

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044824.D
 Acq On : 16 Mar 2020 22:15
 Operator : CG/JU
 Sample : L1859-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-SA

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BG031020.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	3.152	5	11	20	rVV4	54751	127789	2.49%	0.418%
2	3.235	20	25	32	rVB2	31800	55109	1.07%	0.180%
3	5.620	424	431	440	rBV	1532404	2507789	48.77%	8.212%
4	7.206	693	701	711	rBV	1556995	2771037	53.89%	9.074%
5	8.052	837	845	852	rBV	378692	670951	13.05%	2.197%
6	8.376	891	900	907	rBV	1221486	2161264	42.03%	7.077%
7	8.428	907	909	916	rVB2	45646	62780	1.22%	0.206%
8	9.204	1032	1041	1050	rBV	978352	1818562	35.37%	5.955%
9	10.855	1314	1322	1328	rBV	519039	995916	19.37%	3.261%
10	10.908	1328	1331	1340	rVB	125821	206312	4.01%	0.676%
11	13.311	1731	1740	1747	rBV	2522248	4117685	80.08%	13.484%
12	14.128	1873	1879	1884	rBV	172661	264372	5.14%	0.866%
13	14.680	1965	1973	1985	rBV	854113	1385946	26.95%	4.538%
14	16.166	2219	2226	2234	rBV	2070009	3277067	63.73%	10.731%
15	17.430	2434	2441	2447	rBV	945419	1572428	30.58%	5.149%
16	18.323	2589	2593	2602	rBV3	101021	178889	3.48%	0.586%
17	19.474	2786	2789	2795	rVB	53822	75181	1.46%	0.246%
18	19.539	2796	2800	2805	rBV5	37872	56196	1.09%	0.184%
19	19.833	2847	2850	2858	rBV2	49378	84238	1.64%	0.276%
20	20.038	2879	2885	2895	rVB	3762339	5142036	100.00%	16.838%
21	21.360	3106	3110	3117	rBV2	165722	288502	5.61%	0.945%
22	21.695	3161	3167	3173	rBV2	806787	1403185	27.29%	4.595%
23	24.915	3708	3715	3725	rVB2	468851	1314547	25.56%	4.305%

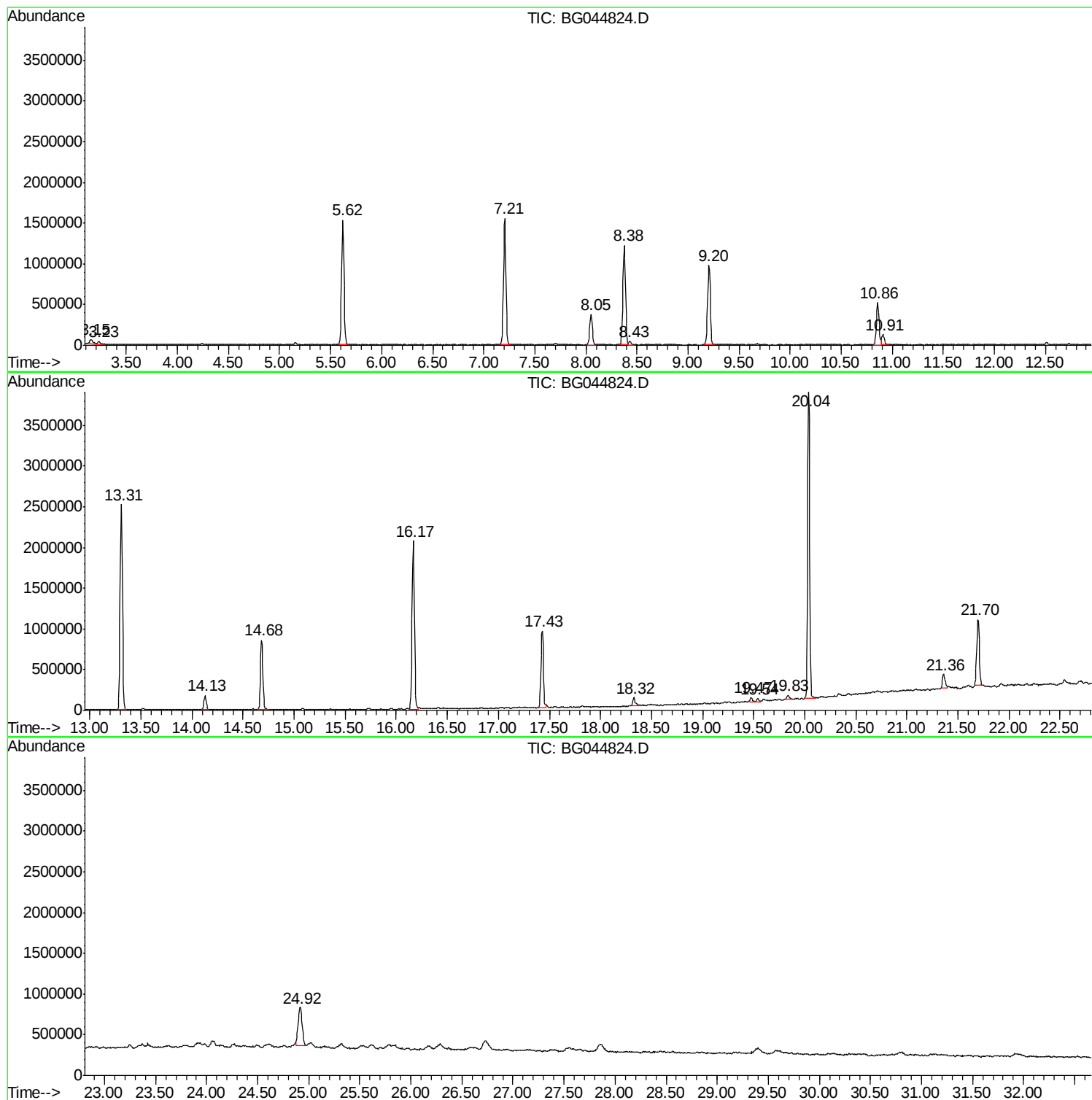
Sum of corrected areas: 30537781

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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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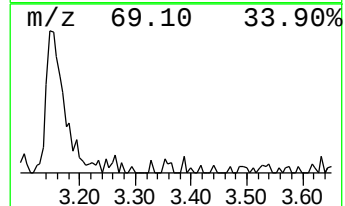
