LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044374.D
Acq On : 11 Feb 2020 4:31
Operator : CG/JU
Sample : L1472-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-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:\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	5.482	400	407	421	rBV	904099	1526465	34.88%	6.999%
2	7.074	670	678	703	rBV	984073	1699834	38.84%	7.794%
3	7.902	811	819	826	rBV	219589	366336	8.37%	1.680%
4	8.226	866	874	882	rBV	750049	1296880	29.63%	5.946%
5	9.060	1007	1016	1032	rBV	557404	1053158	24.07%	4.829%
6	10.705	1288	1296	1313	rBV	286301	547861	12.52%	2.512%
7	13.161	1707	1714	1726	rBV	1651469	2661272	60.81%	12.202%
8	14.001	1851	1857	1869	rVB2	46566	84129	1.92%	0.386%
9	14.542	1941	1949	1960	rBV	543029	863213	19.73%	3.958%
10	16.028	2196	2202	2220	rBV	1424907	2237037	51.12%	10.257%
11	17.286	2410	2416	2426	rBV	735824	1159713	26.50%	5.317%
12	19.900	2855	2861	2878	rBV	3237750	4376210	100.00%	20.065%
13	20.711	2995	2999	3003	rBV	42118	46636	1.07%	0.214%
14	21.204	3077	3083	3091	rBV3	115364	202623	4.63%	0.929%
15	21.528	3132	3138	3152	rBV	790397	1304546	29.81%	5.981%
16	21.739	3169	3174	3180	rBV	79355	110616	2.53%	0.507%
17	22.321	3268	3273	3282	rBV2	95486	156571	3.58%	0.718%
