LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099907.D
Acq On : 28 Oct 2017 6:05
Operator : SJ/JU
Sample : I6029-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-2(65-67)

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-BF102317.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	5.010	494	497	518	rBV	136234	219580	13.22%	1.552%
2	5.416	563	566	589	rBV	1255466	1438470	86.62%	10.166%
3	6.440	736	740	758	rBV	1315624	1475208	88.83%	10.426%
4	6.569	758	762	778	rVB	1644983	1515113	91.24%	10.708%
5	6.793	797	800	811	rBV	545681	477285	28.74%	3.373%
6	6.945	823	826	846	rBB	1185608	1137073	68.47%	8.036%
7	7.363	894	897	920	rBV	956413	864477	52.06%	6.109%
8	8.075	1015	1018	1041	rBV	739978	660271	39.76%	4.666%
9	8.639	1111	1114	1125	rBB	30420	31657	1.91%	0.224%
10	9.151	1197	1201	1213	rBV	1835868	1660622	100.00%	11.736%
11	9.551	1266	1269	1284	rBB	199052	177302	10.68%	1.253%
12	9.833	1314	1317	1328	rBV	752938	706100	42.52%	4.990%
13	10.551	1436	1439	1446	rBV	144222	111577	6.72%	0.789%
14	10.633	1449	1453	1467	rBV	817122	763508	45.98%	5.396%
15	11.333	1568	1572	1580	rBV	607498	605194	36.44%	4.277%
16	12.916	1837	1841	1844	rBV	1291174	1105247	66.56%	7.811%
17	13.798	1988	1991	1998	rBV	34939	43004	2.59%	0.304%
18	13.986	2019	2023	2031	rBV	434802	412510	24.84%	2.915%
19	15.051	2199	2204	2209	rBV2	17667	25432	1.53%	0.180%
20	15.421	2262	2267	2269	rBV	31008	40362	2.43%	0.285%
21	15.457	2269	2273	2286	rVB	328723	447012	26.92%	3.159%
22	15.845	2334	2339	2346	rBV	35535	51077	3.08%	0.361%
