LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112085.D
Acq On : 17 Jan 2019 13:23
Operator : JU/SJ
Sample : K1167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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	2.163	9	13	22	rVB	165583	243690	3.18%	0.374%
2	3.410	223	225	234	rBV	57951	120347	1.57%	0.185%
3	5.087	506	510	520	rVB	309746	430204	5.61%	0.660%
4	5.504	576	581	584	rBV	6869911	6733903	87.80%	10.337%
5	6.510	747	752	769	rBV	6723965	7669364	100.00%	11.773%
6	6.639	769	774	777	rBV	7888259	7405731	96.56%	11.368%
7	6.863	808	812	819	rBV	2131482	1741813	22.71%	2.674%
8	7.022	834	839	842	rBV	6636656	5885644	76.74%	9.035%
9	7.422	902	907	910	rBV	4372670	4563185	59.50%	7.005%
10	8.145	1026	1030	1033	rBV	2486828	2160859	28.18%	3.317%
11	9.222	1208	1213	1216	rBV	7853499	7610333	99.23%	11.682%
12	9.604	1275	1278	1282	rBV	847247	765603	9.98%	1.175%
13	9.898	1324	1328	1332	rBV	2845288	2328166	30.36%	3.574%
14	10.692	1458	1463	1466	rBV	4620380	4486899	58.50%	6.888%
15	11.386	1577	1581	1584	rBV	2350546	2010112	26.21%	3.086%
16	11.910	1667	1670	1673	rBV	83138	81842	1.07%	0.126%
17	12.968	1846	1850	1853	rBV	6541685	5965756	77.79%	9.158%
18	13.857	1998	2001	2007	rBV	531984	598877	7.81%	0.919%
19	14.027	2026	2030	2034	rBV	1939404	1838483	23.97%	2.822%
20	14.486	2105	2108	2113	rBV	168224	202463	2.64%	0.311%
21	14.792	2158	2160	2164	rVB	171232	152334	1.99%	0.234%
22	14.868	2170	2173	2177	rBV	182064	191274	2.49%	0.294%
23	15.133	2215	2218	2221	rBV	173546	184881	2.41%	0.284%
24	15.504	2276	2281	2293	rVB	1253116	1772383	23.11%	2.721%

Sum of corrected areas: 65144146

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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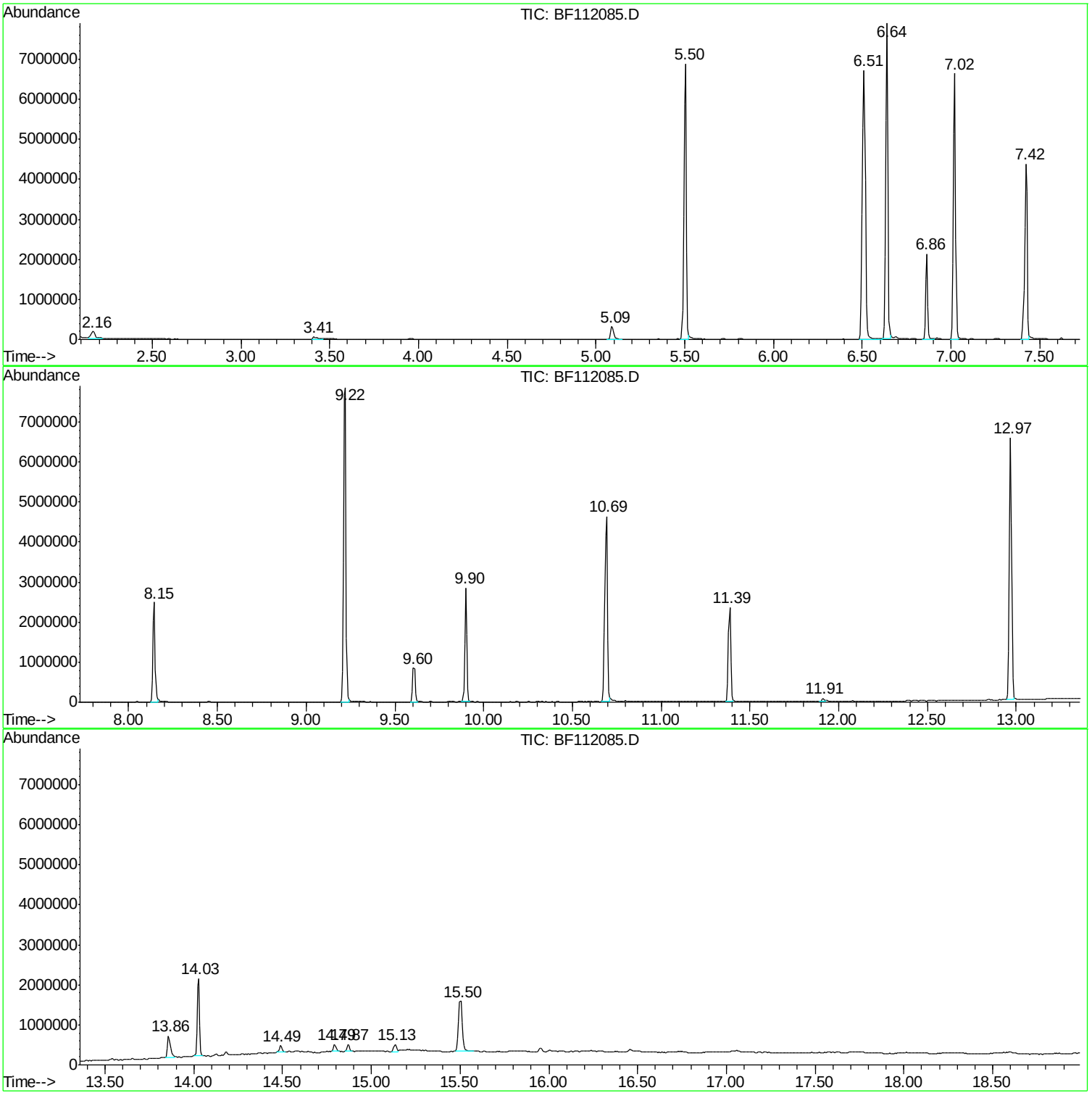
Sample : K1167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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 : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112085.D
Acq On : 17 Jan 2019 13:23
Operator : JU/SJ
Sample : K1167-01
Misc :
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Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