18	22.991	3381	3387	3395	rVB2	106337	187843	4.29%	0.861%
19	23.760	3511	3518	3526	rBV	91327	193342	4.42%	0.886%
20	24.612	3652	3663	3687	rBV2	459728	1531121	34.99%	7.020%
21	25.746	3848	3856	3867	rVB4	49598	146075	3.34%	0.670%
22	27.033	4068	4075	4084	rVB4	20142	58915	1.35%	0.270%

Sum of corrected areas: 21810396

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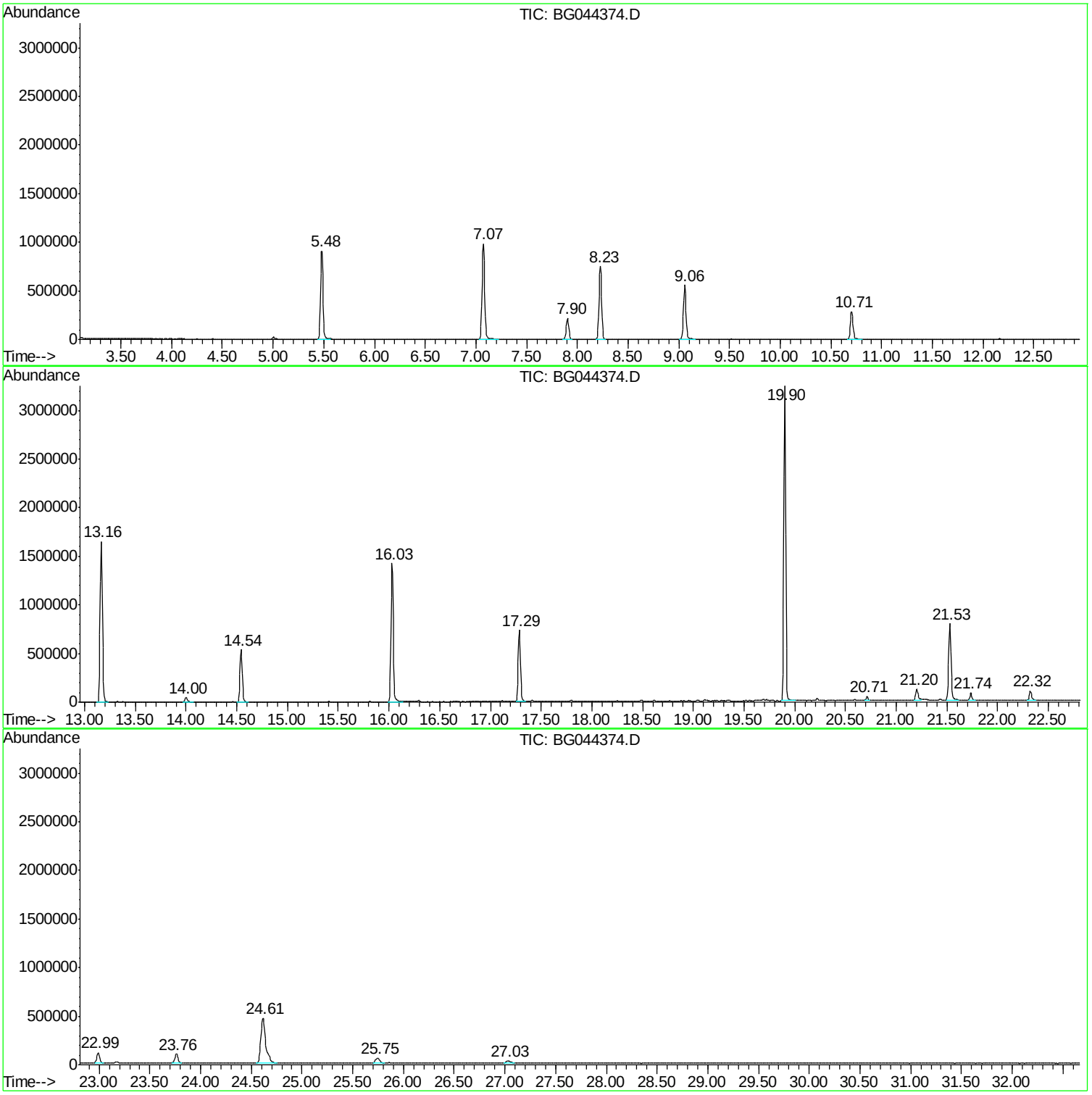
ClientSampleId : TP-5

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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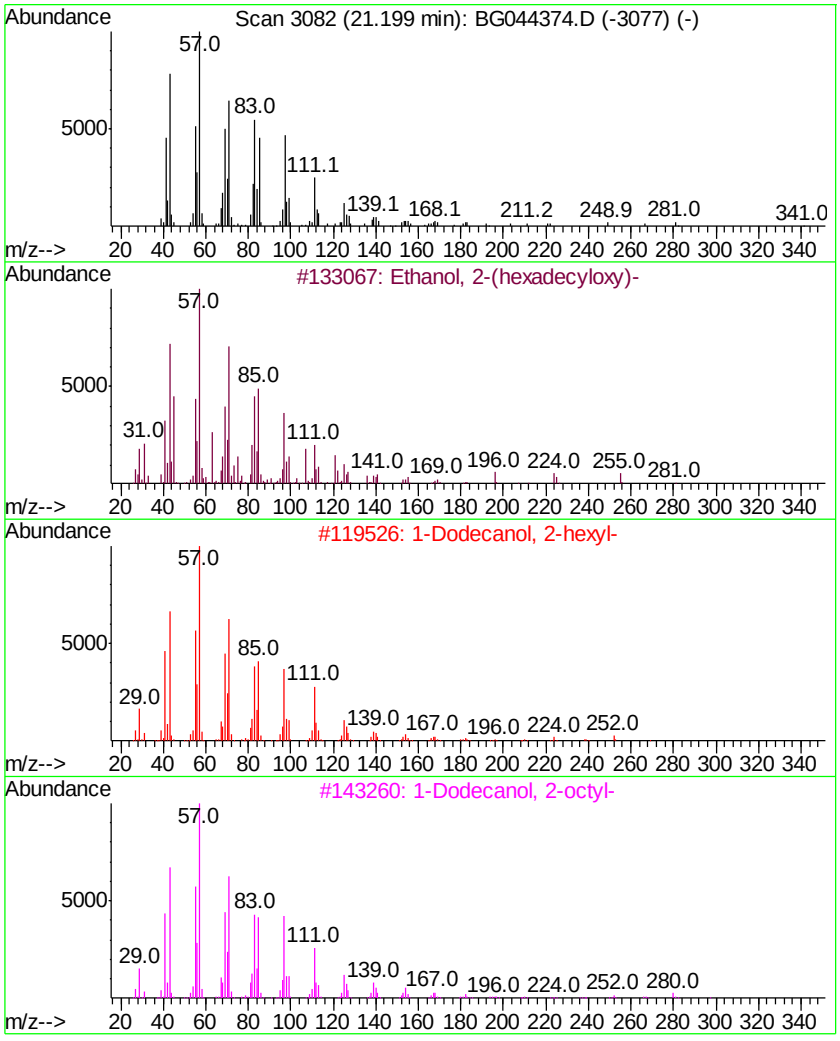
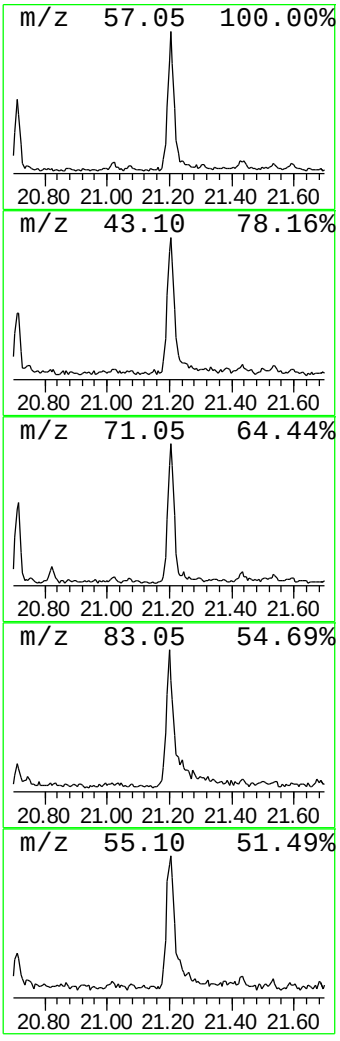
