LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

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-BF090115.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	1.543	16	18	65	rVB	1118748	3853601	100.00%	38.550%
2	4.480	272	275	287	rBV	59083	132858	3.45%	1.329%
3	5.383	351	354	369	rBB	97931	212869	5.52%	2.129%
4	7.646	550	552	558	rBV	118045	232309	6.03%	2.324%
5	7.749	558	561	571	rVB	136710	256243	6.65%	2.563%
6	8.229	600	603	609	rBB	254241	404399	10.49%	4.045%
7	8.549	628	631	637	rBB	97357	171607	4.45%	1.717%
8	9.521	713	716	727	rBB	93806	154593	4.01%	1.547%
9	11.132	853	857	861	rBV	329690	525622	13.64%	5.258%
10	13.772	1084	1088	1091	rBV	179895	262010	6.80%	2.621%
11	14.824	1178	1180	1184	rBV	25637	41516	1.08%	0.415%
12	15.270	1215	1219	1223	rBV2	318288	523319	13.58%	5.235%
13	17.167	1381	1385	1391	rBB2	67920	122819	3.19%	1.229%
14	17.807	1438	1441	1449	rBV	12909	40583	1.05%	0.406%
15	18.779	1522	1526	1528	rBV	262957	446074	11.58%	4.462%
16	18.824	1528	1530	1533	rVV	55915	83023	2.15%	0.831%
17	21.442	1750	1759	1761	rBV2	131271	227915	5.91%	2.280%
18	21.785	1787	1789	1793	rBV	120682	174844	4.54%	1.749%
19	22.036	1809	1811	1814	rVB	188319	248272	6.44%	2.484%
20	22.116	1816	1818	1820	rBV	173184	188035	4.88%	1.881%
21	22.951	1889	1891	1894	rBV2	133324	175653	4.56%	1.757%
22	23.396	1925	1930	1931	rBV2	388403	531687	13.80%	5.319%
23	23.419	1931	1932	1934	rVB	93092	97187	2.52%	0.972%
24	23.728	1957	1959	1961	rBV	34151	42818	1.11%	0.428%
25	24.048	1985	1987	1991	rVV	31067	42550	1.10%	0.426%
26	24.356	2012	2014	2016	rBV2	38340	42183	1.09%	0.422%
27	24.494	2023	2026	2030	rBV	85992	167078	4.34%	1.671%
28	24.654	2037	2040	2041	rBV	31464	46573	1.21%	0.466%
29	24.734	2045	2047	2049	rBV	49595	54054	1.40%	0.541%
30	24.779	2049	2051	2053	rBV	53029	59354	1.54%	0.594%
31	24.836	2053	2056	2058	rBV	186706	268985	6.98%	2.691%
32	24.928	2063	2064	2070	rVB	32416	62521	1.62%	0.625%
33	25.236	2089	2091	2093	rVB	27414	41297	1.07%	0.413%
34	25.888	2145	2148	2152	rBV	28226	61848	1.60%	0.619%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-12(0-5)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