23	16.339	2417	2423	2431	rBV2	33905	63043	3.80%	0.446%
24	16.915	2515	2521	2526	rBV3	24019	42162	2.54%	0.298%
25	17.592	2627	2636	2648	rVB4	20662	54830	3.30%	0.387%
26	19.362	2930	2937	2945	rVB9	7240	21644	1.30%	0.153%

Sum of corrected areas: 14149760

LSC Report - Integrated Chromatogram

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Misc :
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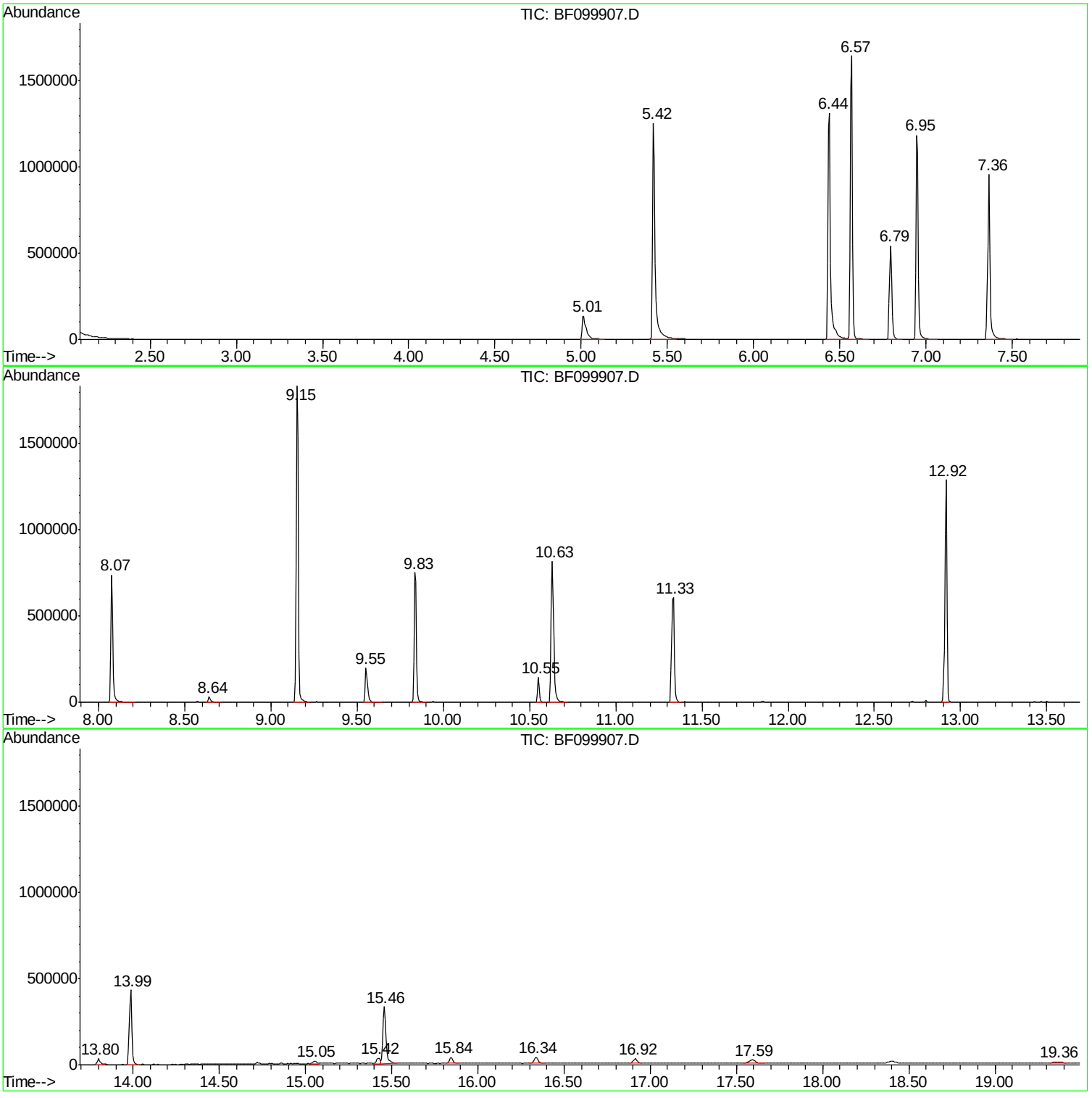
Instrument : BNA_F
ClientSampleId : EPE-108-2(65-67)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099907.D
Acq On : 28 Oct 2017 6:05
Operator : SJ/JU
Sample : I6029-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-2(65-67)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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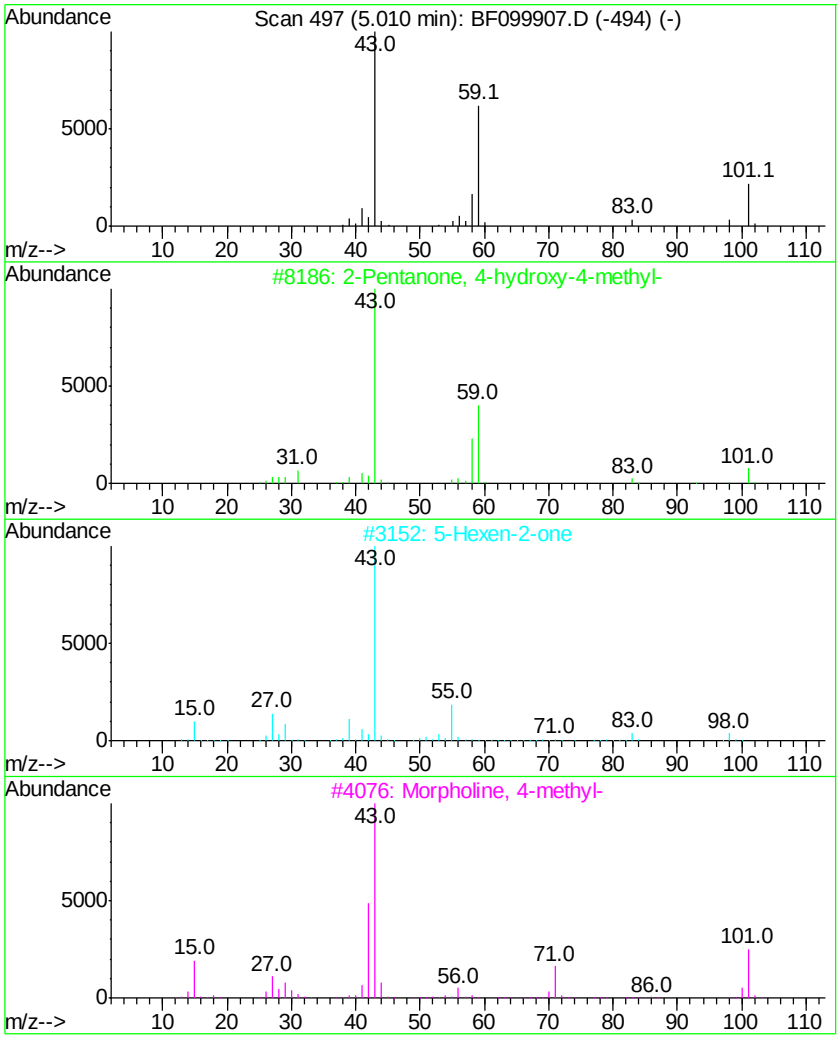
