LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040512.D
Acq On : 16 Apr 2019 20:50
Operator : JU/SJ
Sample : K2422-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-D

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_G\METHODS\8270-BG032719.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	5.602	420	428	444	rBV	846271	1400728	41.29%	7.396%
2	7.200	692	700	718	rBV	860793	1547128	45.60%	8.169%
3	7.570	756	763	771	rBV	833545	1453499	42.84%	7.675%
4	8.040	836	843	857	rVB	188508	323908	9.55%	1.710%
5	8.364	890	898	912	rVB	646975	1094622	32.27%	5.780%
6	9.216	1036	1043	1057	rBV	495011	925227	27.27%	4.885%
7	10.861	1314	1323	1330	rBV	217720	432093	12.74%	2.282%
8	13.293	1730	1737	1754	rBV	1296104	2083693	61.42%	11.003%
9	14.122	1872	1878	1889	rBV	77648	130344	3.84%	0.688%
10	14.674	1965	1972	1986	rBV2	373626	638795	18.83%	3.373%
11	16.160	2219	2225	2247	rBV	941403	1718186	50.65%	9.073%
12	17.418	2432	2439	2450	rBV2	561381	909524	26.81%	4.803%
13	20.020	2876	2882	2893	rBV	2600694	3392496	100.00%	17.913%
14	20.291	2923	2928	2932	rBV	29434	34079	1.00%	0.180%
15	20.784	3007	3012	3016	rBV	53106	65257	1.92%	0.345%
16	21.284	3093	3097	3102	rBV	60321	80232	2.36%	0.424%
17	21.689	3159	3166	3179	rBV2	521409	955990	28.18%	5.048%
18	21.830	3186	3190	3197	rVB	79780	112590	3.32%	0.595%