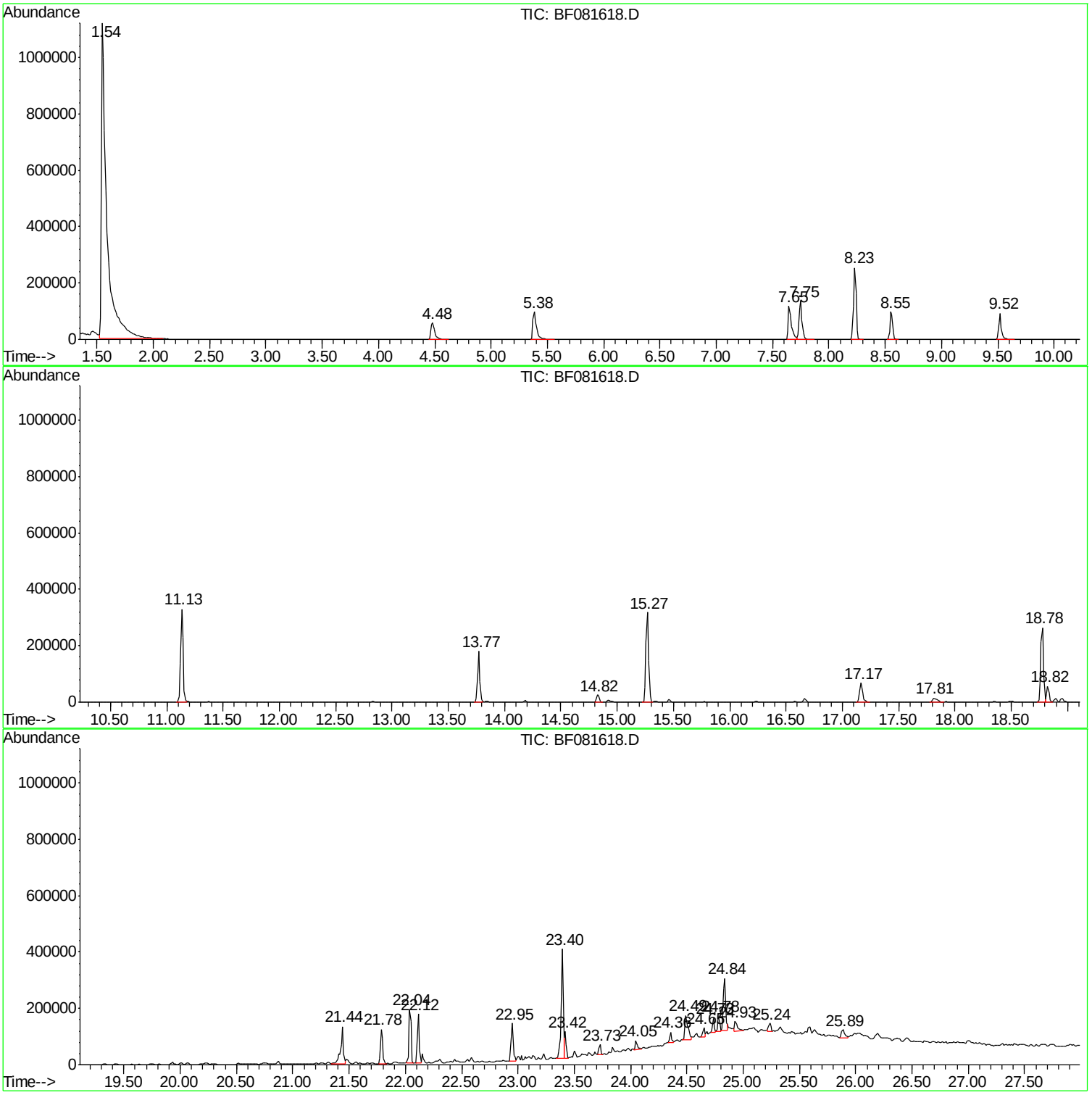
Sum of corrected areas: 9996299

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

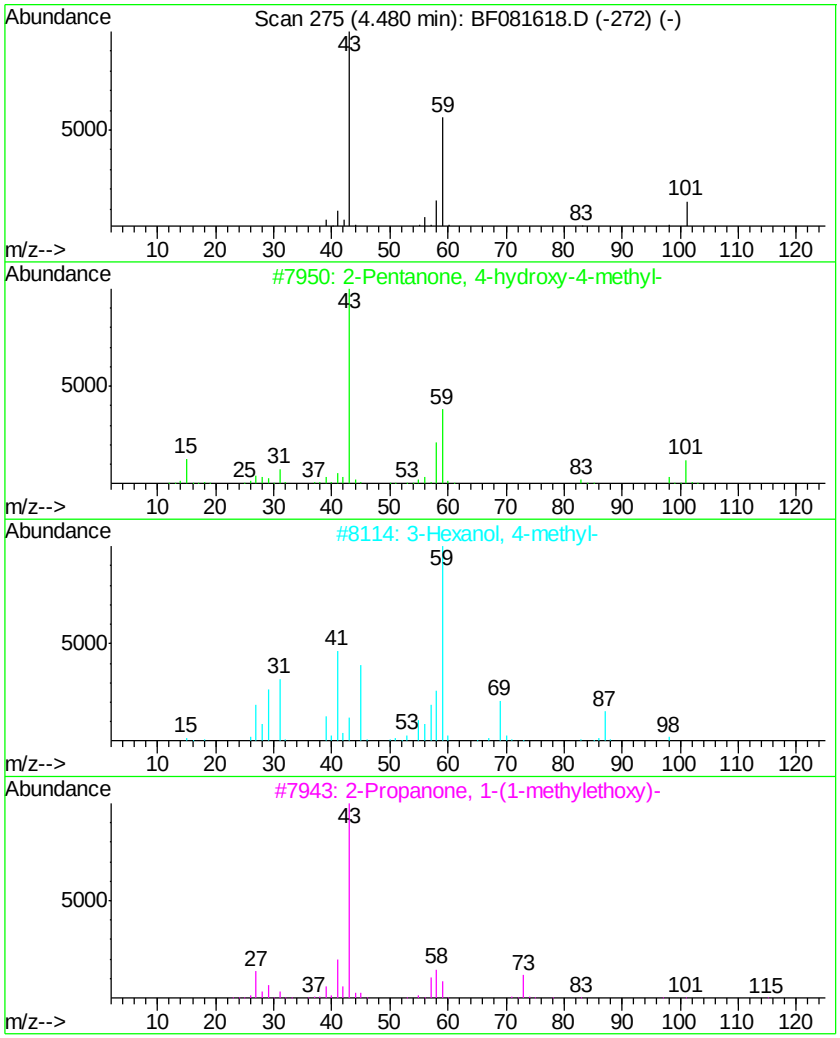
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