Peak Number 2 Ethanol, 2-(hexadecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	3.11 ng	202623	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	83
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83





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Instrument : BNA_G
ClientSampleId : TP-5

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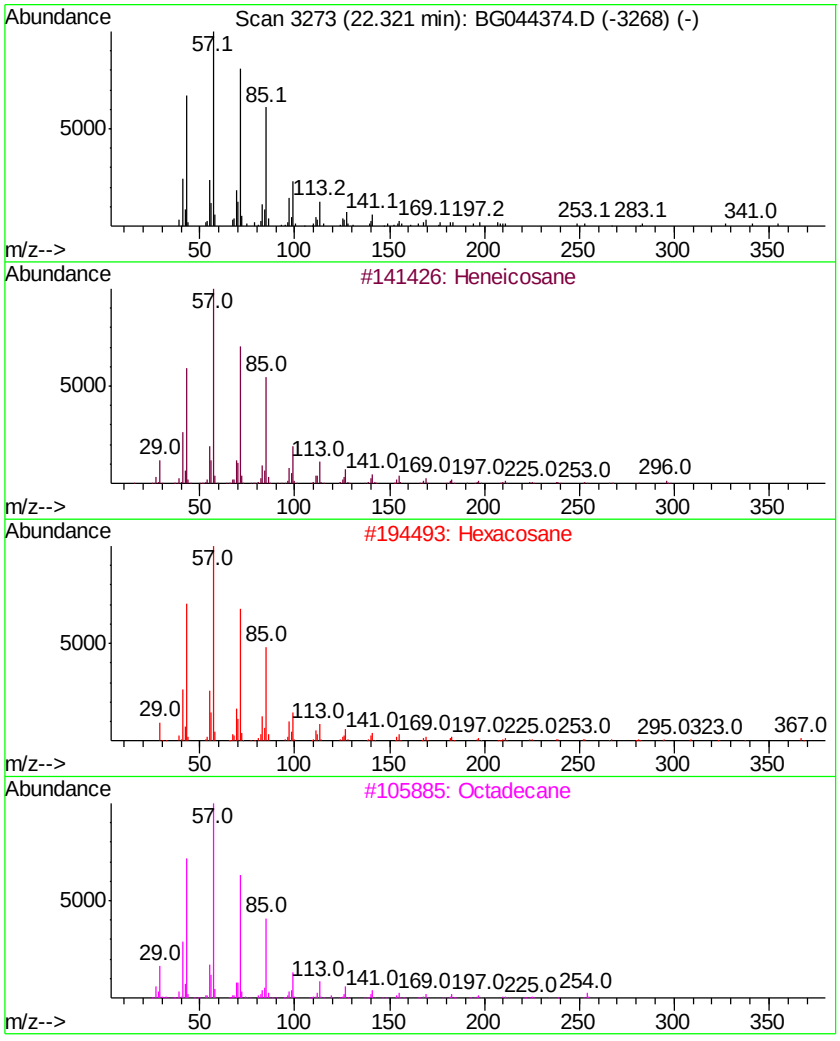
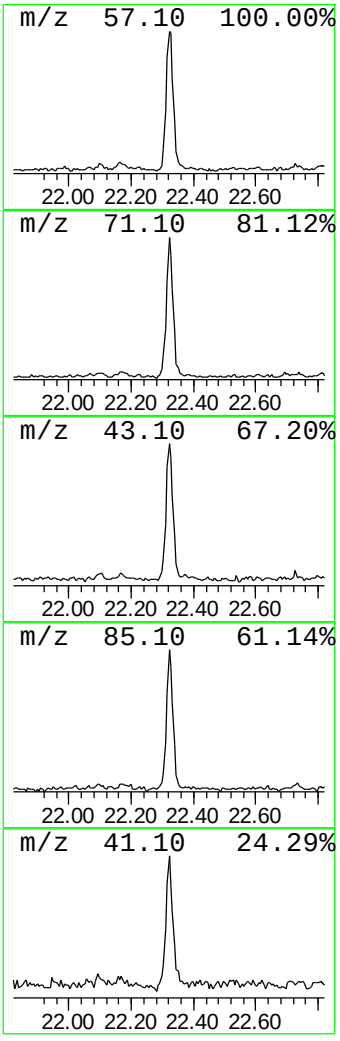
Peak Number 3 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.40 ng	156571	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane	254	C18H38	000593-45-3	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