19	22.435	3288	3293	3300	rVB	81471	127833	3.77%	0.675%
20	23.129	3403	3411	3421	rBV2	85044	156148	4.60%	0.825%
21	23.939	3542	3549	3557	rBV	75071	166645	4.91%	0.880%
22	24.885	3703	3710	3715	rBV2	62902	146802	4.33%	0.775%
23	24.968	3715	3724	3745	rVB4	260645	871467	25.69%	4.602%
24	26.019	3896	3903	3915	rVB5	44640	132303	3.90%	0.699%
25	27.377	4127	4134	4135	rBV3	24444	38649	1.14%	0.204%

Sum of corrected areas: 18938238

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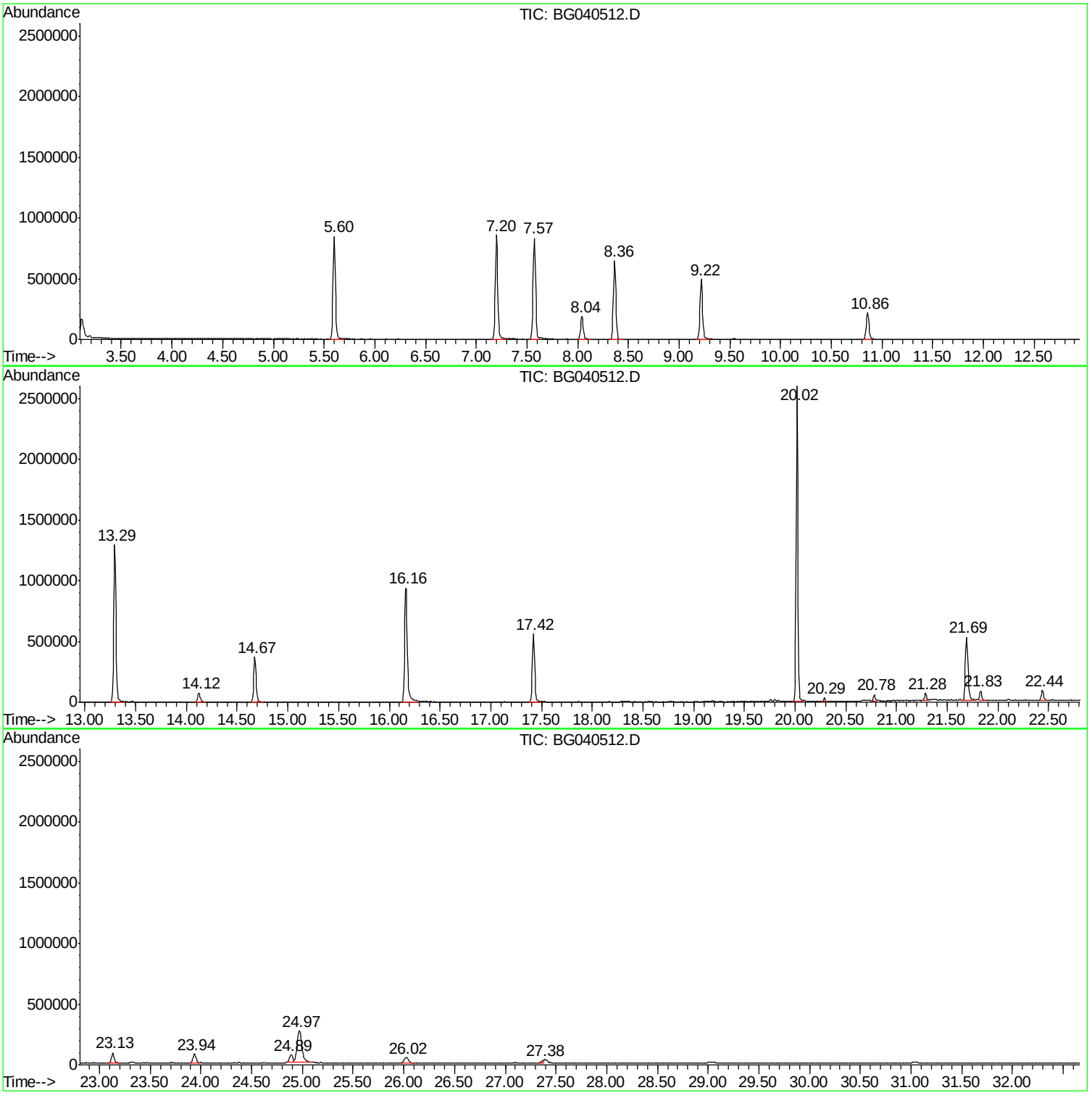
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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

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Data File : BG040512.D