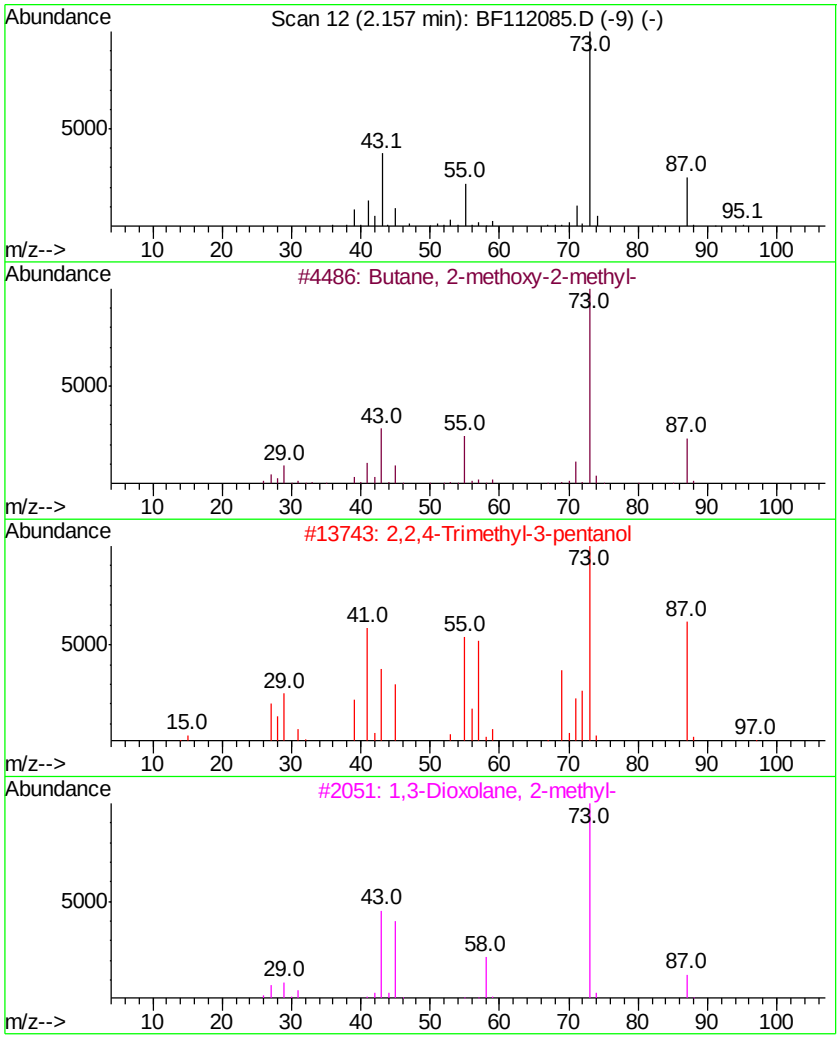
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