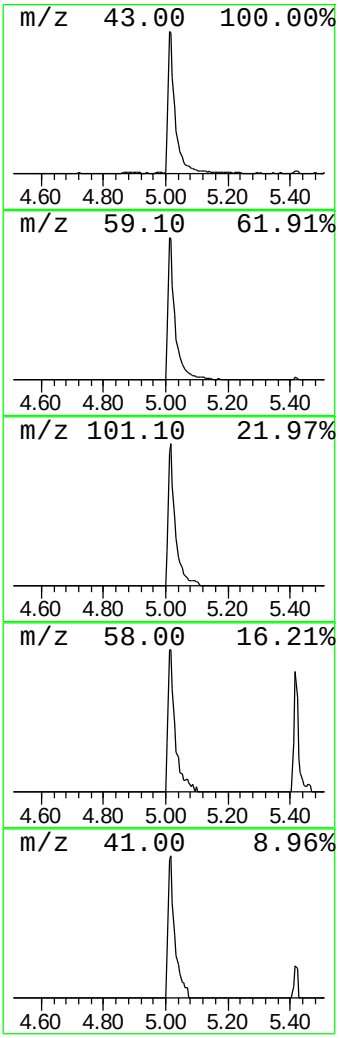
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	9.20 ng	219580	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BF099907.D
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Operator : SJ/JU
Sample : I6029-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-2(65-67)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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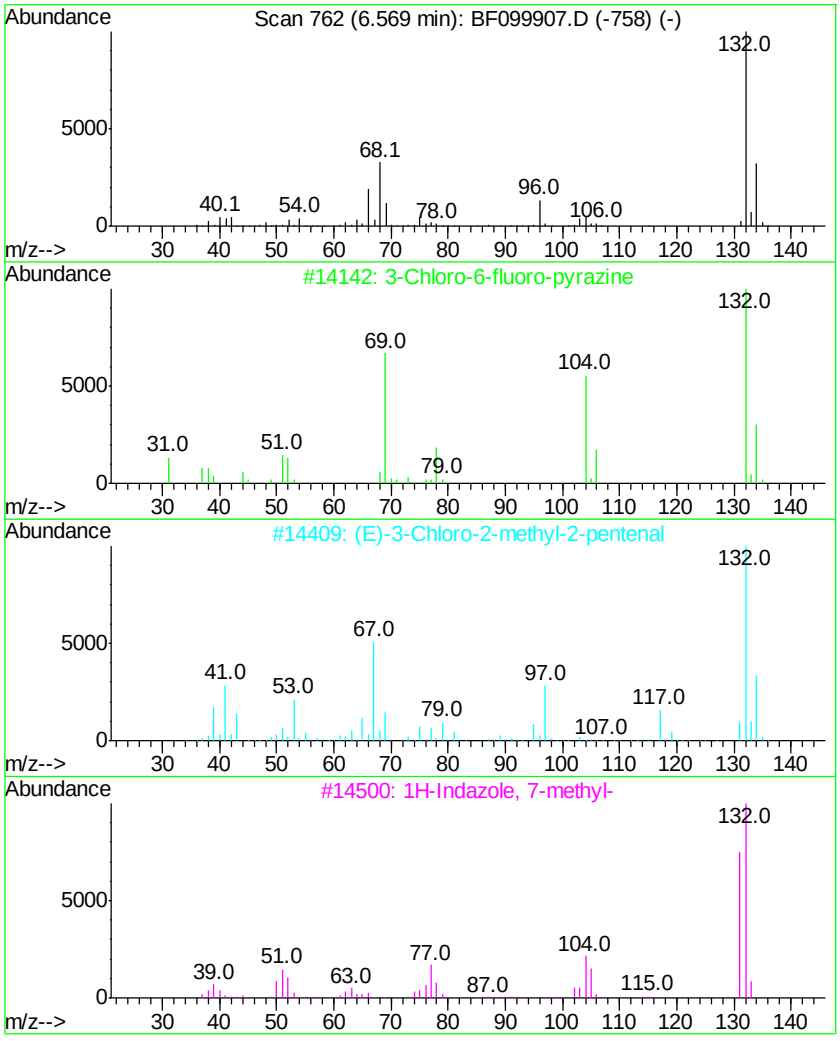
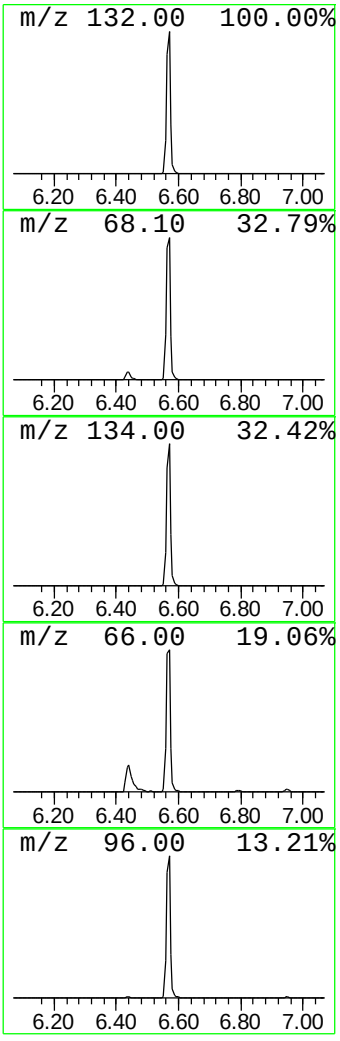
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	63.49 ng	1515110	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Data File : BF099907.D
Acq On : 28 Oct 2017 6:05
Operator : SJ/JU