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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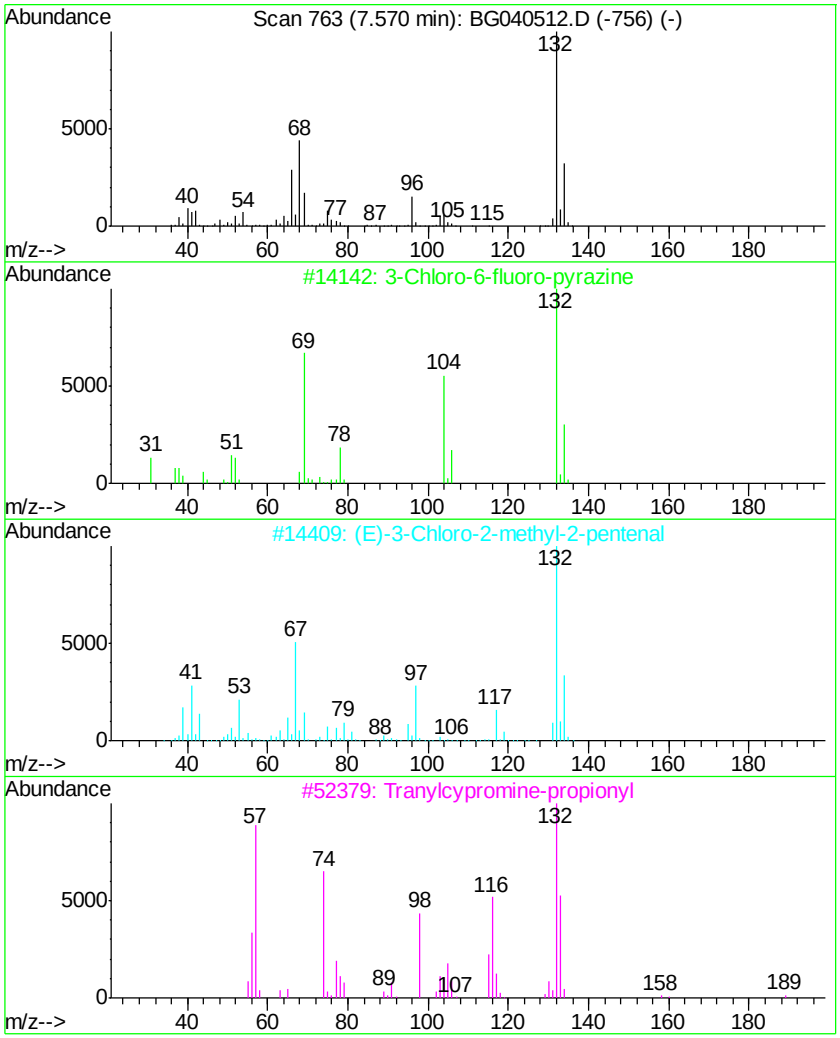
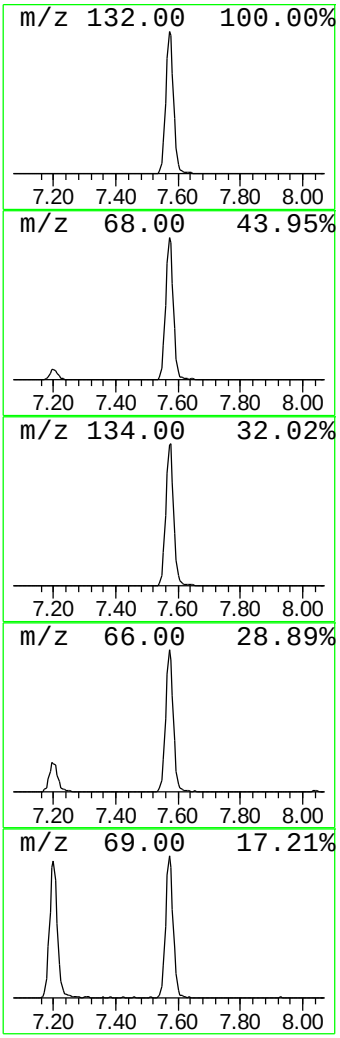
Peak Number 1 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	89.75 ng	1453500	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





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Data File : BG040512.D
Acq On : 16 Apr 2019 20:50
Operator : JU/SJ
Sample : K2422-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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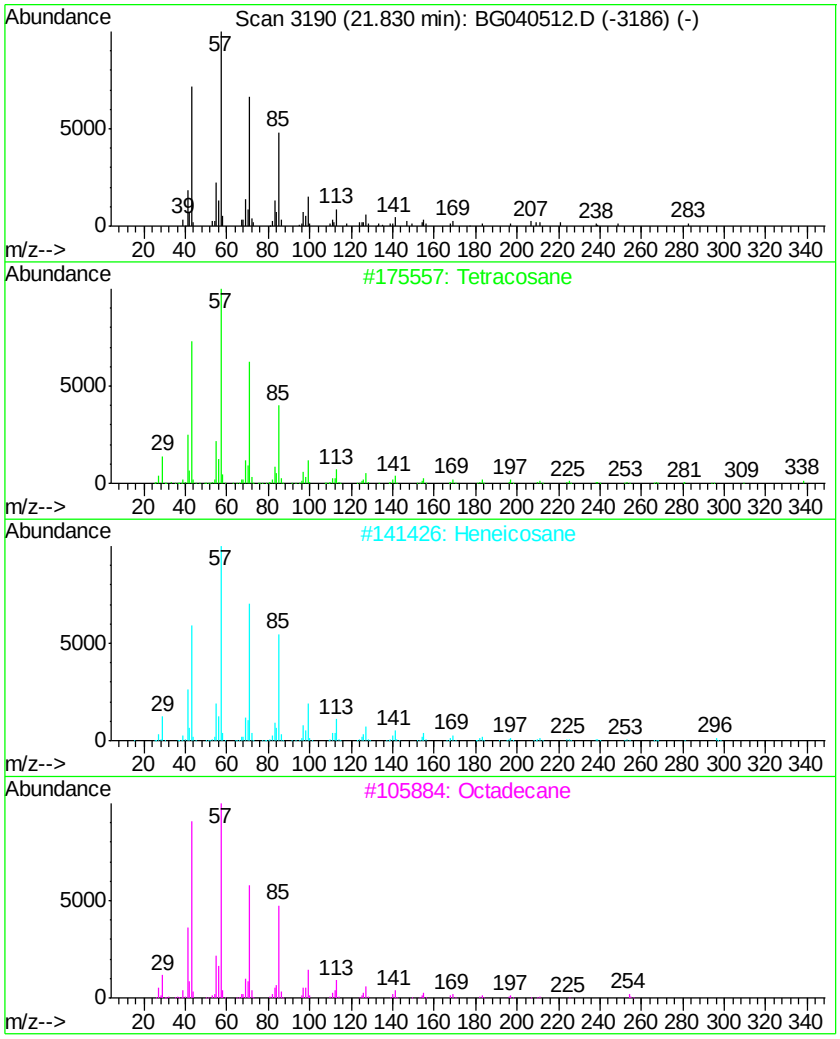