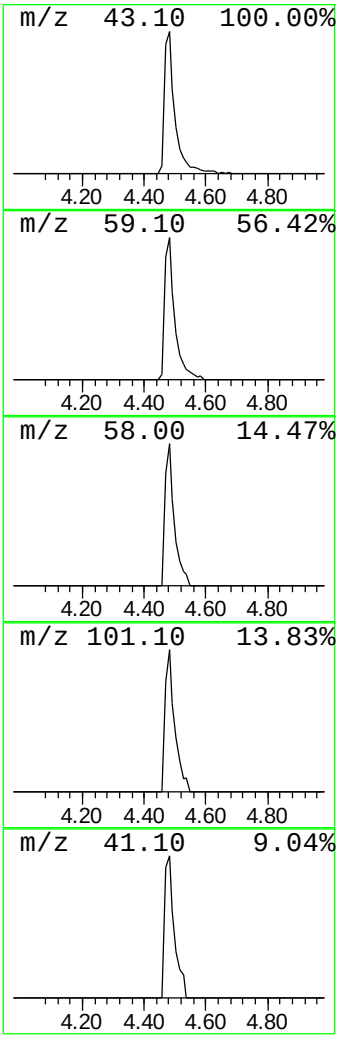
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	6.57 ng	132858	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

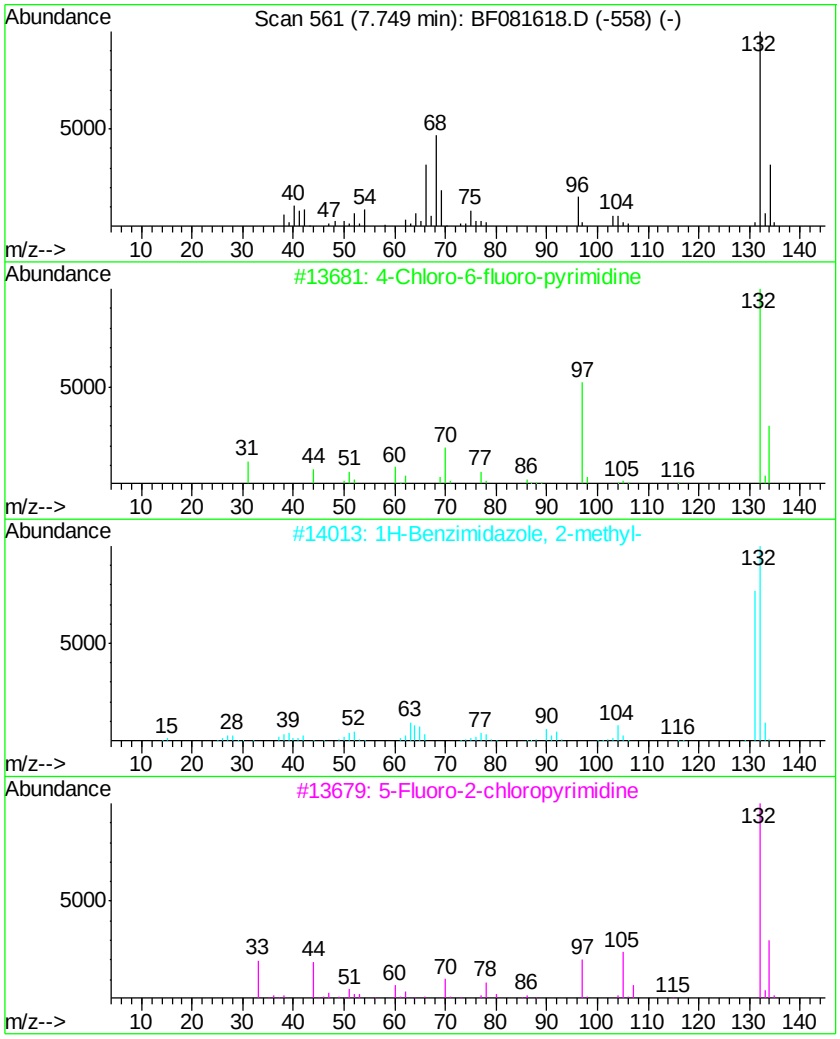
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

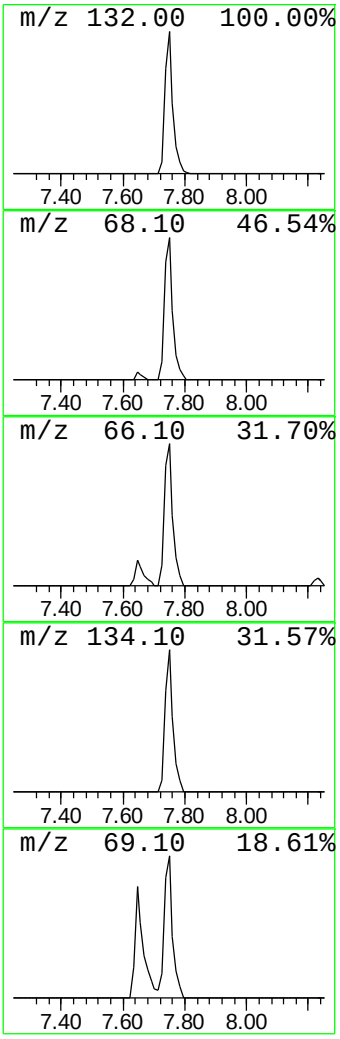
****

Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	12.67 ng	256243	1,4-Dichlorobenzene-d4	8.23

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	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

