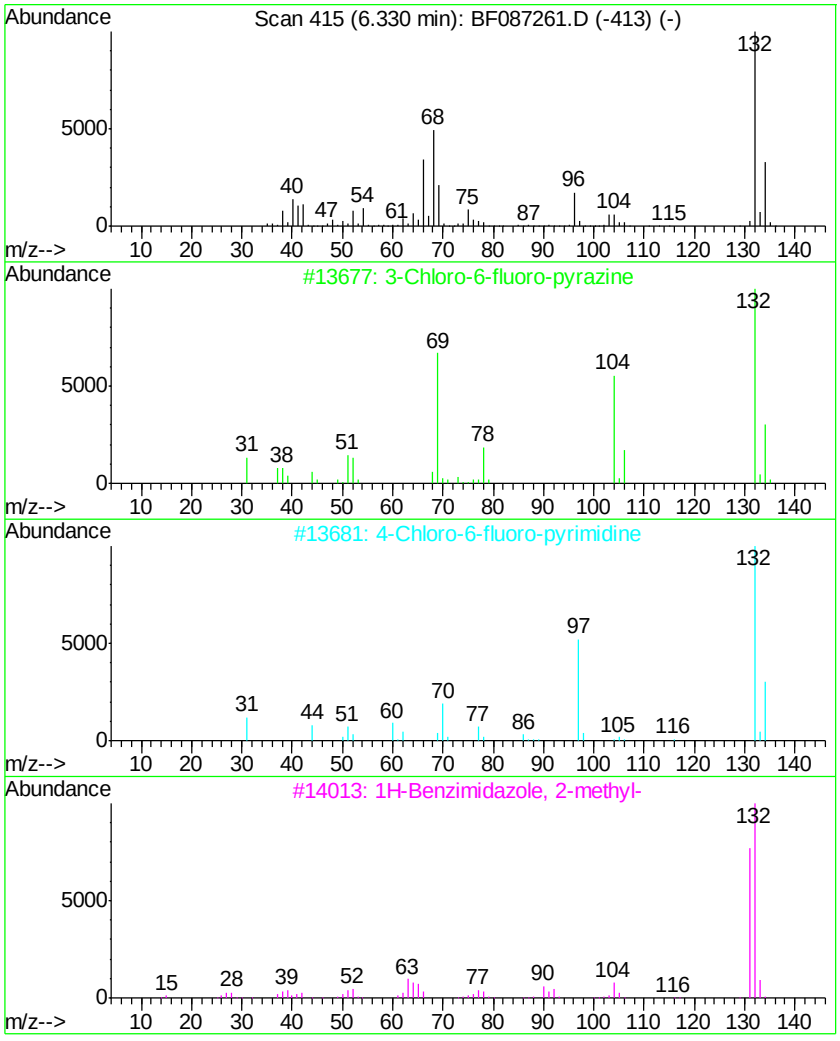
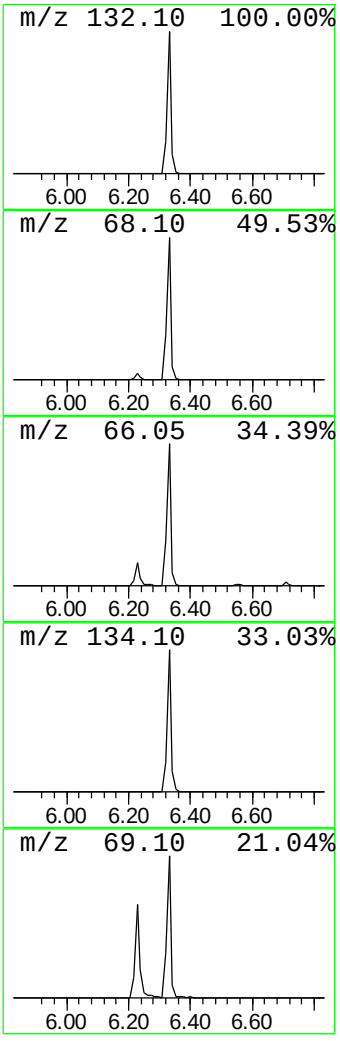
Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	104.16 ng	4381650	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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ClientSampleId : SED-9-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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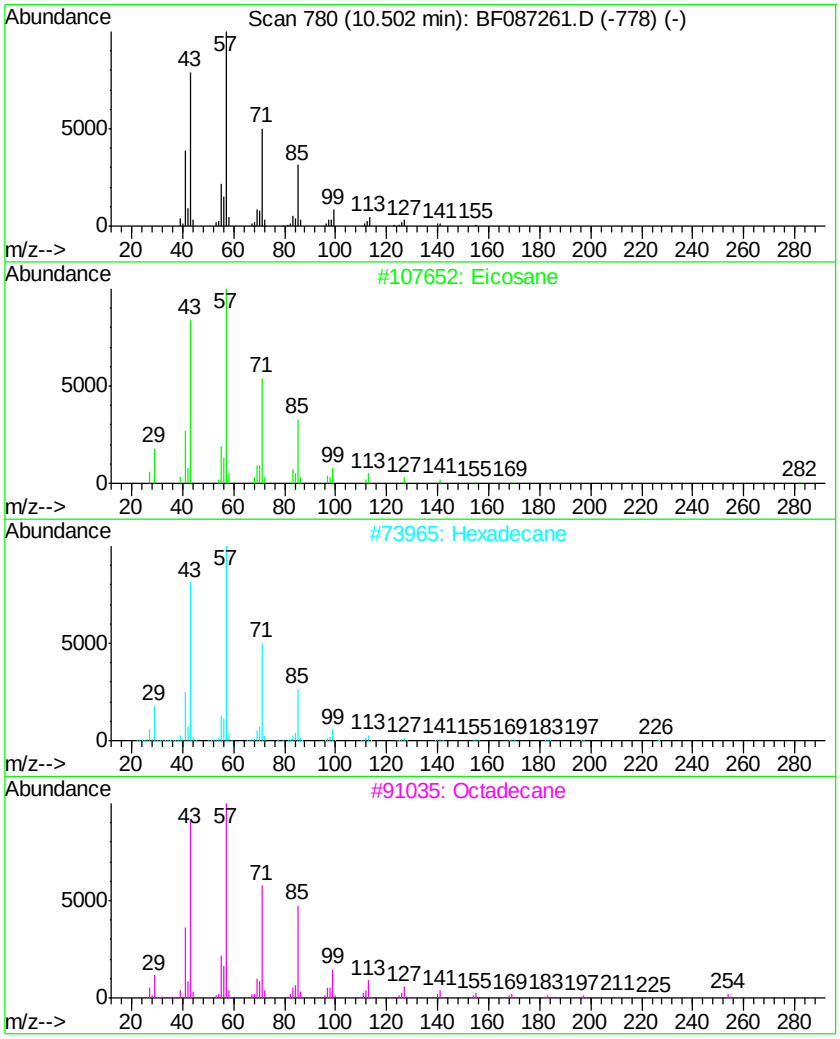
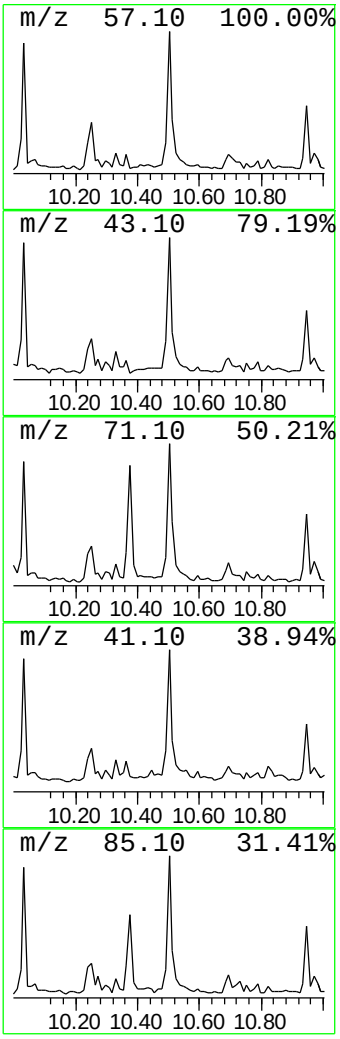
