LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044423.D
Acq On : 13 Feb 2020 18:40
Operator : CG/JU
Sample : L1510-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-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_G\METHODS\8270-BG013020.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	3.118	3	5	16	rVB4	17995	28782	1.40%	0.195%
2	5.010	322	327	333	rBV	17773	27863	1.36%	0.189%
3	5.480	400	407	422	rBV	577922	962994	47.00%	6.535%
4	7.072	671	678	695	rBV	568344	1057308	51.61%	7.176%
5	7.900	811	819	830	rBV	233319	402019	19.62%	2.728%
6	8.223	867	874	884	rBV	445642	802468	39.17%	5.446%
7	9.058	1009	1016	1035	rBV	333648	656787	32.06%	4.457%
8	10.703	1288	1296	1314	rBV	297453	584148	28.51%	3.964%
9	13.165	1708	1715	1725	rBV	882115	1424518	69.53%	9.668%
10	13.999	1852	1857	1869	rVB	29736	53999	2.64%	0.366%
11	14.540	1942	1949	1959	rBV	553883	897513	43.81%	6.091%
12	16.032	2196	2203	2223	rBV	733203	1220835	59.59%	8.285%
13	17.283	2409	2416	2430	rBV	714547	1126676	54.99%	7.646%
14	19.898	2856	2861	2874	rBV	1542882	2048826	100.00%	13.905%
15	21.202	3077	3083	3092	rBV2	53174	105073	5.13%	0.713%
16	21.531	3132	3139	3154	rBV	719694	1233608	60.21%	8.372%
17	21.737	3169	3174	3180	rBV	60434	87120	4.25%	0.591%
18	22.325	3268	3274	3281	rBV	79661	133770	6.53%	0.908%
19	22.988	3381	3387	3397	rVB	87620	158746	7.75%	1.077%
20	23.171	3412	3418	3424	rVB	55427	99122	4.84%	0.673%
21	23.758	3512	3518	3528	rVB2	74045	151427	7.39%	1.028%