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Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5

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

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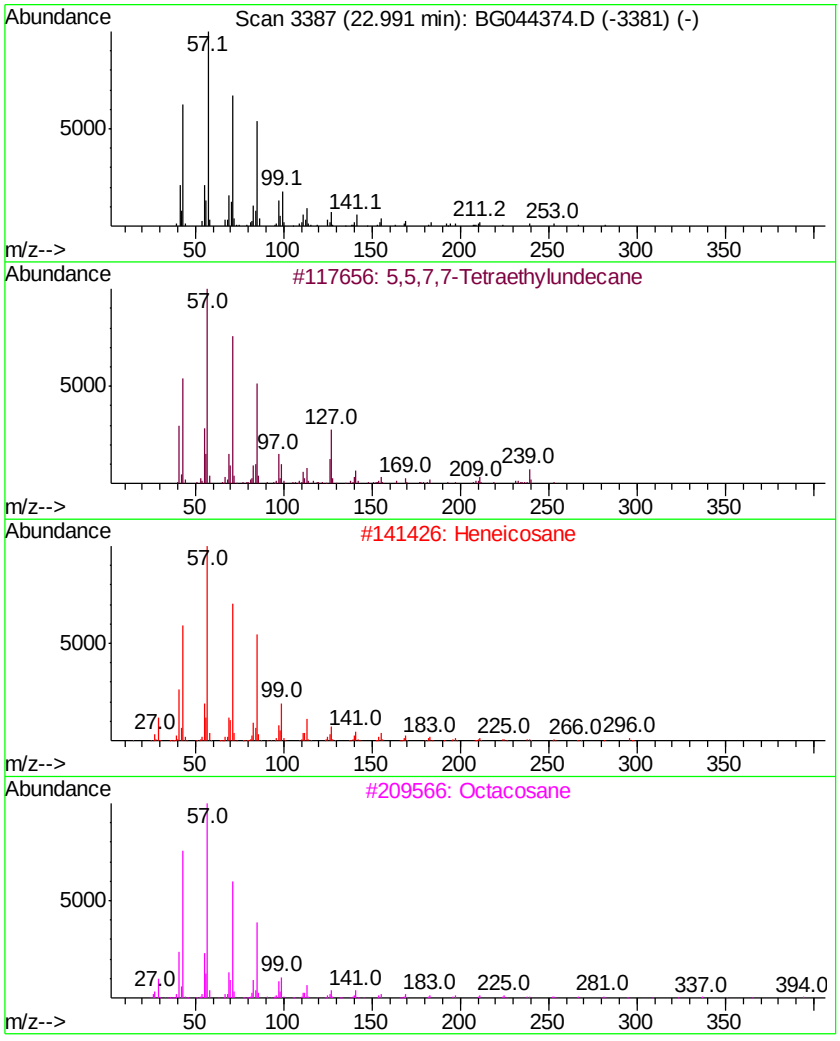
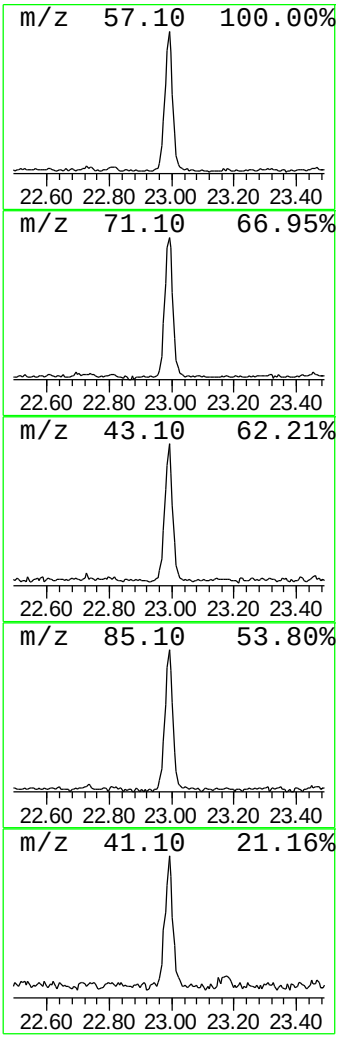
Peak Number 4 5,5,7,7-Tetraethylundecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.88 ng	187843	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Instrument : BNA_G
ClientSampleId : TP-5