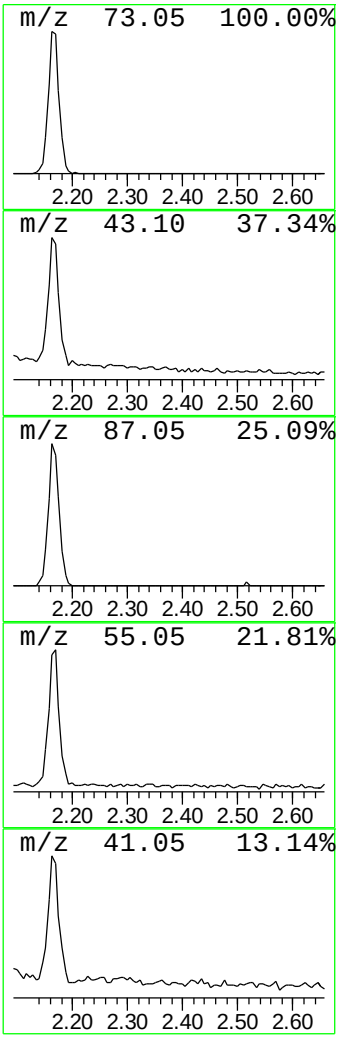
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.80 ng	243690	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

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

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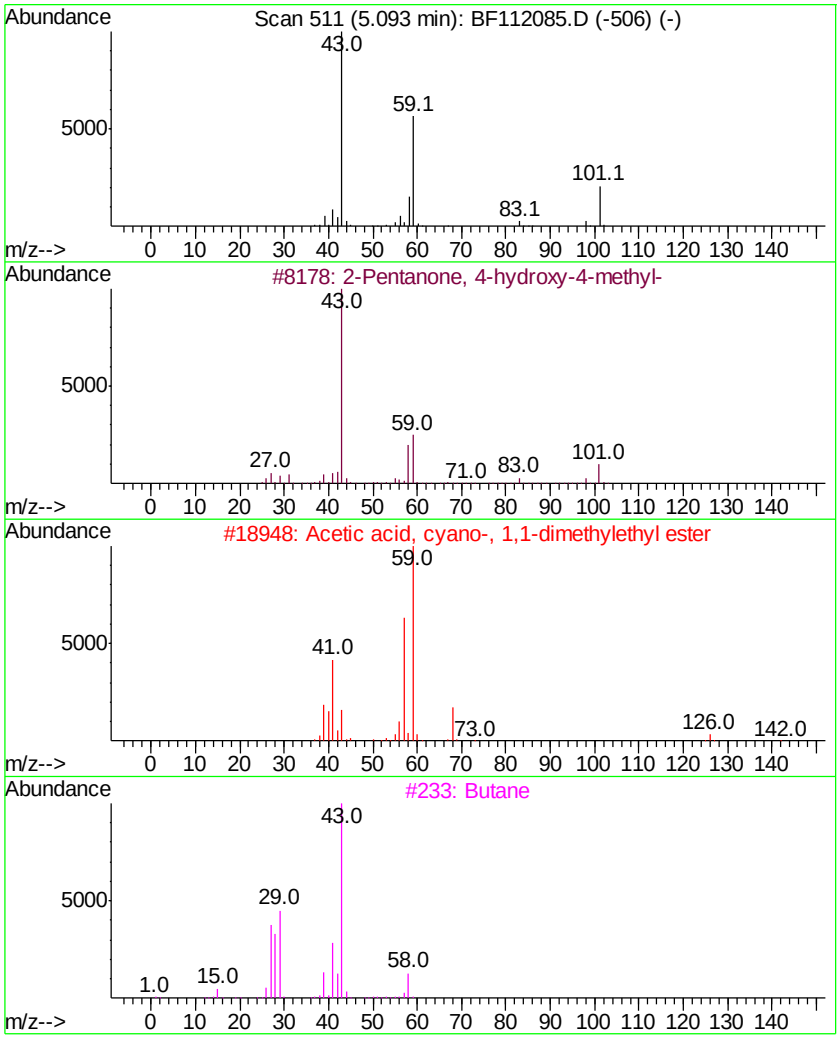
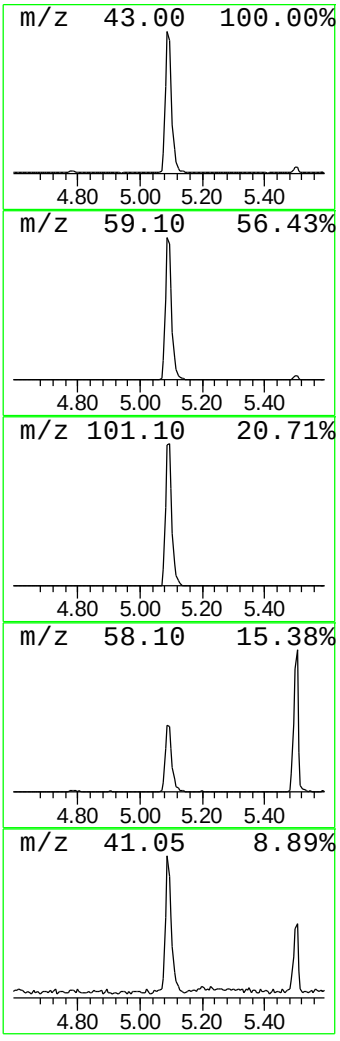
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.94 ng	430204	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane	58	C4H10	000106-97-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112085.D
Acq On : 17 Jan 2019 13:23
Operator : JU/SJ
Sample : K1167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