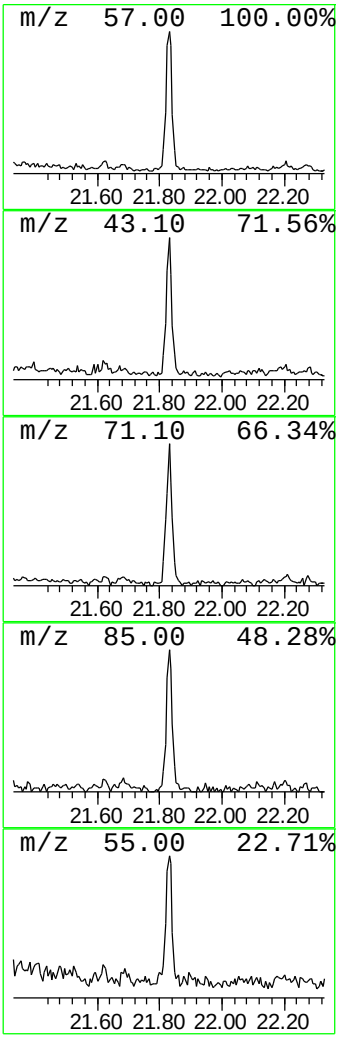
Peak Number 3 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.36 ng	112590	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Nonadecane	268	C19H40	000629-92-5	91





Library Search Compound Report

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Data File : BG040512.D
Acq On : 16 Apr 2019 20:50
Operator : JU/SJ
Sample : K2422-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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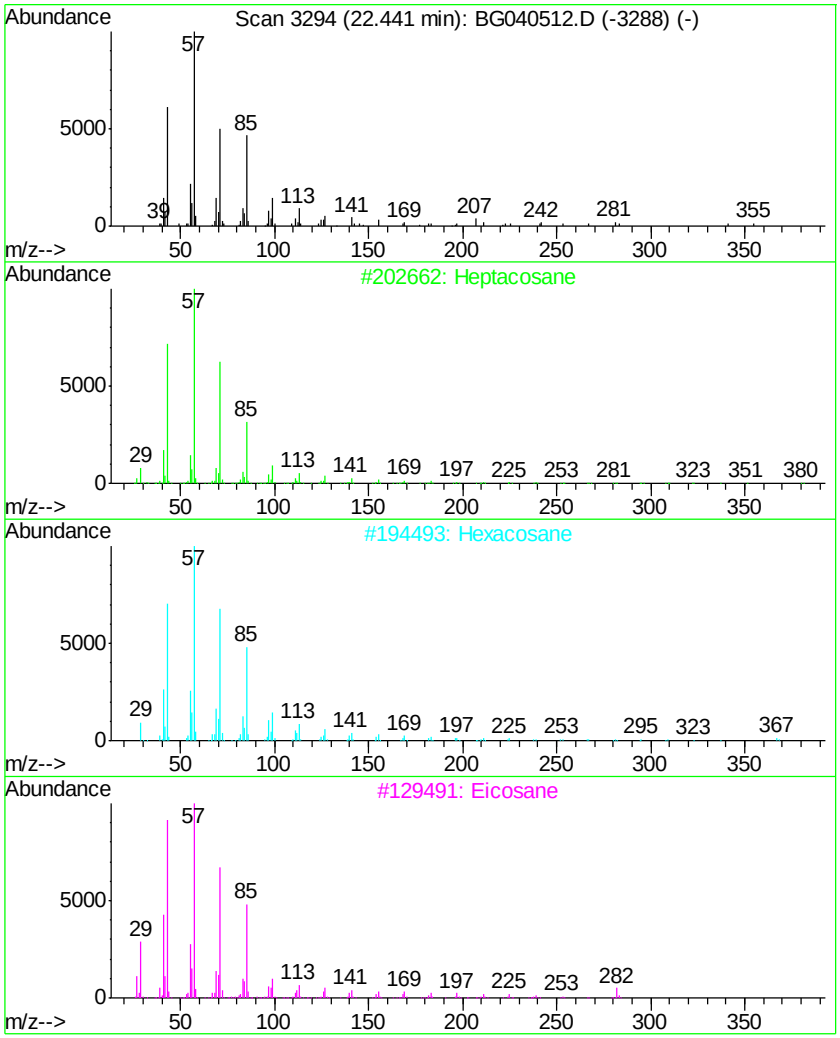
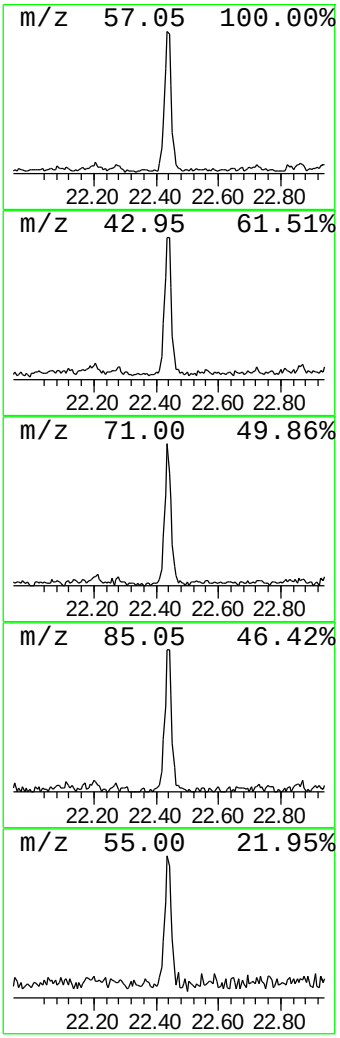
Peak Number 4 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	2.67 ng	127833	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Operator : JU/SJ