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.32 ng	204806	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Tridecane	184	C13H28	000629-50-5	78
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72





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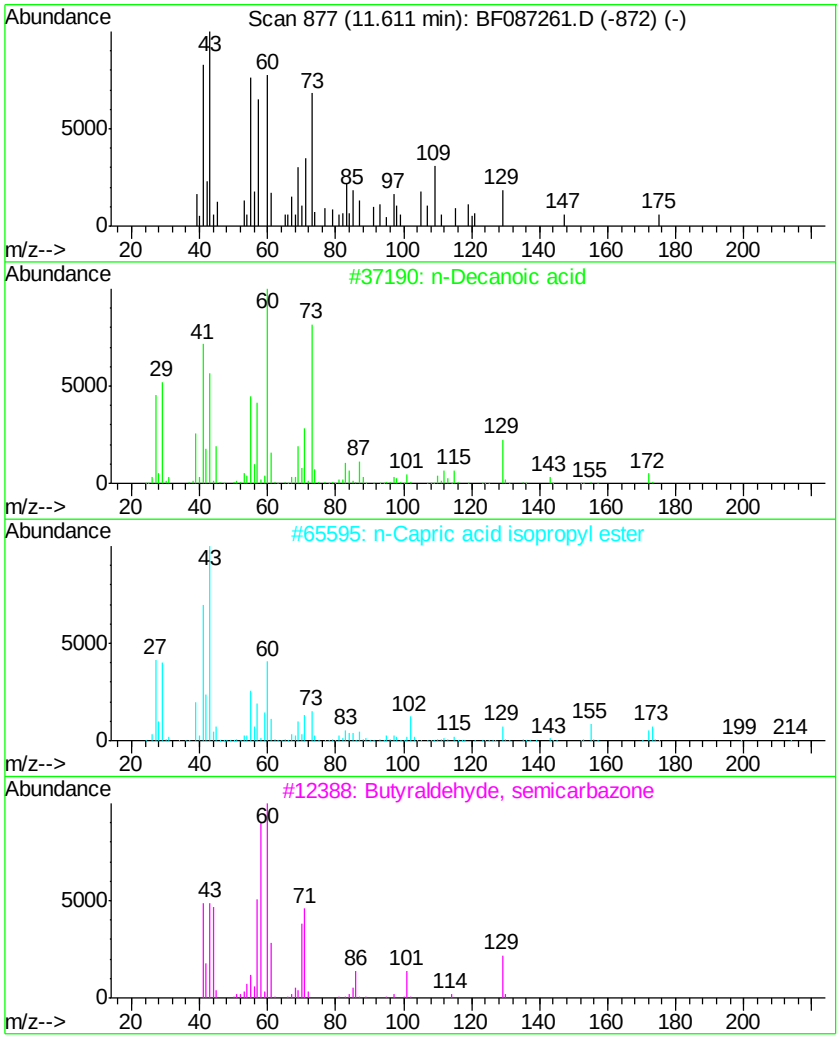
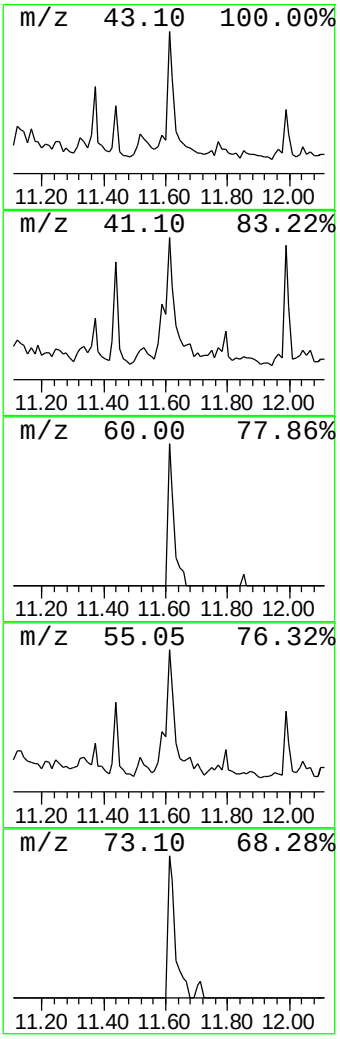
Peak Number 6 unknown11.61 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.12 ng	130716	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	47
2	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