Sample : I6029-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-2(65-67)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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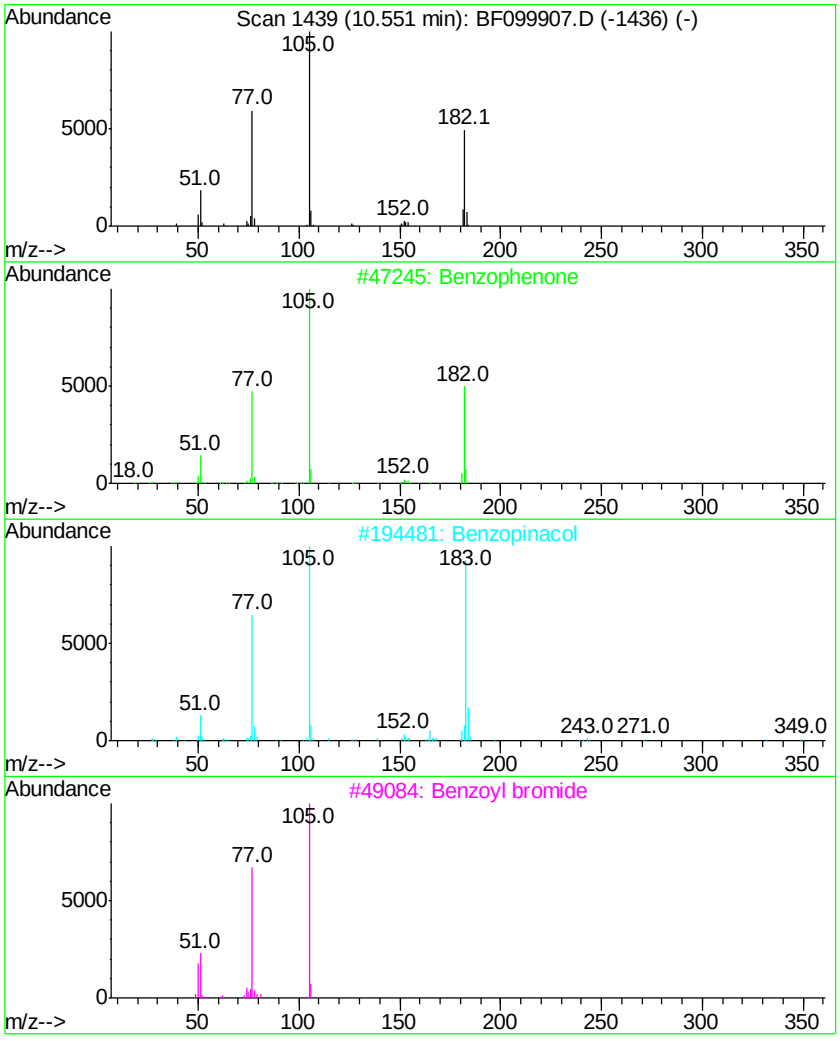
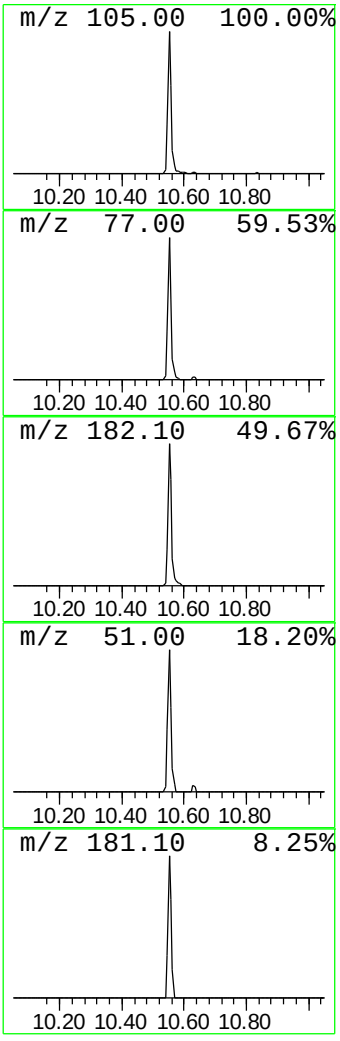
Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.16 ng	111577	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzopinacol	366	C26H22O2	000464-72-2	50
3	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	Methyl benzilate	242	C15H14O3	000076-89-1	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099907.D
Acq On : 28 Oct 2017 6:05
Operator : SJ/JU
Sample : I6029-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-2(65-67)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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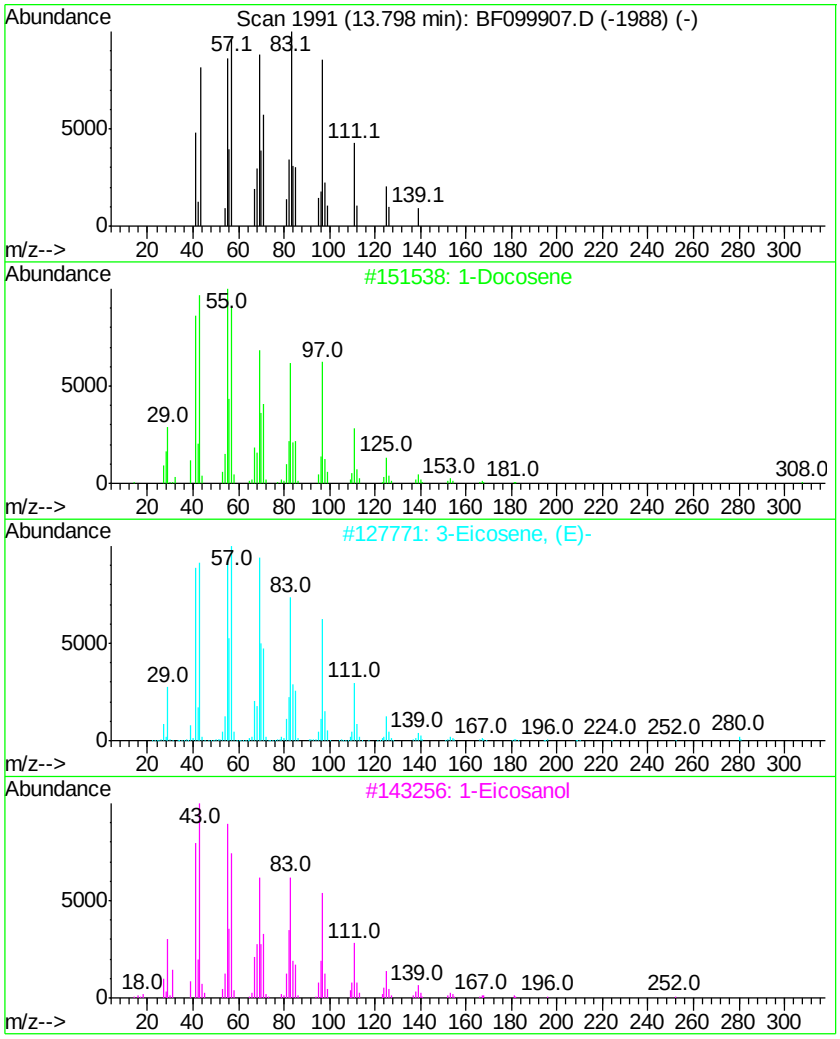