22	24.616	3653	3664	3686	rBV2	421066	1369373	66.84%	9.293%
23	25.750	3849	3857	3869	rVB5	35101	101852	4.97%	0.691%

Sum of corrected areas: 14734827

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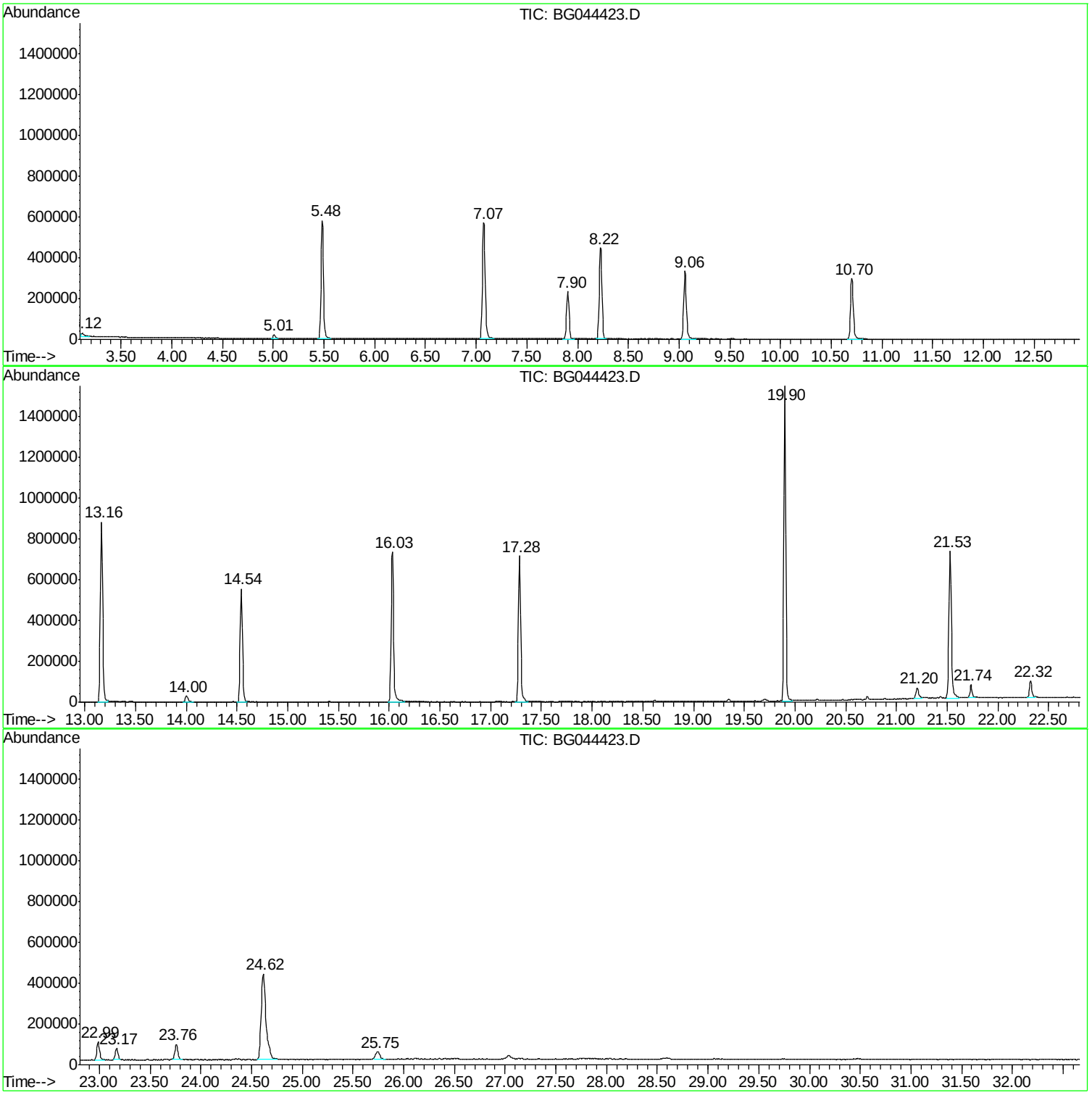
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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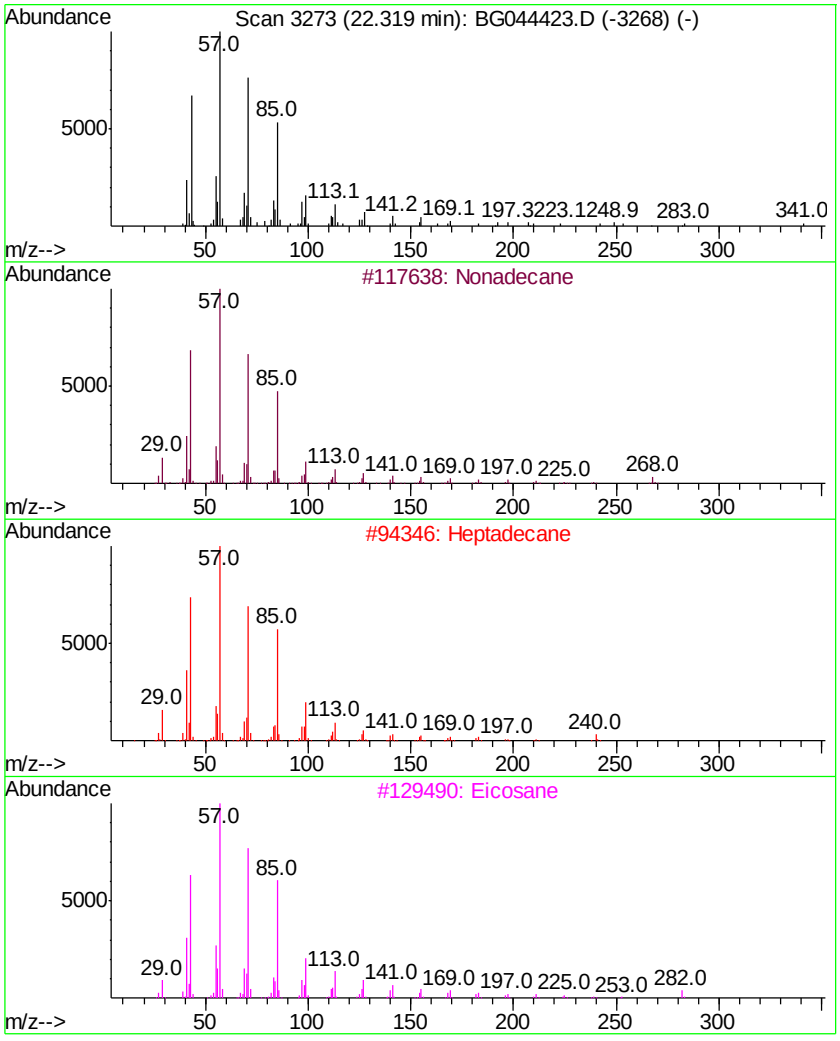
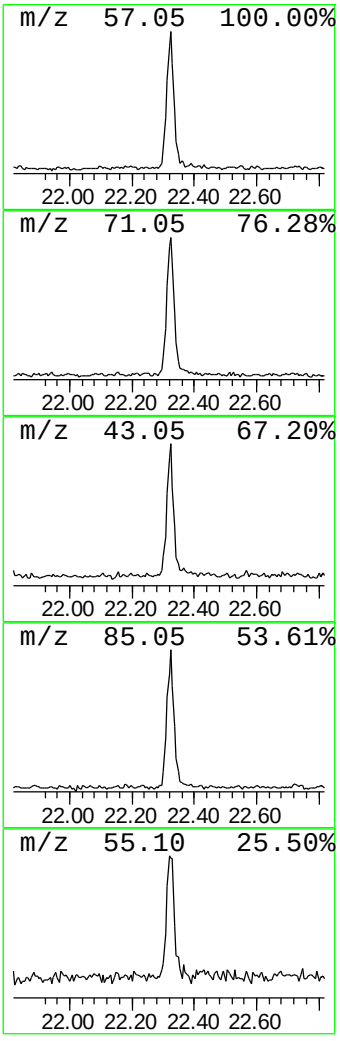
Peak Number 2 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.17 ng	133770	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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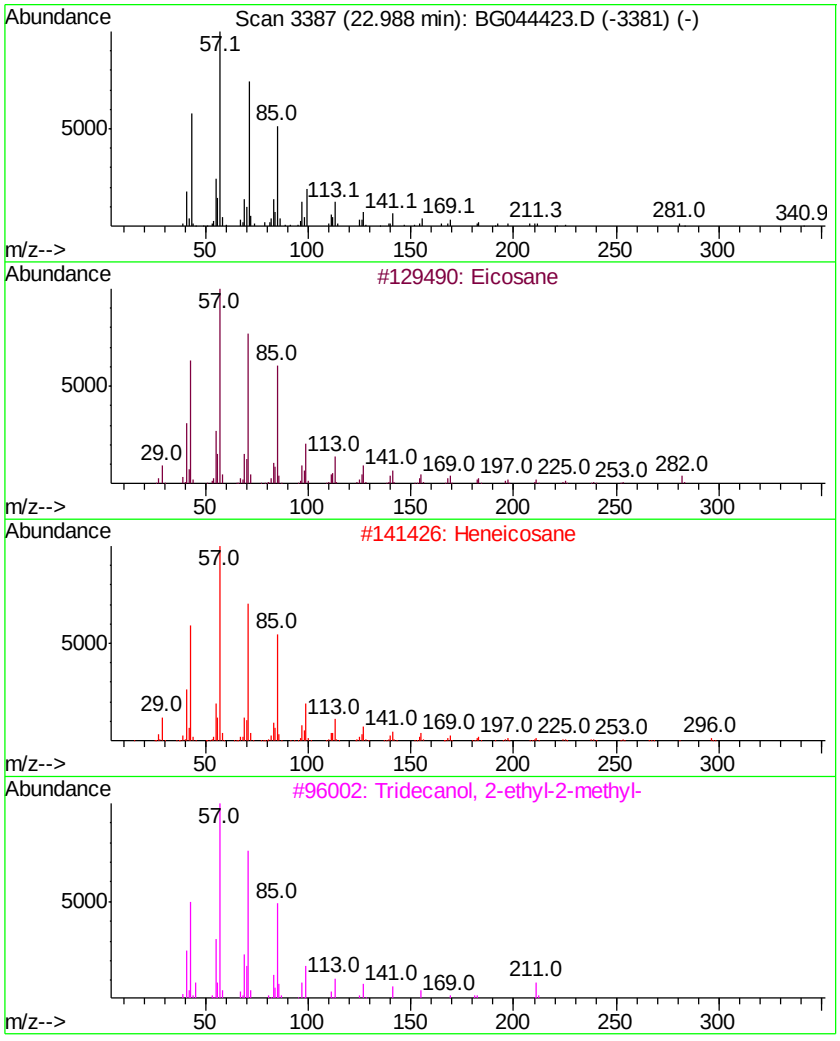
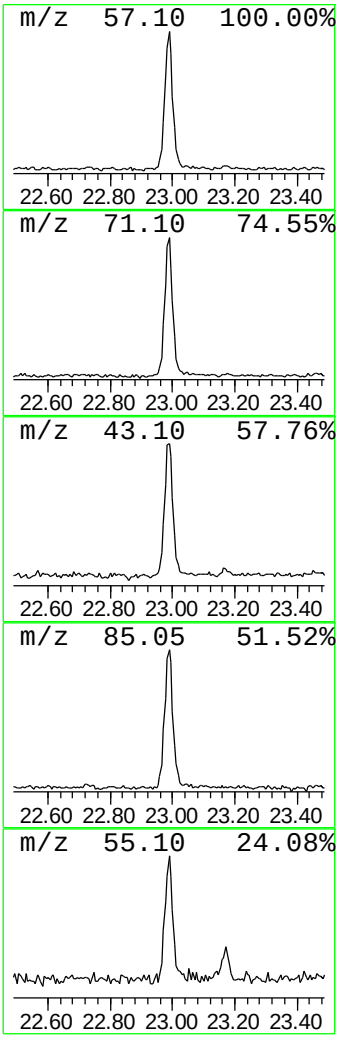