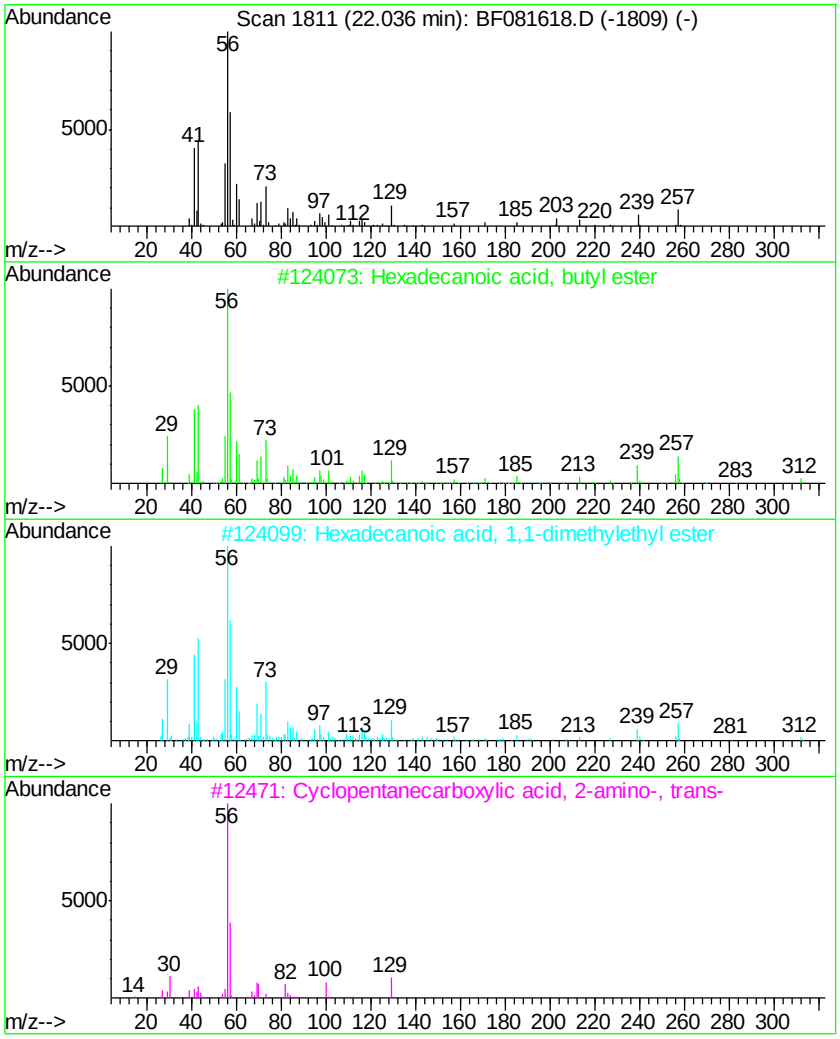
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

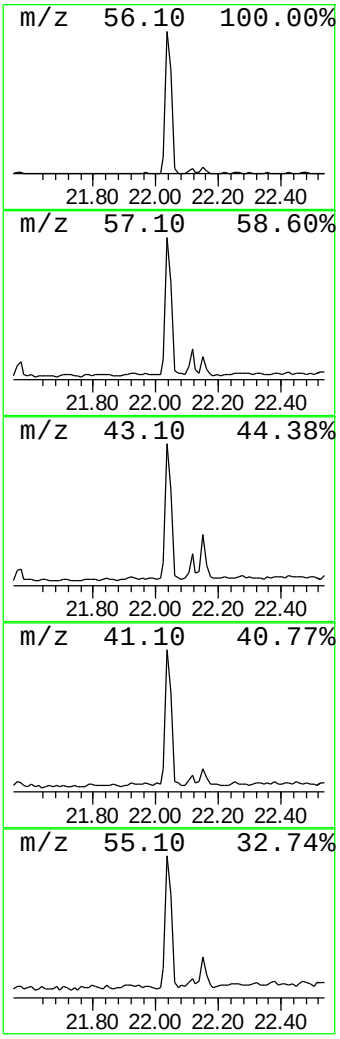
****

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	9.34 ng	248272	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
4	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	38
5	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