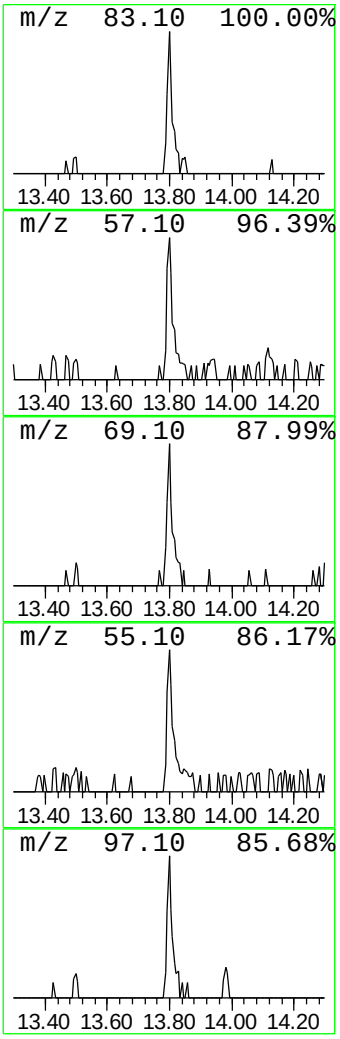
Peak Number 5 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.08 ng	43004	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	81
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	80
3	1-Eicosanol	298	C20H42O	000629-96-9	74
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	68
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	62





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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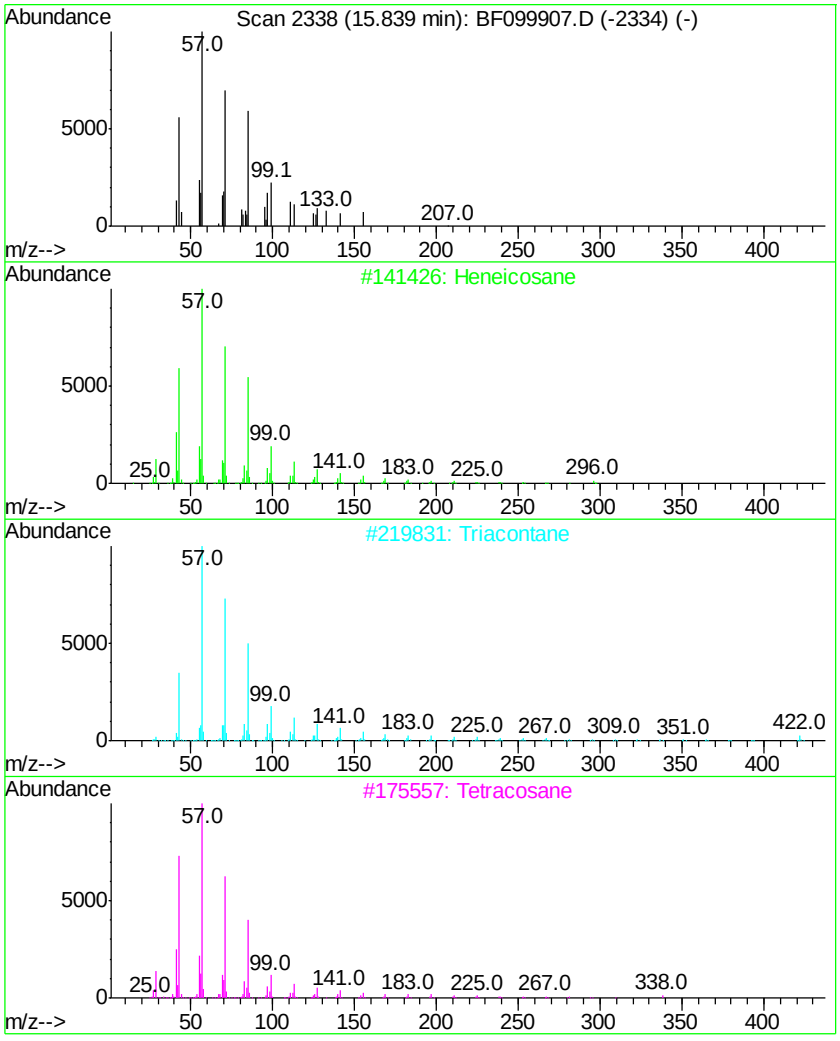
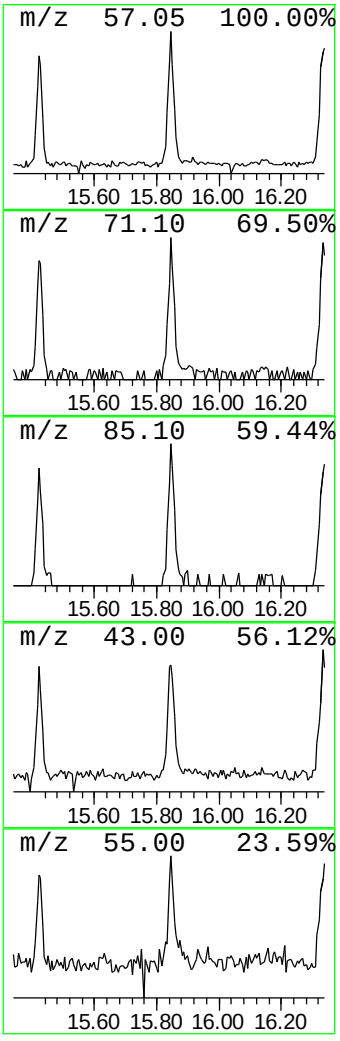
Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.29 ng	51077	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Pentacosane	352	C25H52	000629-99-2	86