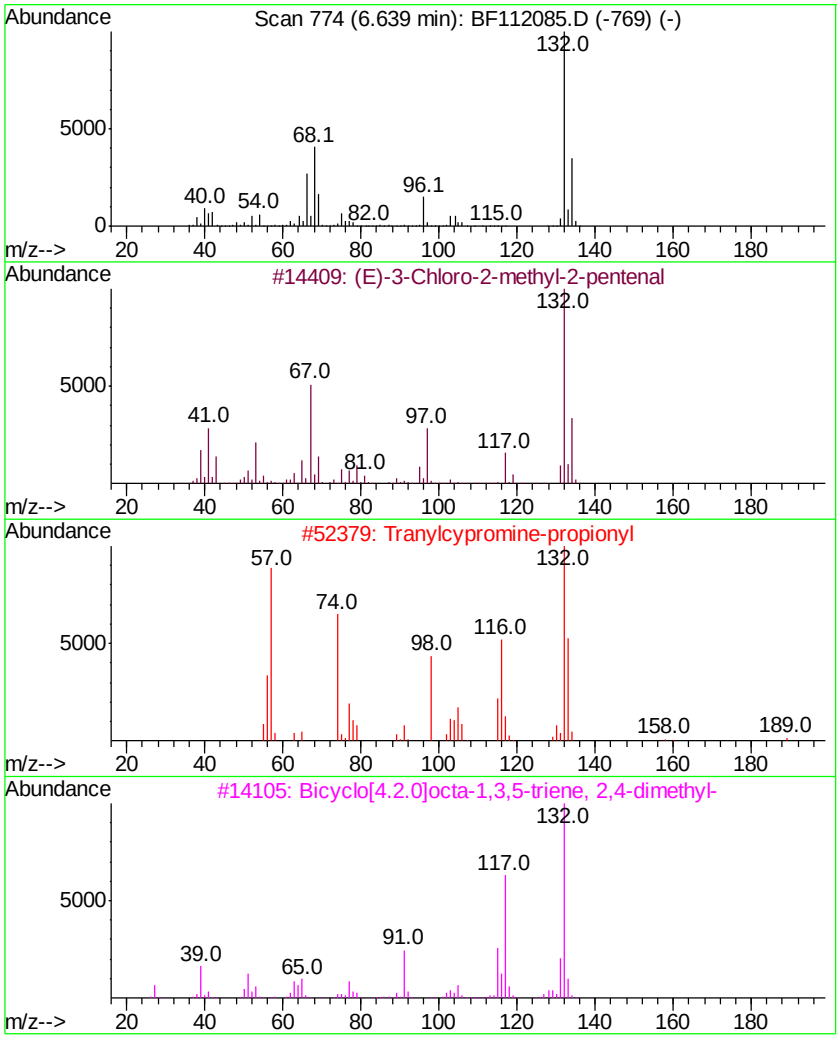
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