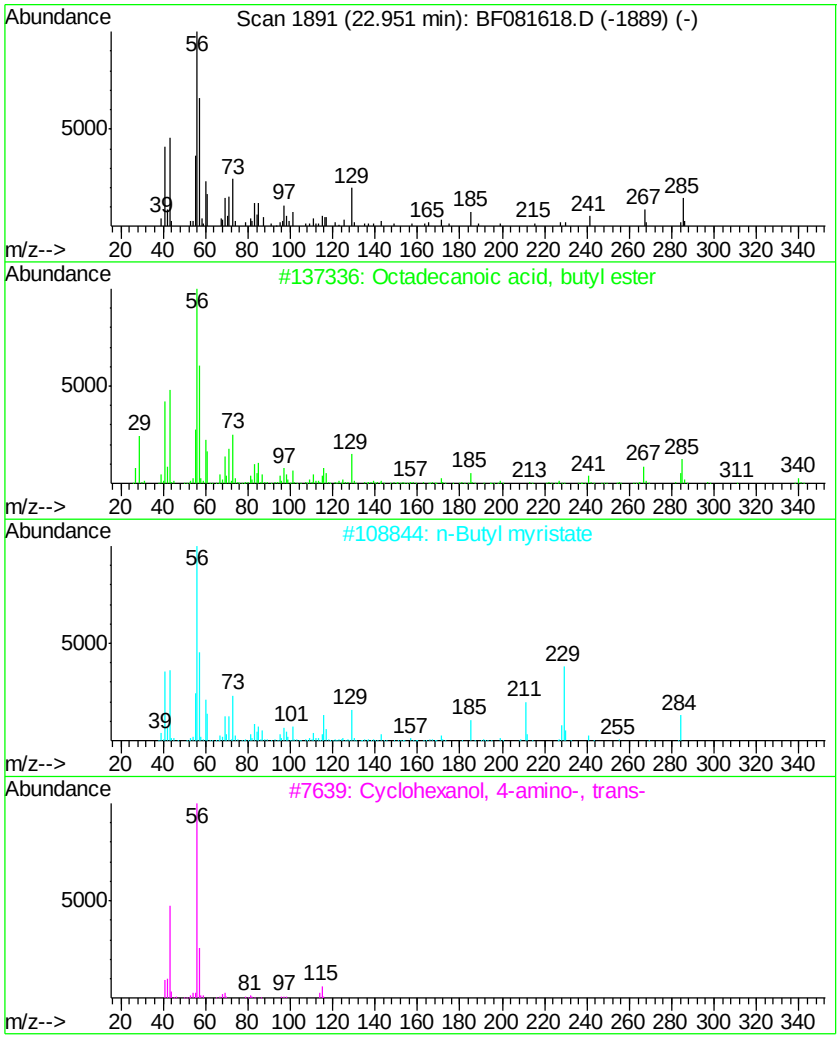
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

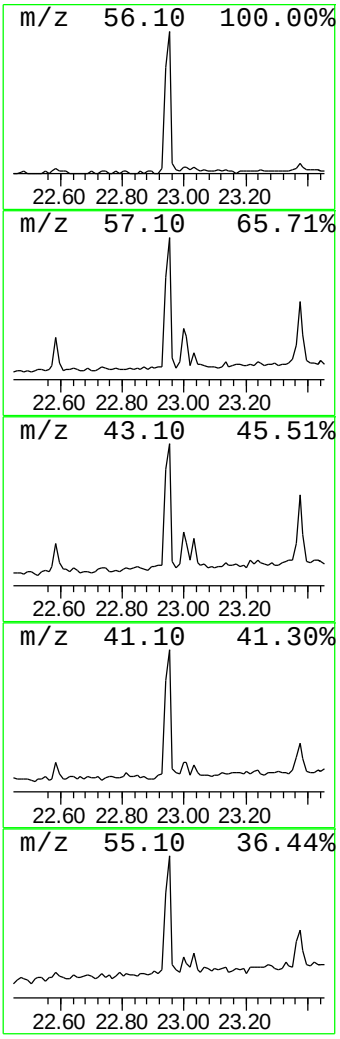
****

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	6.61 ng	175653	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38
4	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
5	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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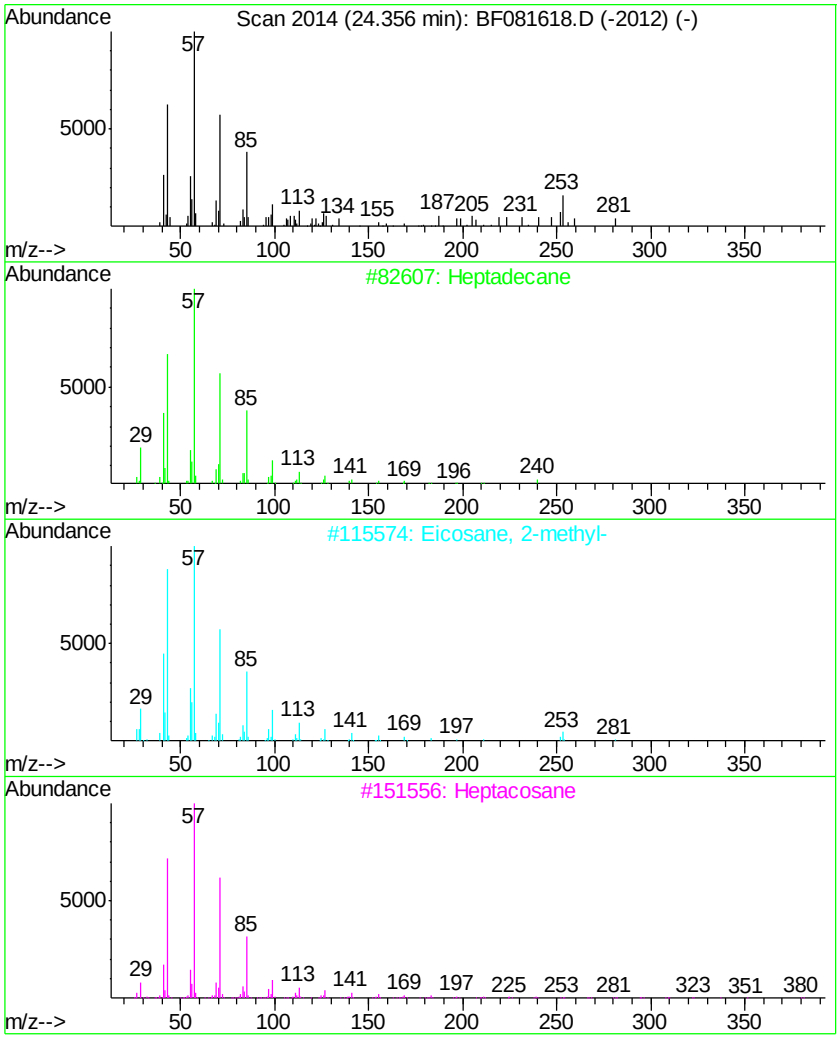
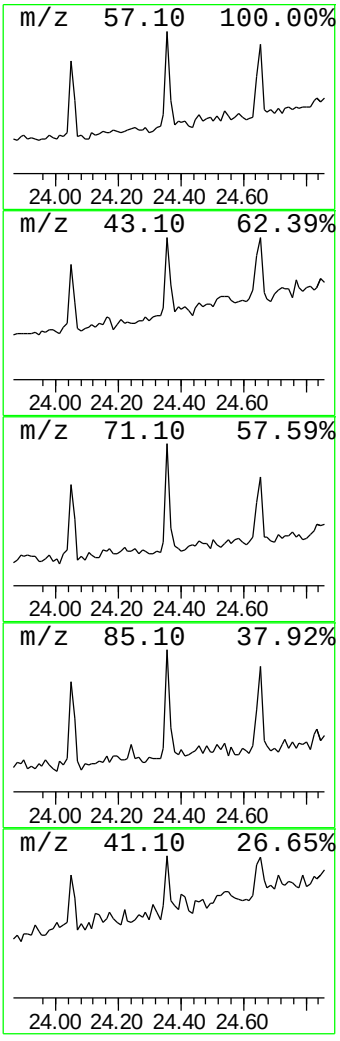
Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	3.14 ng	42183	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
3	Heptacosane	380	C27H56	000593-49-7	62
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
5	Eicosane	282	C20H42	000112-95-8	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