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Misc :
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Instrument : BNA_F
ClientSampleId : EPE-108-2(65-67)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

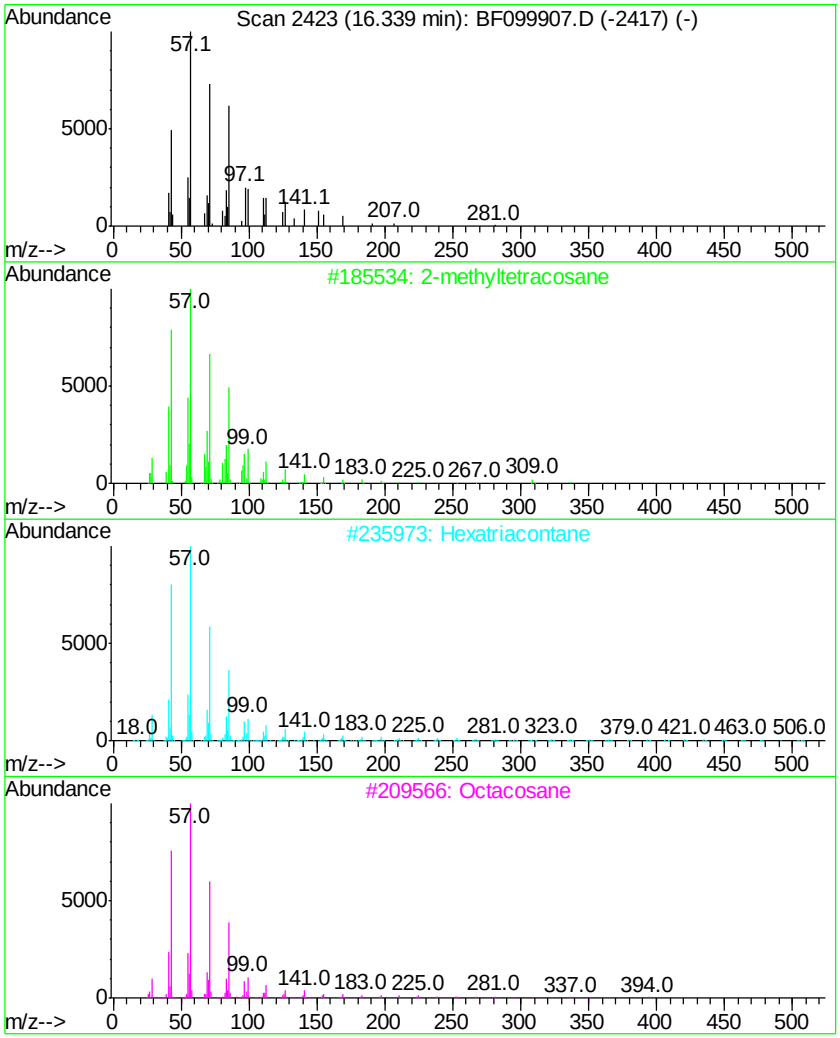
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

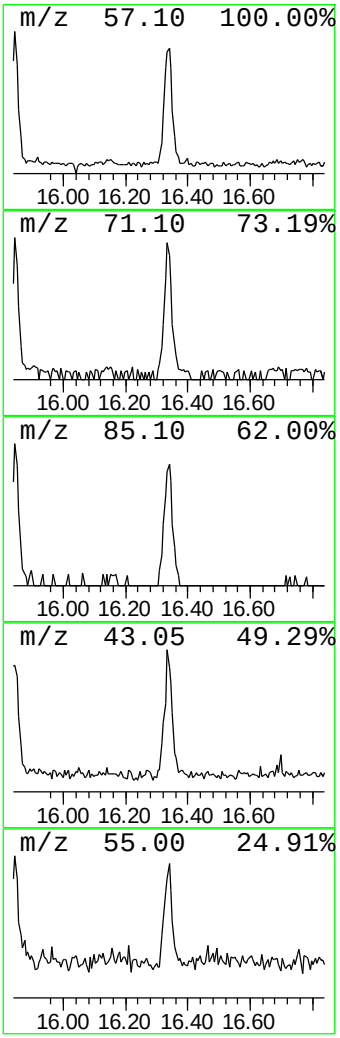
****

Peak Number 7 2-methyltetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.82 ng	63043	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	90
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hexacosane	366	C26H54	000630-01-3	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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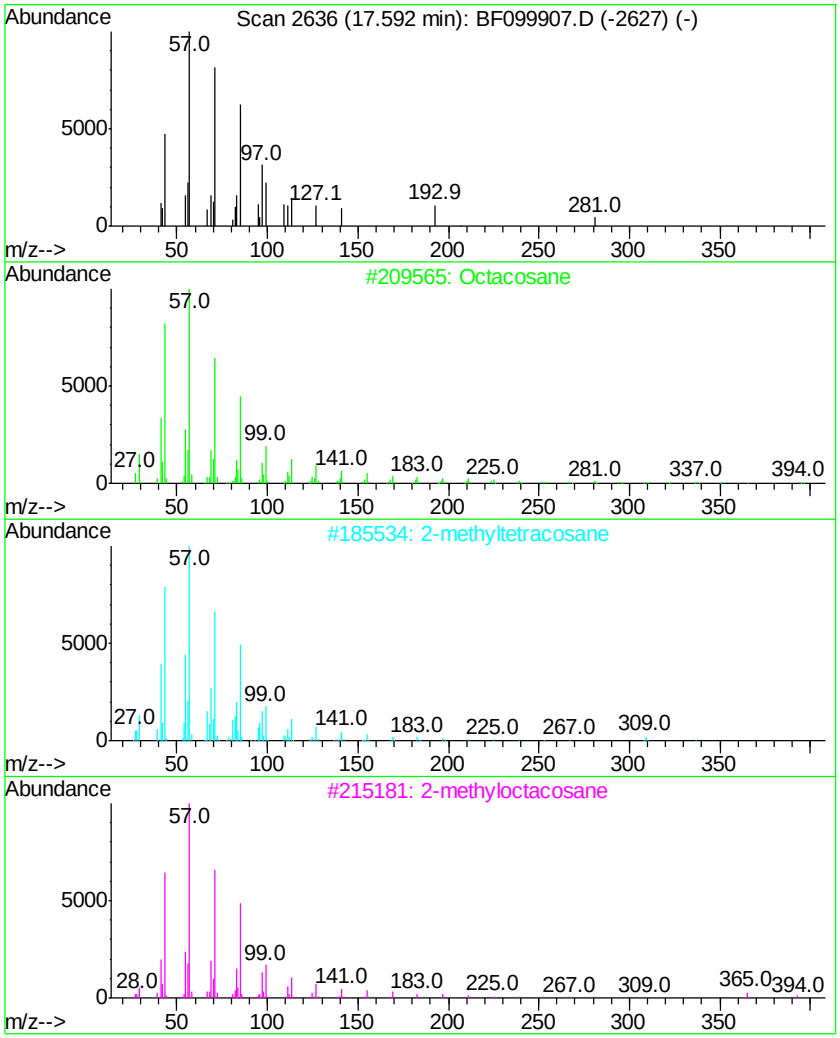