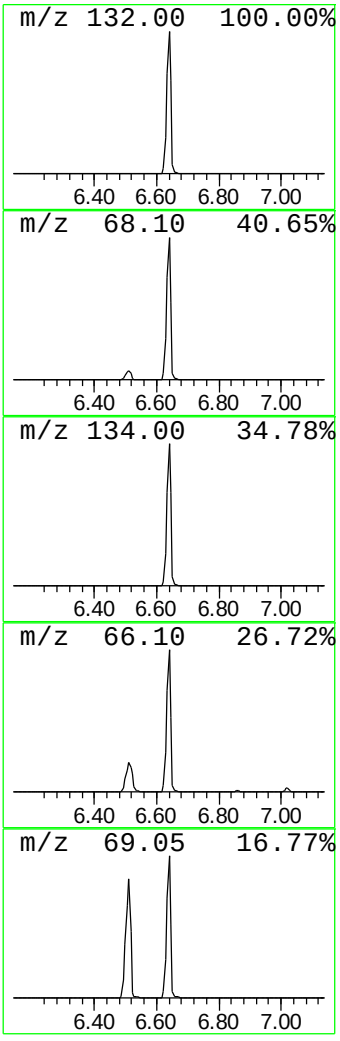
****

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	85.03 ng	7405730	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
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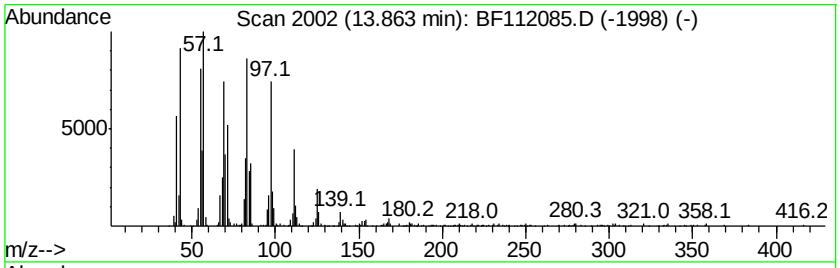
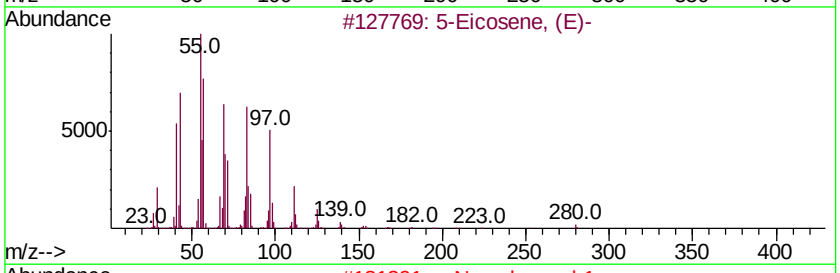
****

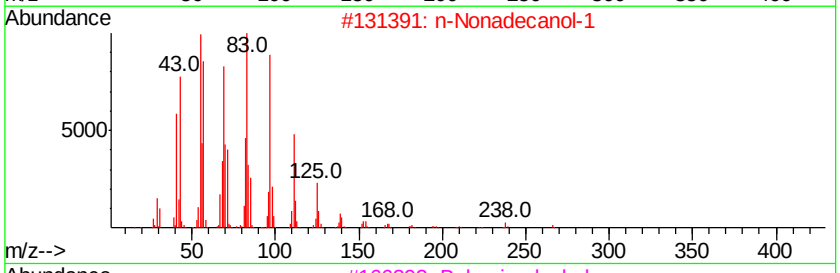
Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

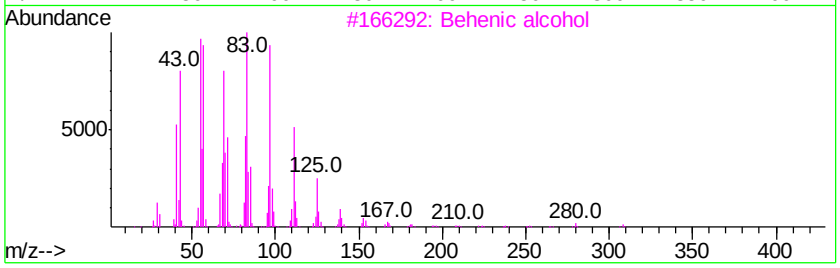
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.51 ng	598877	Chrysene-d12	14.03

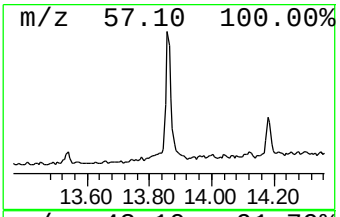
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93