Sample : K2422-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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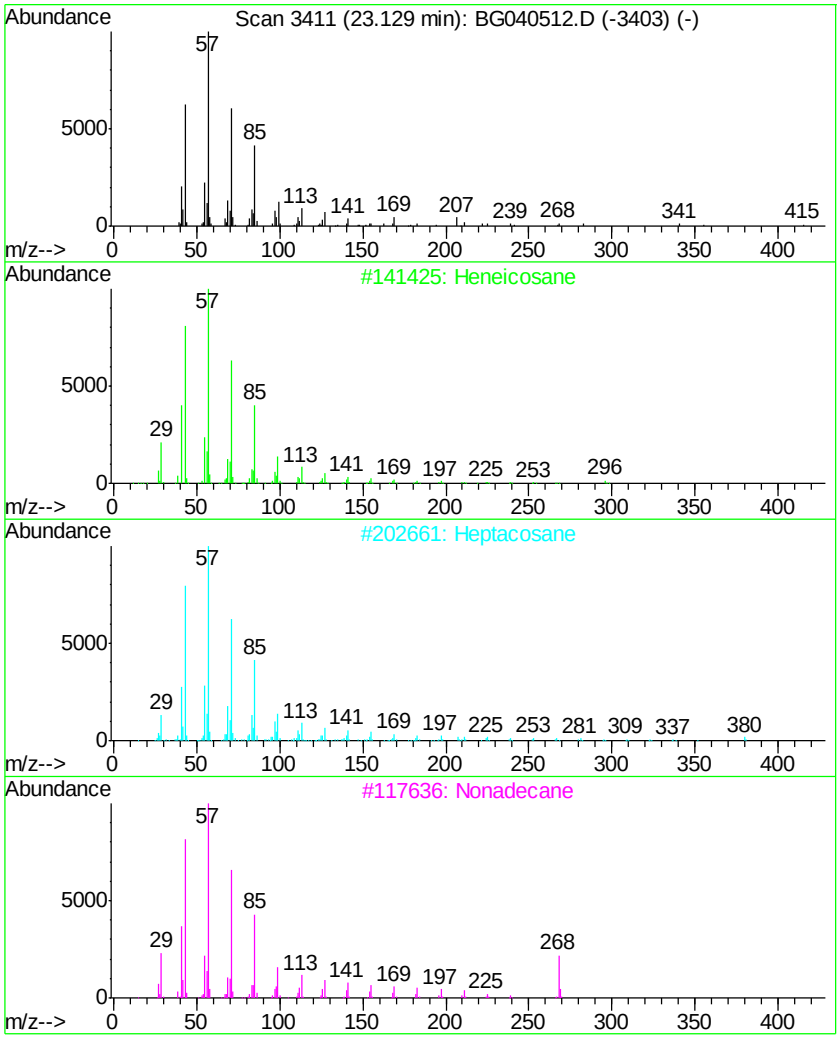
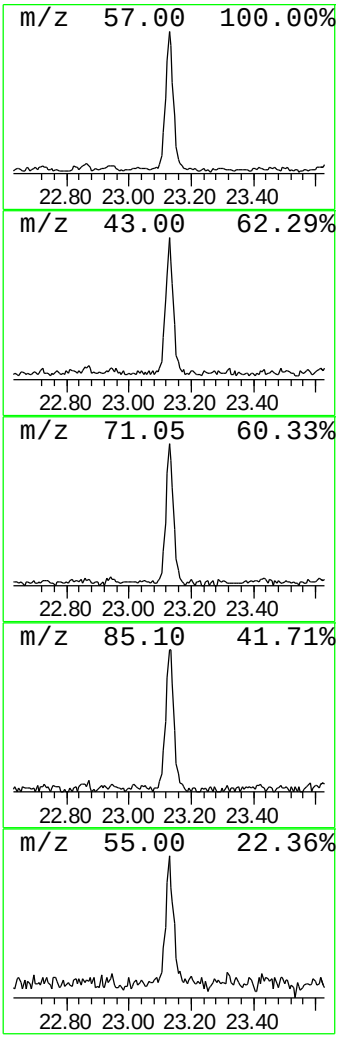
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	3.27 ng	156148	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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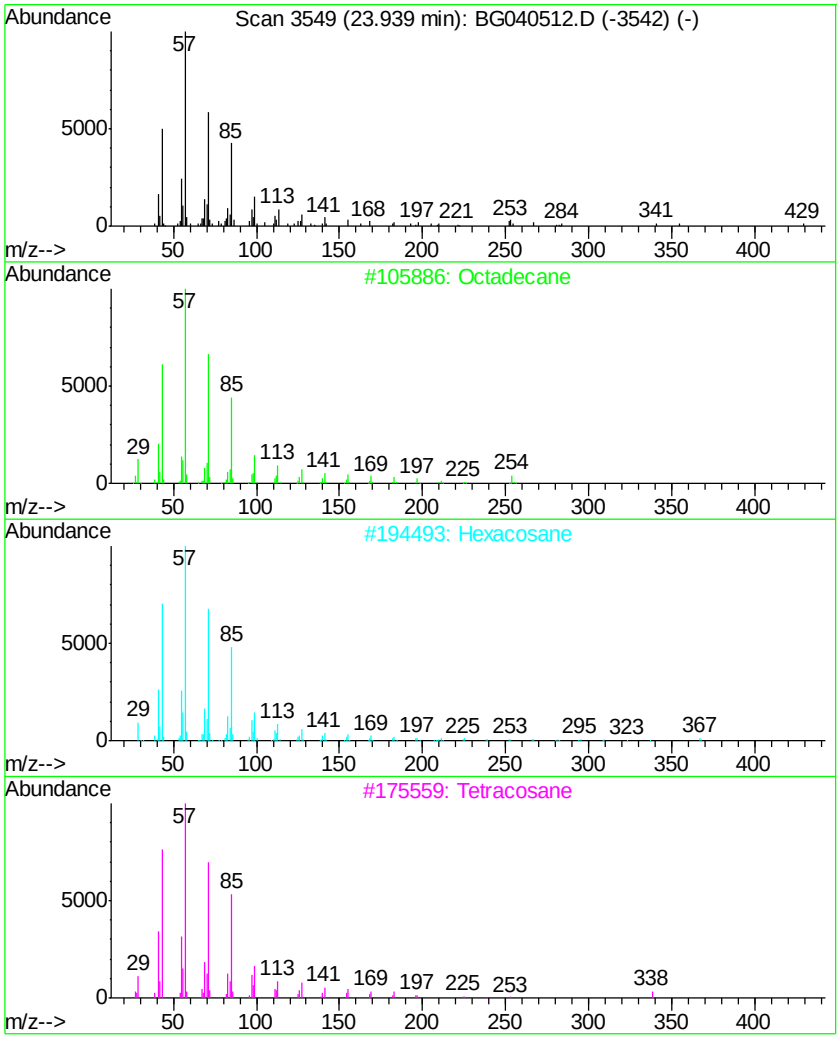
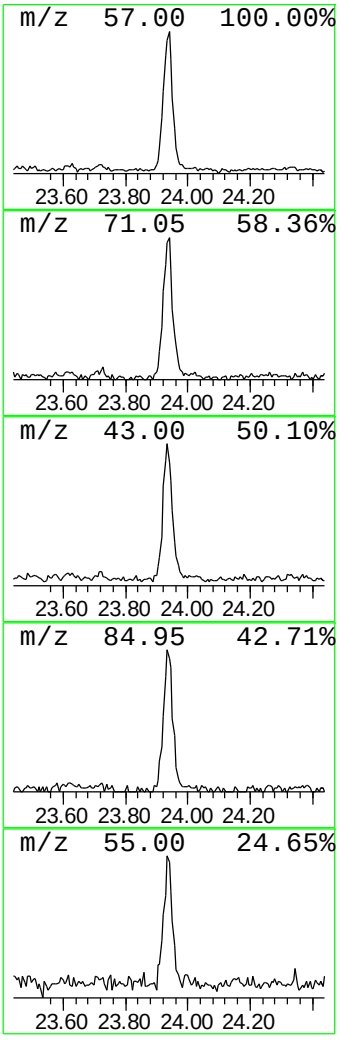
Peak Number 6 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.82 ng	166645	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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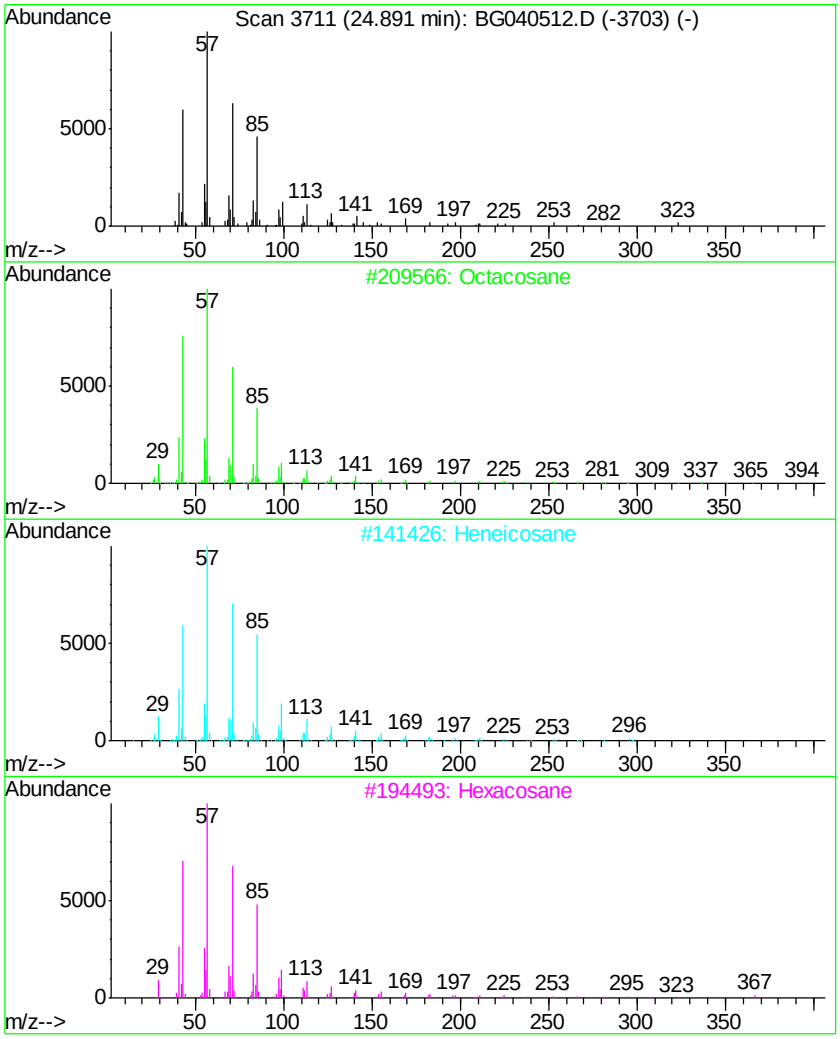