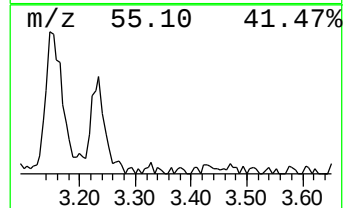
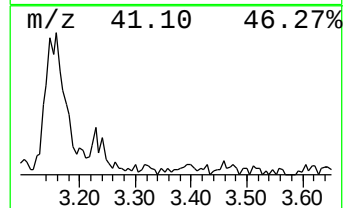
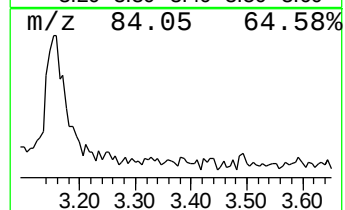
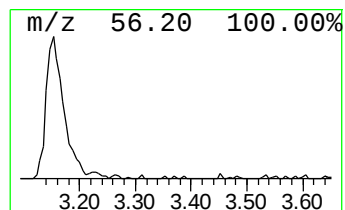
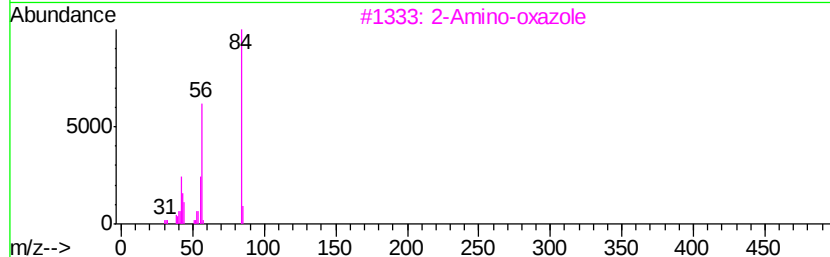
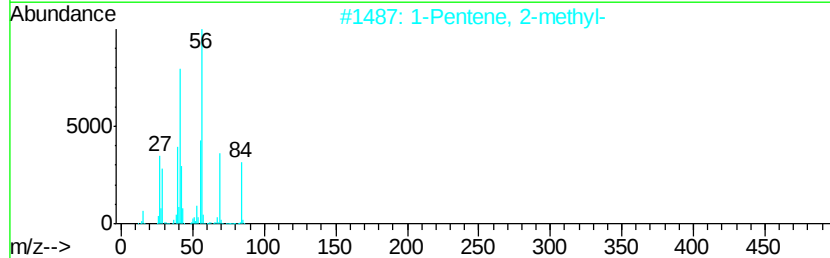
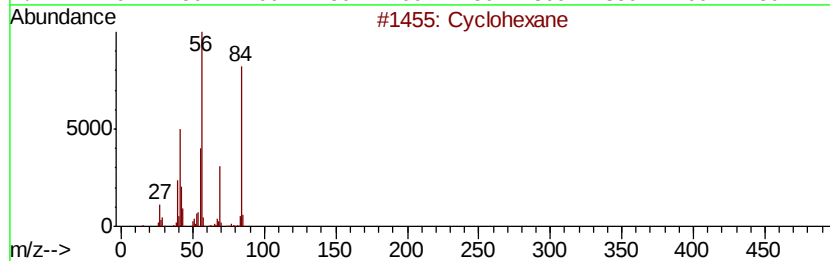
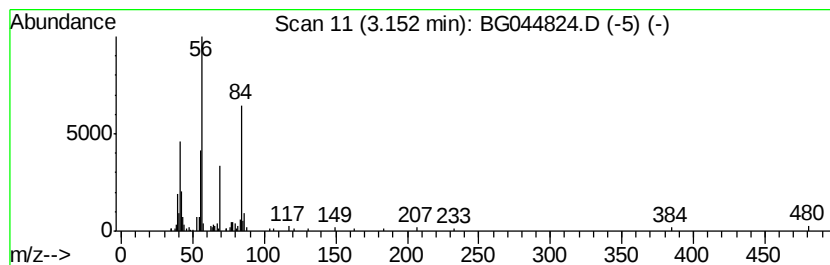
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	3.81 ng	127789	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	87
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3			2-Amino-oxazole	84	C3H4N2O	004570-45-0	72
4			Formic acid, hexyl ester	130	C7H14O2	000629-33-4	59
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	47



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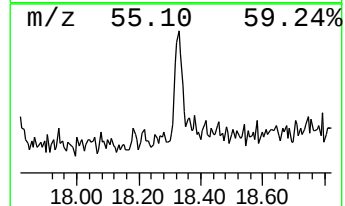
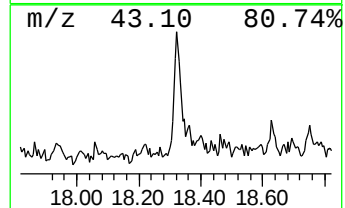
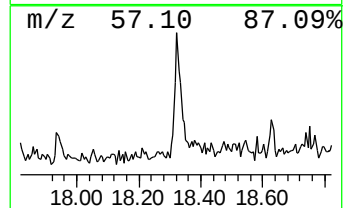