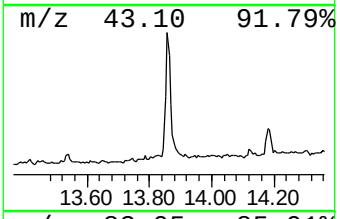


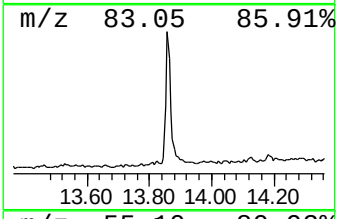


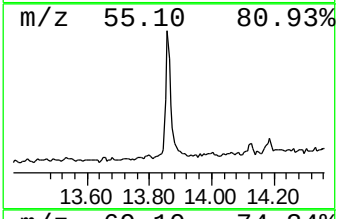


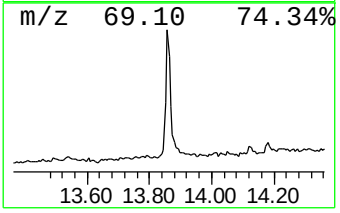












Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

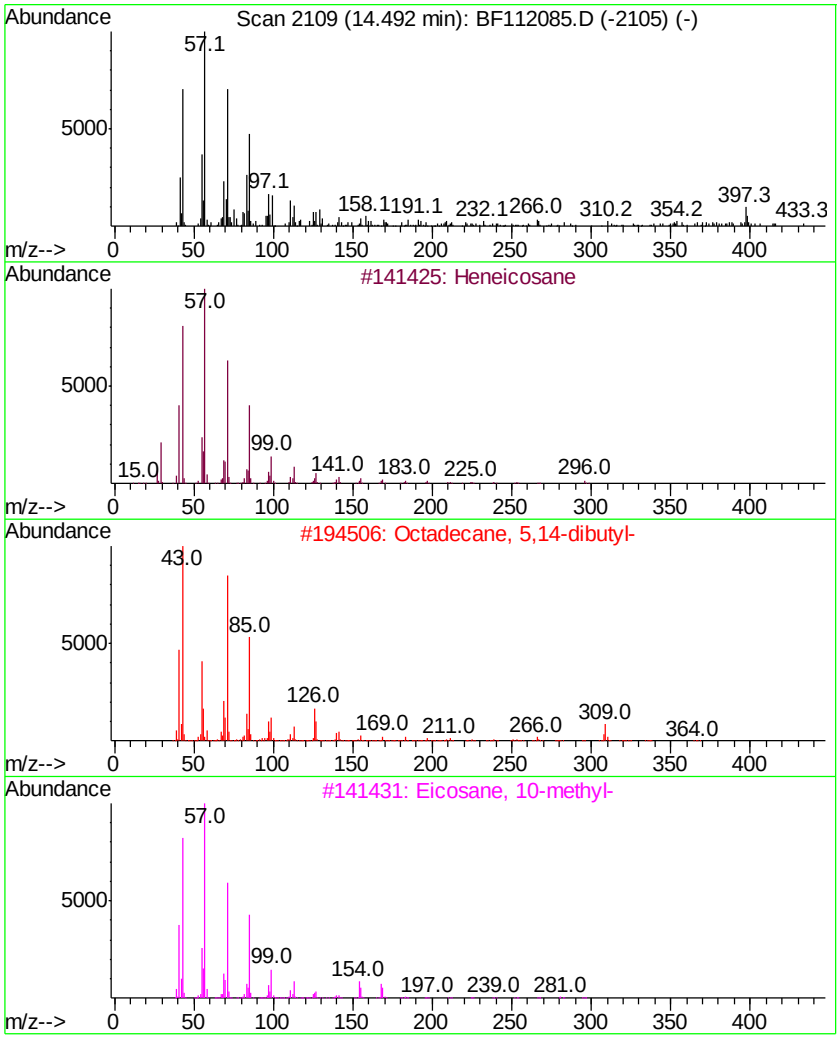
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

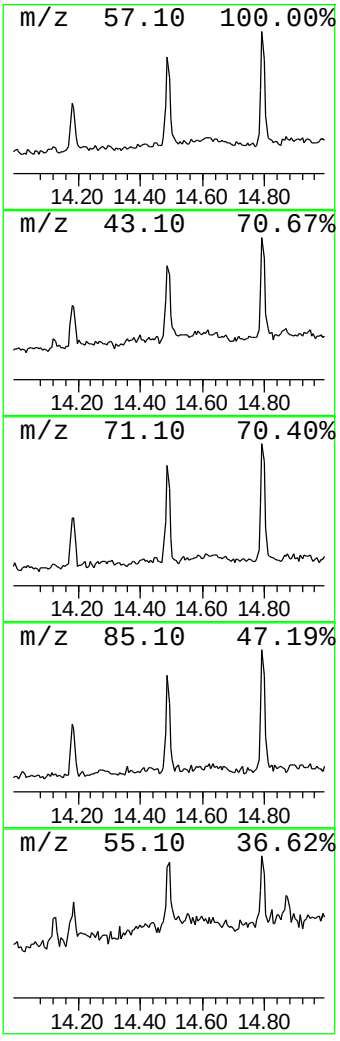
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.20 ng	202463	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