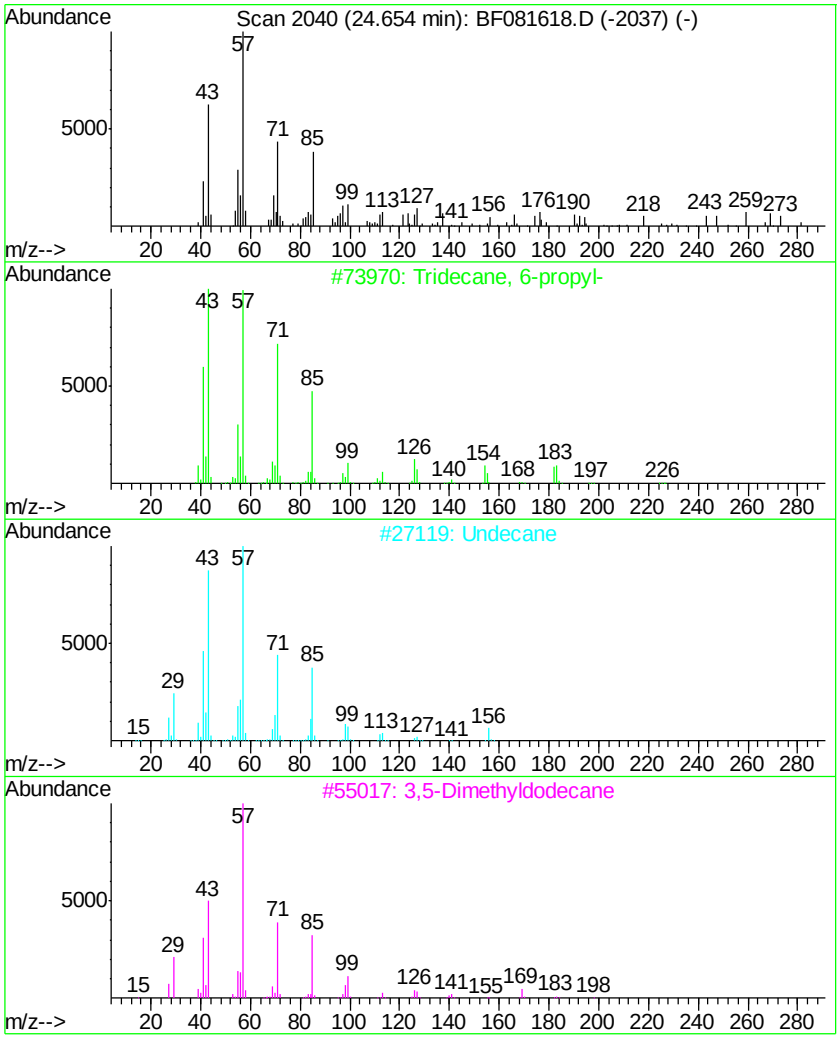
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