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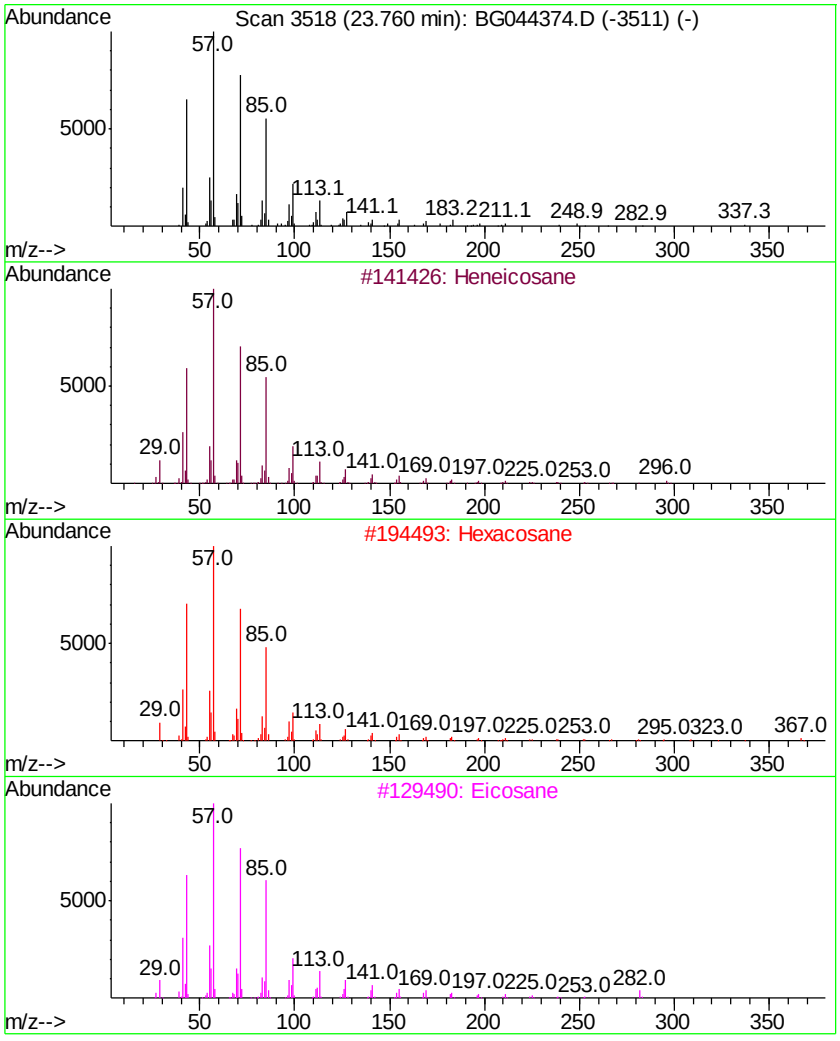
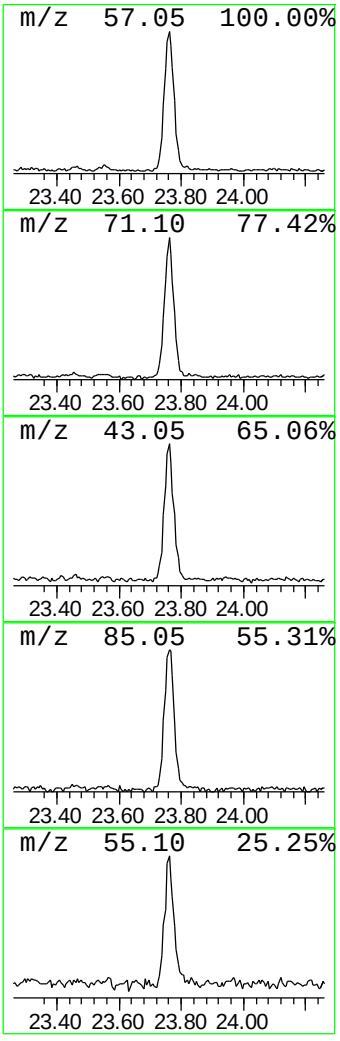
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.53 ng	193342	Perylene-d12	24.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Heptadecane	240	C17H36	000629-78-7	86





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
ClientSampleId : TP-5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(hexad...	21.20	3.1	ng	202623	5	21.53	1304550	20.0
Heneicosane	22.32	2.4	ng	156571	5	21.53	1304550	20.0
5,5,7,7-Tetraethy...	22.99	2.9	ng	187843	5	21.53	1304550	20.0
Hexacosane	23.76	2.5	ng	193342	6	24.62	1531120	20.0