3	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	38
4	Nonanoic acid	158	C9H18O2	000112-05-0	37
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
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Acq On : 21 May 2016 9:37
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Instrument : BNA_F
ClientSampleId : SED-9-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

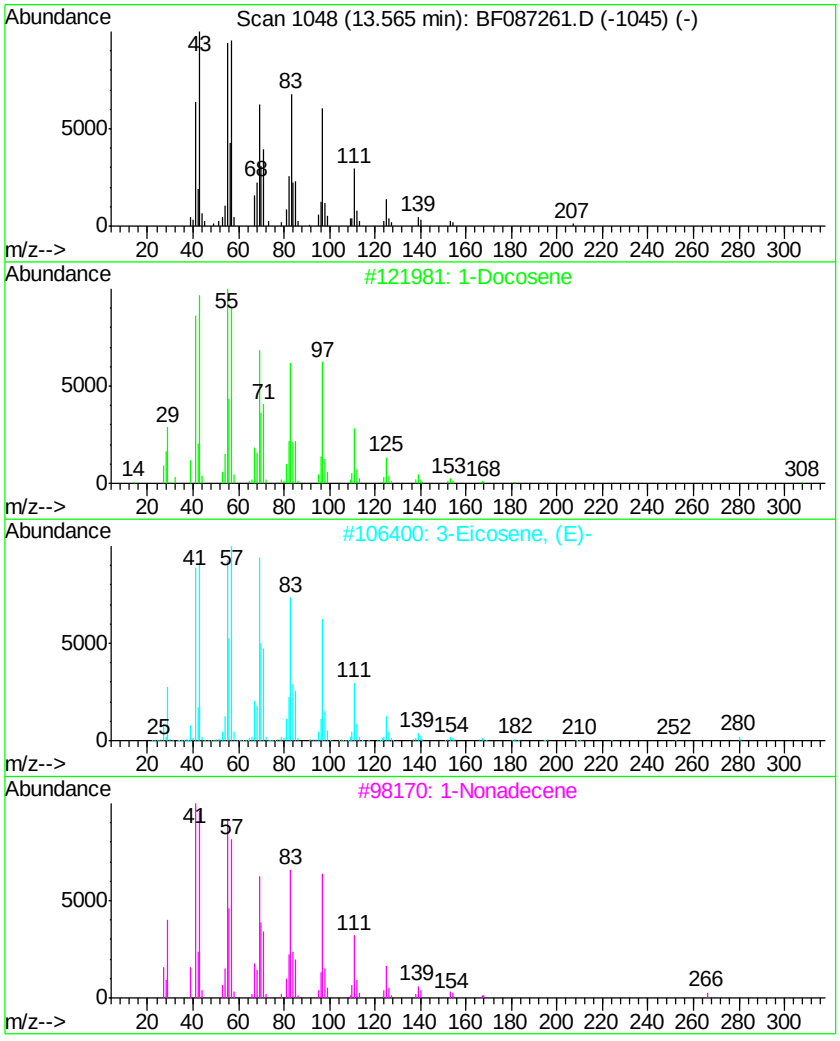
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

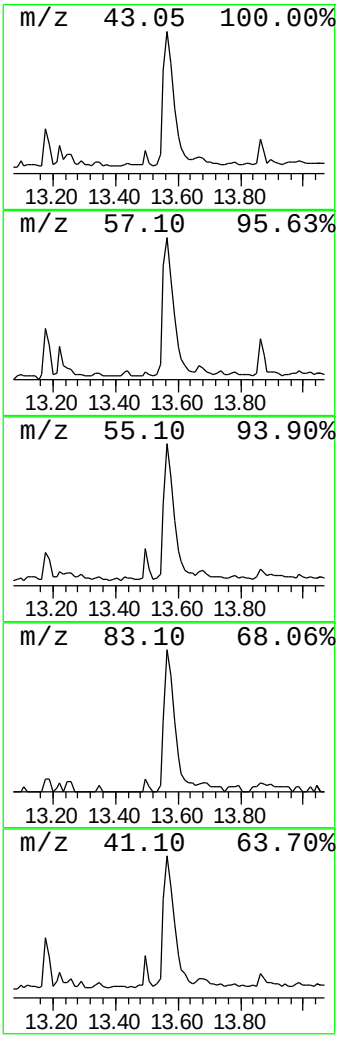
****

Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	6.69 ng	315026	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Tentatively Identified Compound (LSC) summary

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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...	4.70	13.0	ng	548216	1	6.56	841335	20.0
unknown6.33	6.33	104.2	ng	4381650	1	6.56	841335	20.0
Eicosane	10.50	3.3	ng	204806	4	11.06	1232810	20.0
unknown11.61	11.61	2.1	ng	130716	4	11.06	1232810	20.0
1-Docosene	13.57	6.7	ng	315026	5	13.69	941806	20.0