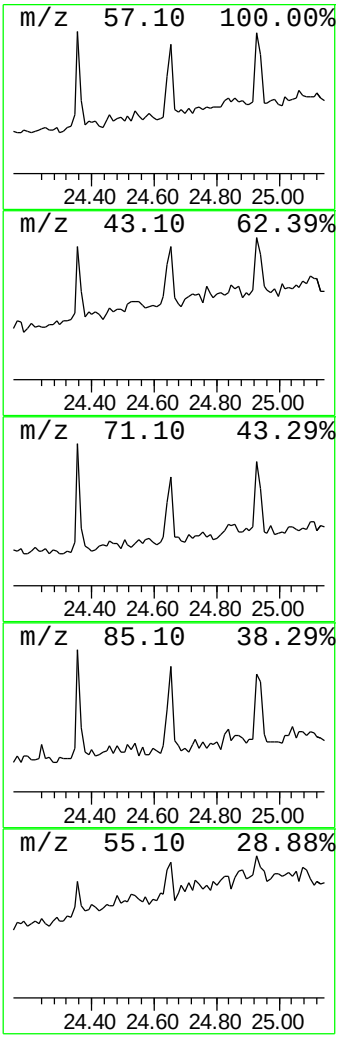
****

Peak Number 8 Tridecane, 6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	3.46 ng	46573	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	53
2	Undecane	156	C11H24	001120-21-4	53
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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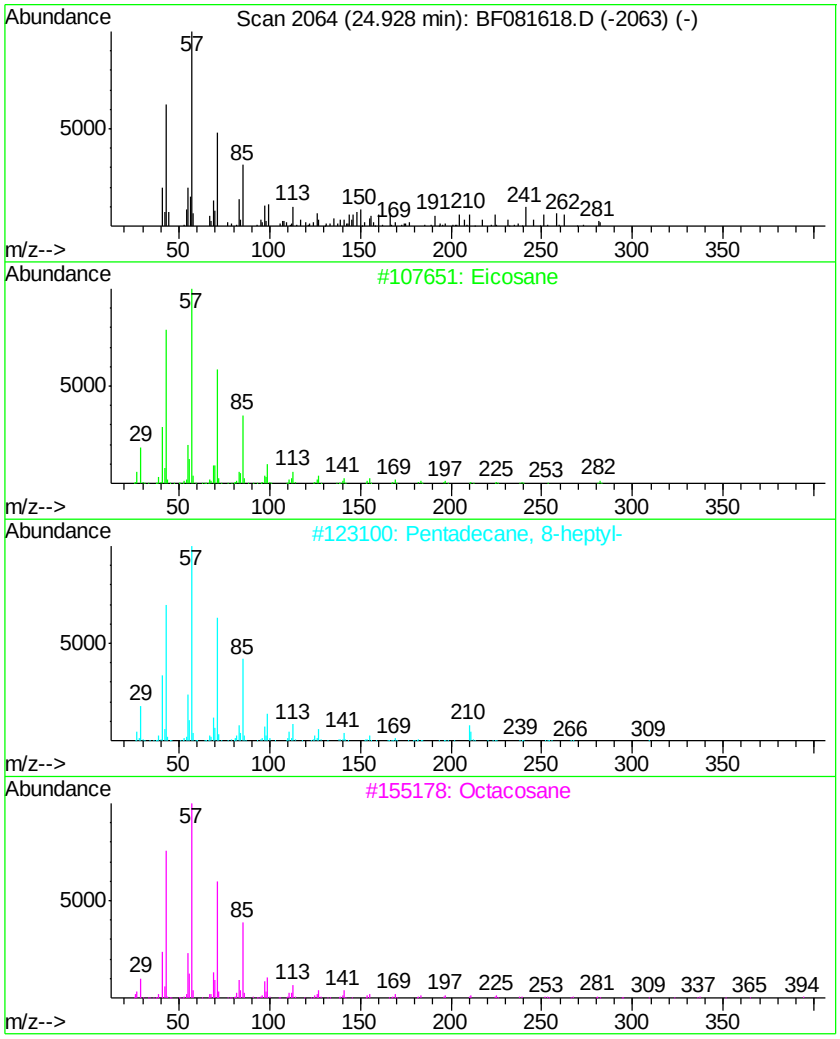
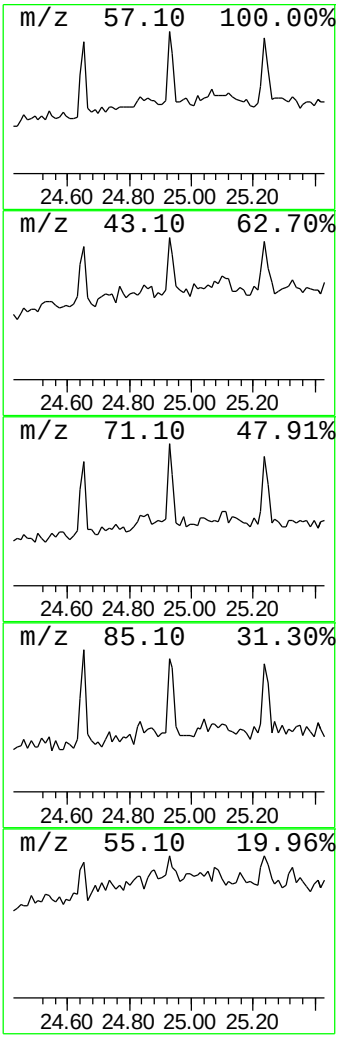
Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	4.65 ng	62521	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	49
3	Octacosane	394	C28H58	000630-02-4	49
4	Docosane	310	C22H46	000629-97-0	46
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