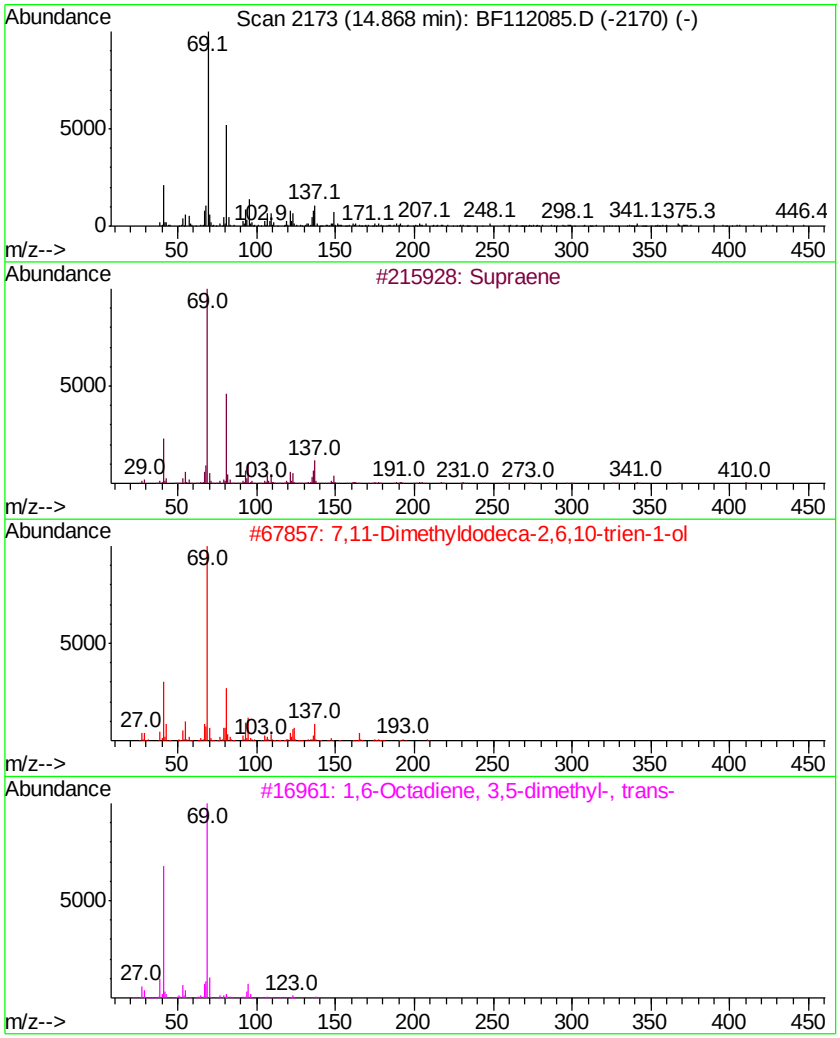
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

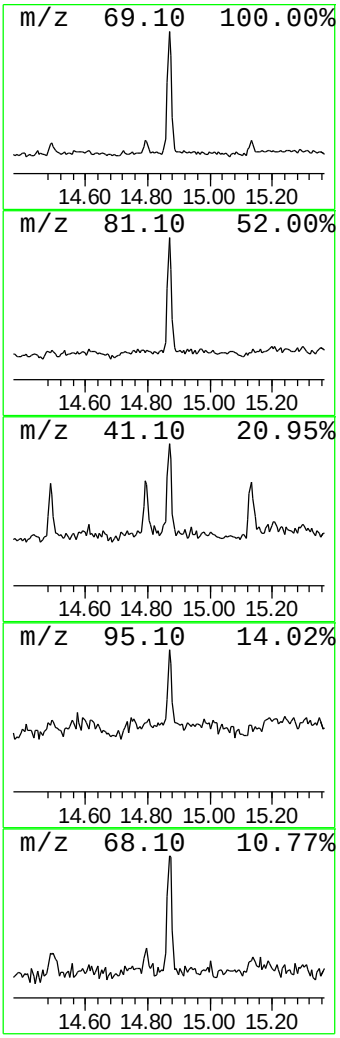
****

Peak Number 7 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.16 ng	191274	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
3	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	59
5	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	53