Peak Number 3 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.57 ng	158746	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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TIC Library : C:\Database\NIST11.L
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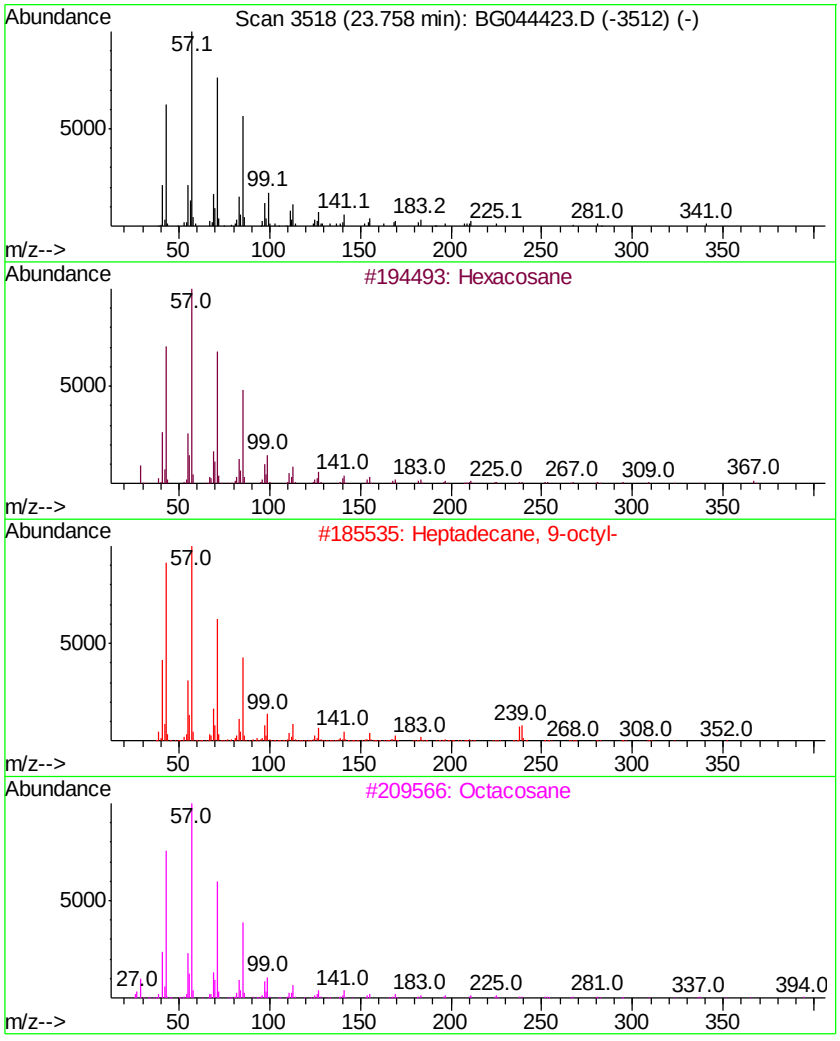
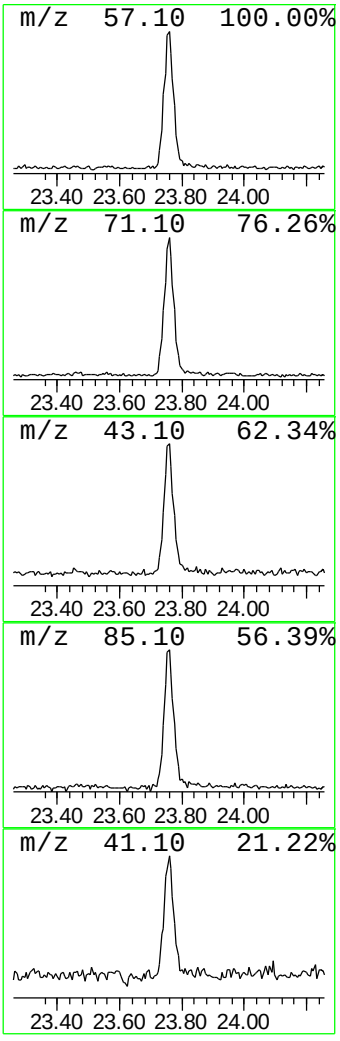
Peak Number 4 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.21 ng	151427	Perylene-d12	24.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	90





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
Nonadecane	22.32	2.2	ng	133770	5	21.53	1233610	20.0
Eicosane	22.99	2.6	ng	158746	5	21.53	1233610	20.0
Hexacosane	23.76	2.2	ng	151427	6	24.62	1369370	20.0