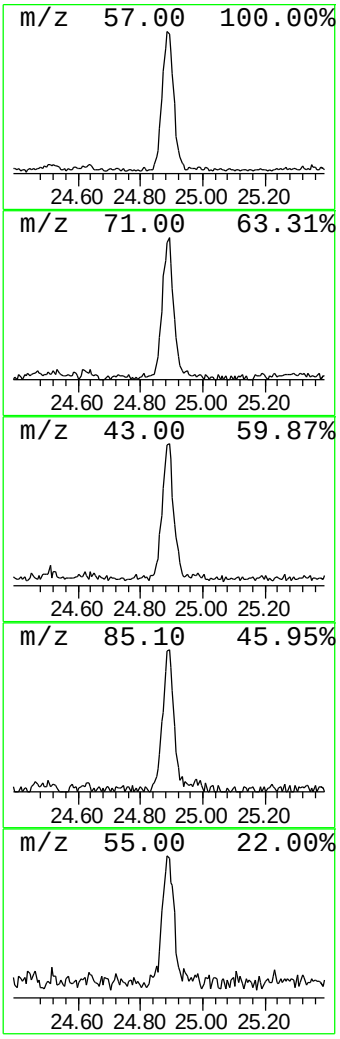
Peak Number 7 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	3.37 ng	146802	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





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Misc :
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Instrument : BNA_G
ClientSampleId : TP1-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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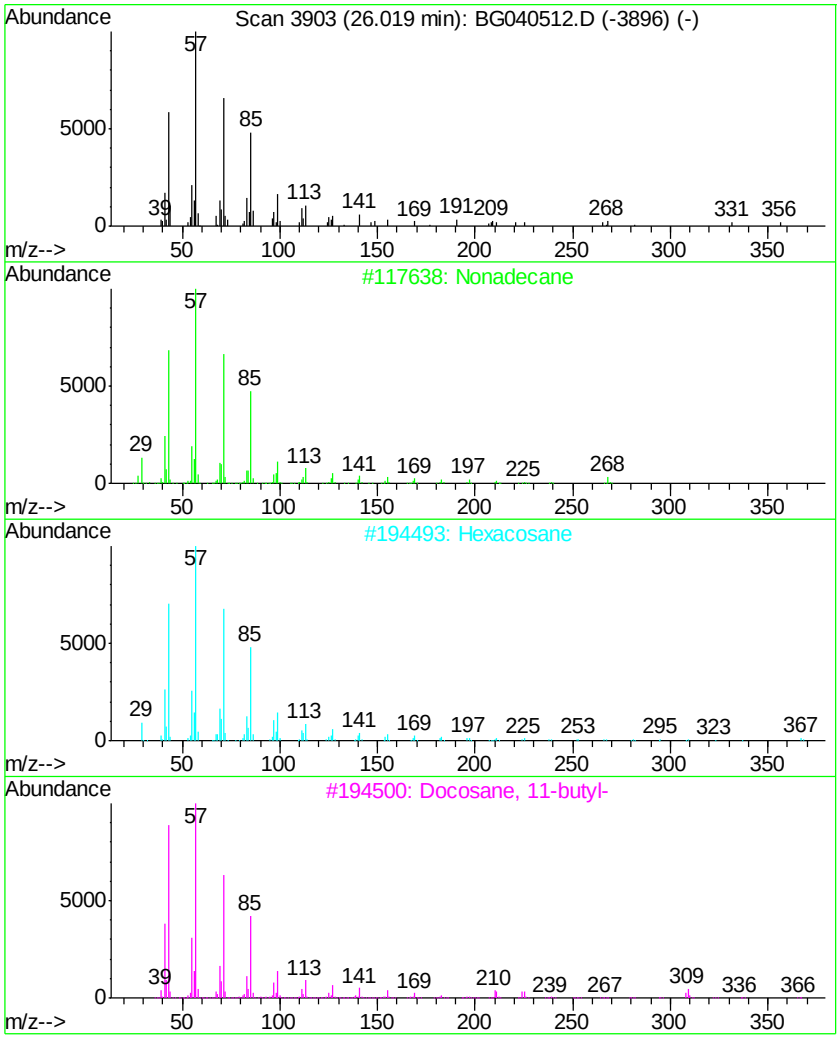
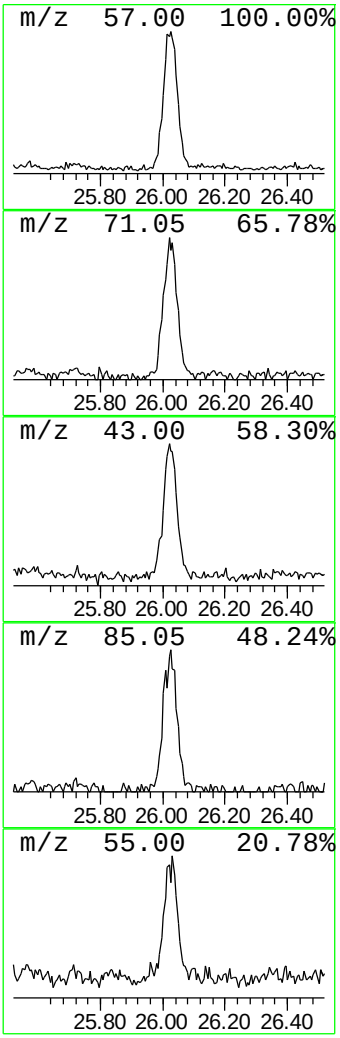
Peak Number 8 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.02	3.04 ng	132303	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Triacontane	422	C30H62	000638-68-6	86





Tentatively Identified Compound (LSC) summary

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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
unknown7.57	7.57	89.8	ng	1453500	1	8.04	323908	20.0
Tetracosane	21.83	2.4	ng	112590	5	21.69	955990	20.0
Heptacosane	22.44	2.7	ng	127833	5	21.69	955990	20.0
Heneicosane	23.13	3.3	ng	156148	5	21.69	955990	20.0
Octadecane	23.94	3.8	ng	166645	6	24.97	871467	20.0
Nonadecane	24.89	3.4	ng	146802	6	24.97	871467	20.0
Docosane, 11-butyl-	26.02	3.0	ng	132303	6	24.97	871467	20.0