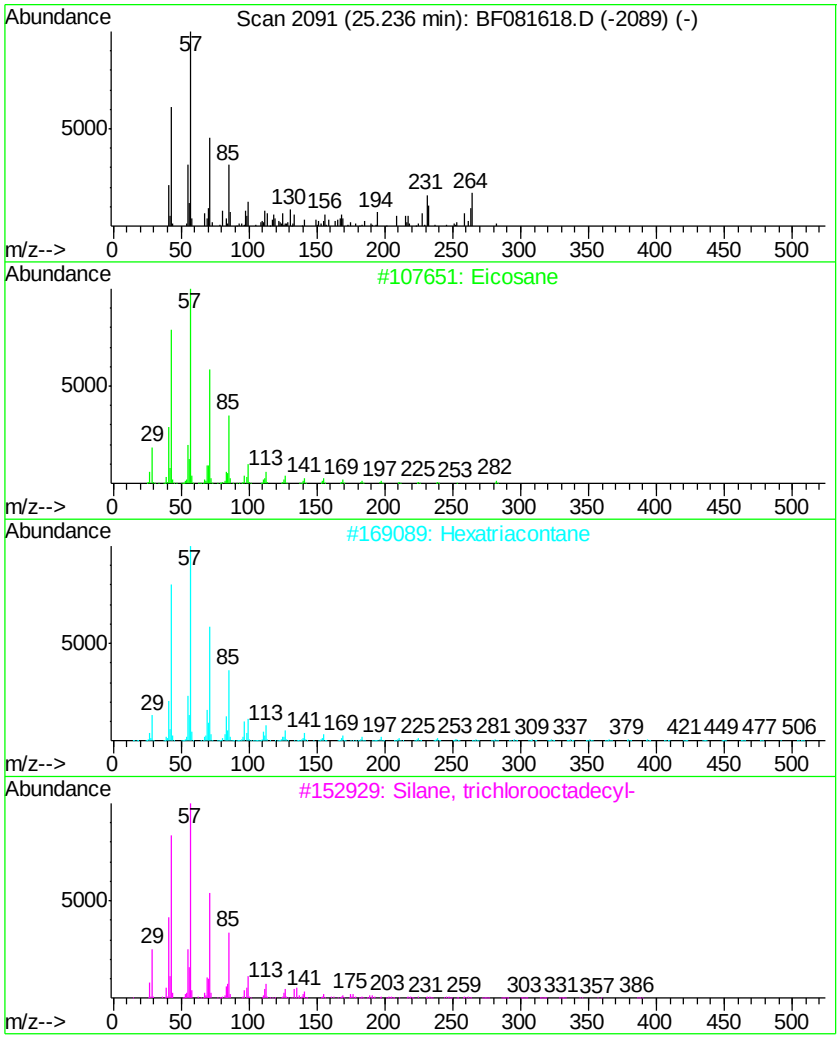
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

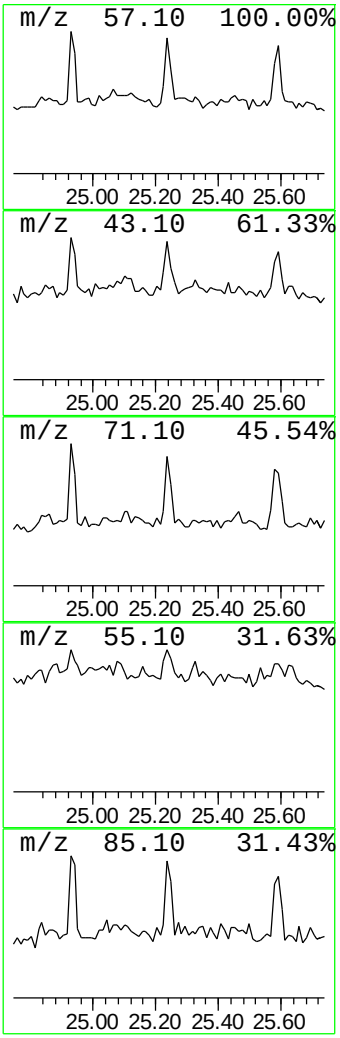
****

Peak Number 10 Hexatriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	3.07 ng	41297	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Hexatriacontane	507	C36H74	000630-06-8	52
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	52
4	Undecane	156	C11H24	001120-21-4	52
5	Tetracosane	338	C24H50	000646-31-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081618.D
Acq On : 14 Sep 2015 21:17
Operator : UM/IZ
Sample : G3597-12 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-12(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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...	4.48	6.6	ng	132858	1	8.23	404399	20.0
unknown7.75	7.75	12.7	ng	256243	1	8.23	404399	20.0
Hexadecanoic acid...	22.04	9.3	ng	248272	5	23.40	531687	20.0
Octadecanoic acid...	22.95	6.6	ng	175653	5	23.40	531687	20.0
Heptadecane	24.36	3.1	ng	42183	6	24.84	268985	20.0
Tridecane, 6-propyl-	24.65	3.5	ng	46573	6	24.84	268985	20.0
Eicosane	24.93	4.7	ng	62521	6	24.84	268985	20.0
Hexatriacontane	25.24	3.1	ng	41297	6	24.84	268985	20.0