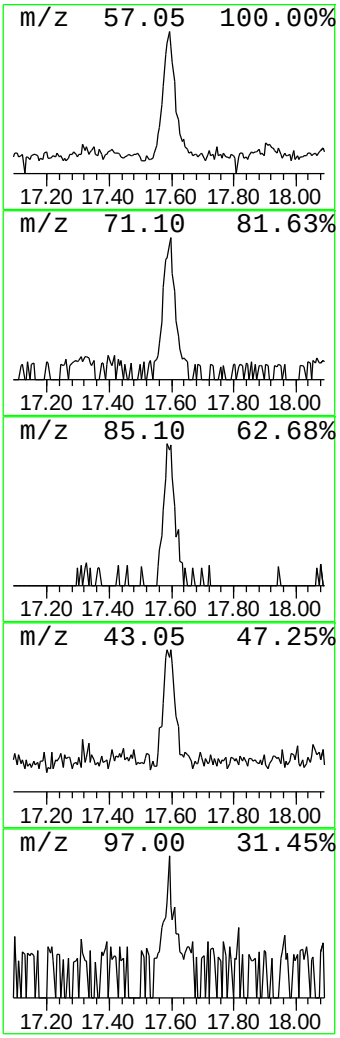
Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	2.45 ng	54830	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	2-methyltetracosane	352	C25H52	1000376-72-6	80
3	2-methyloctacosane	408	C29H60	1000376-72-8	80
4	Tetratetracontane	619	C44H90	007098-22-8	78
5	Tetrapentacontane	759	C54H110	005856-66-6	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	9.2	ng	219580	1	6.79	477285	20.0
unknown6.57	6.57	63.5	ng	1515110	1	6.79	477285	20.0
Benzophenone	10.55	3.2	ng	111577	3	9.83	706100	20.0
1-Docosene	13.80	2.1	ng	43004	5	13.99	412510	20.0
Heneicosane	15.84	2.3	ng	51077	6	15.46	447012	20.0
2-methyltetracosane	16.34	2.8	ng	63043	6	15.46	447012	20.0
Octacosane	17.59	2.5	ng	54830	6	15.46	447012	20.0