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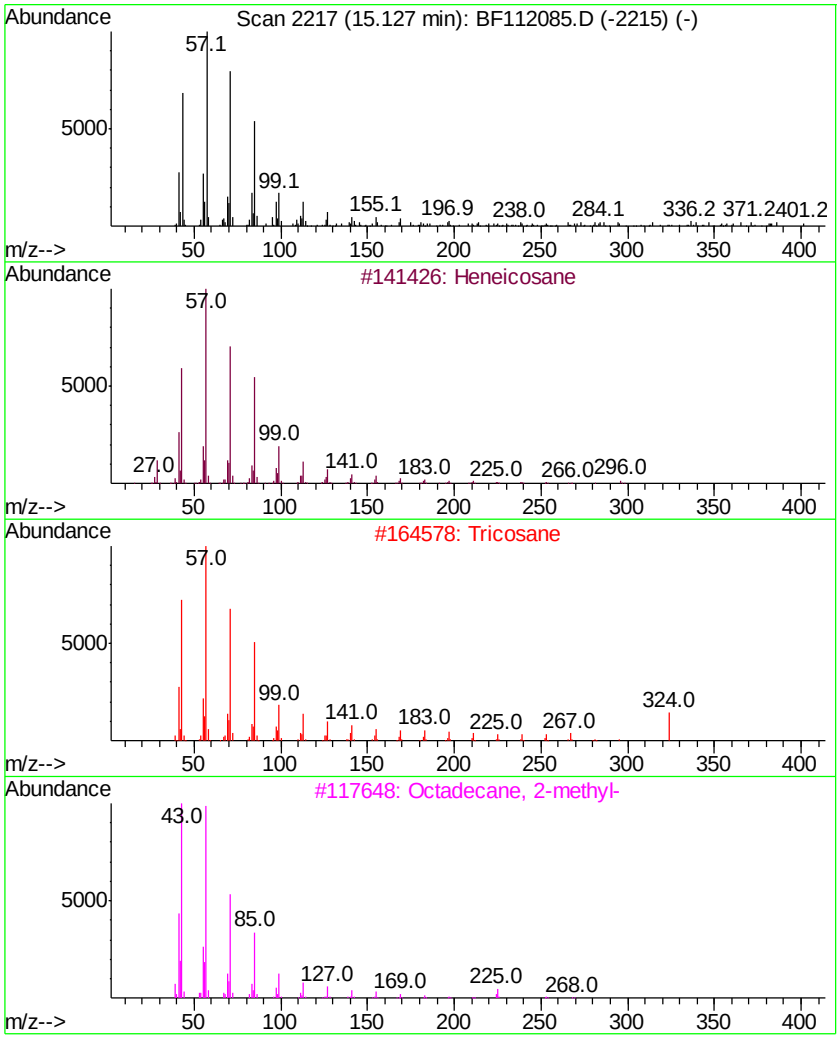
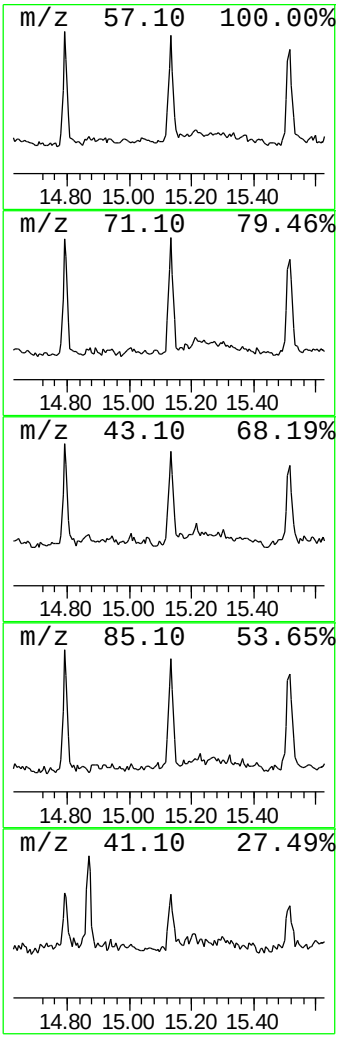
****

Peak Number 8 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.09 ng	184881	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tricosane	324	C23H48	000638-67-5	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

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Data File : BF112085.D
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Sample : K1167-01
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Instrument : BNA_F
ClientSampleId : JDHS-SOUTH-1

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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
Butane, 2-methoxy...	2.16	2.8	ng	243690	1	6.86	1741810	20.0
2-Pentanone, 4-hy...	5.09	4.9	ng	430204	1	6.86	1741810	20.0
unknown6.64	6.64	85.0	ng	7405730	1	6.86	1741810	20.0
5-Eicosene, (E)-	13.86	6.5	ng	598877	5	14.03	1838480	20.0
Heneicosane	14.49	2.2	ng	202463	5	14.03	1838480	20.0
Supraene	14.87	2.2	ng	191274	6	15.50	1772380	20.0
Tricosane	15.13	2.1	ng	184881	6	15.50	1772380	20.0