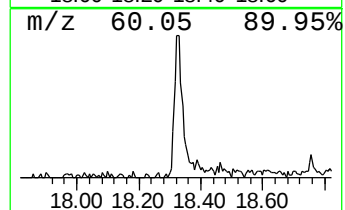
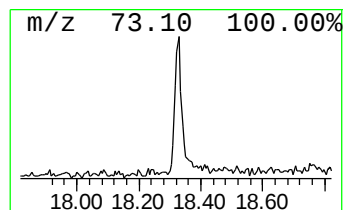
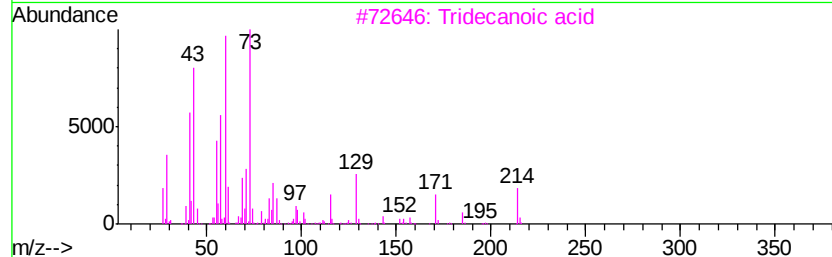
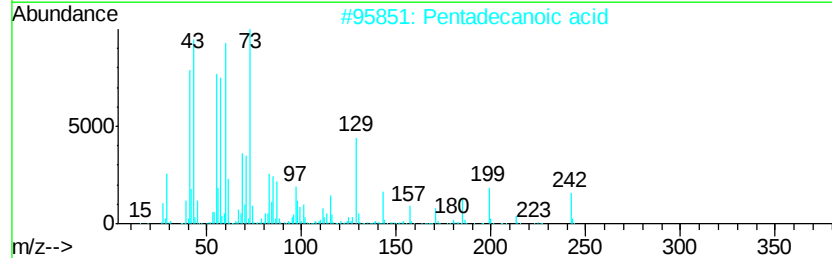
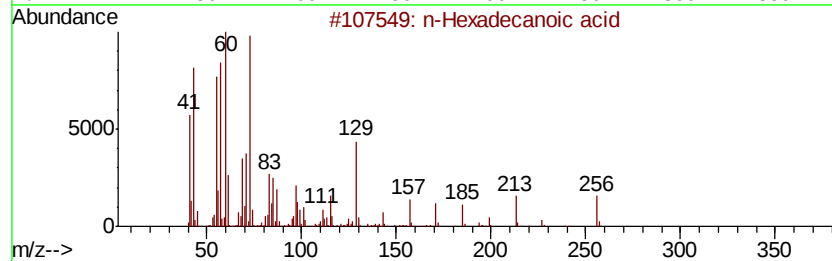
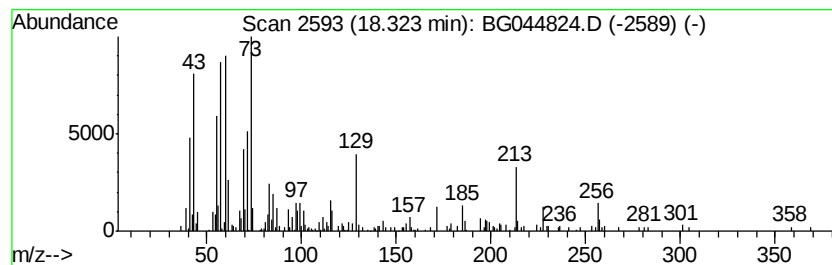
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.28 ng	178889	Phenanthrene-d10	17.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3		Tridecanoic acid	214	C13H26O2	000638-53-9	50
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5		.alpha.-D-Galactopyranoside, 1-0...	304	C15H28O6	1000157-35-8	43



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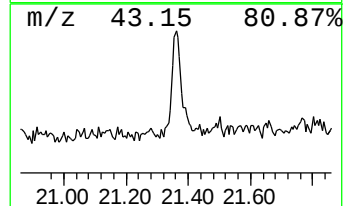
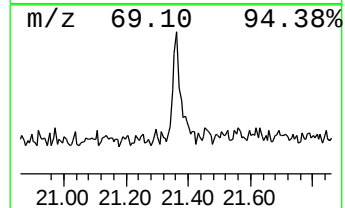
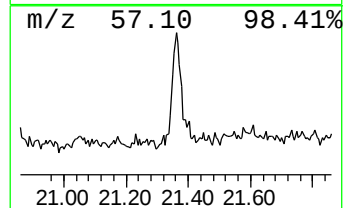
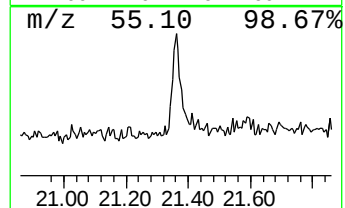
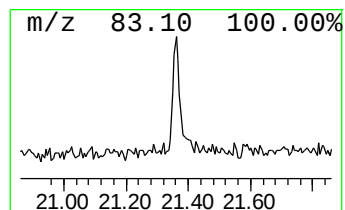
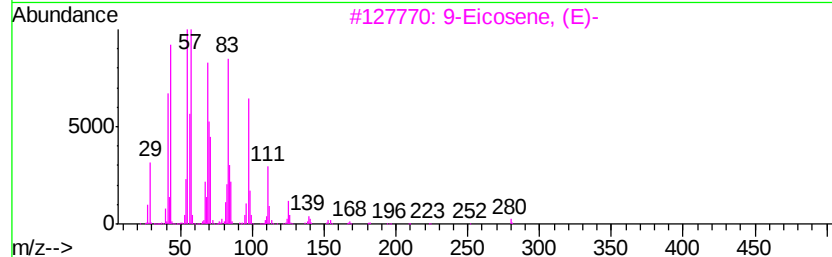
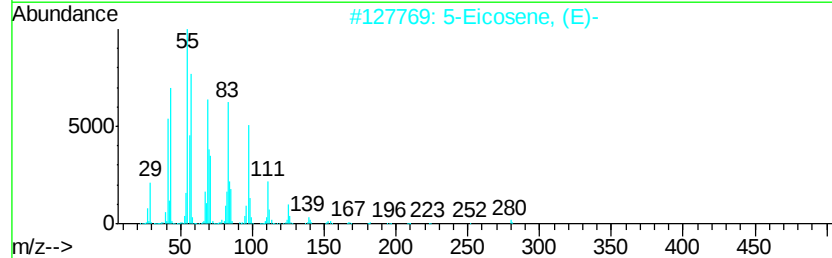
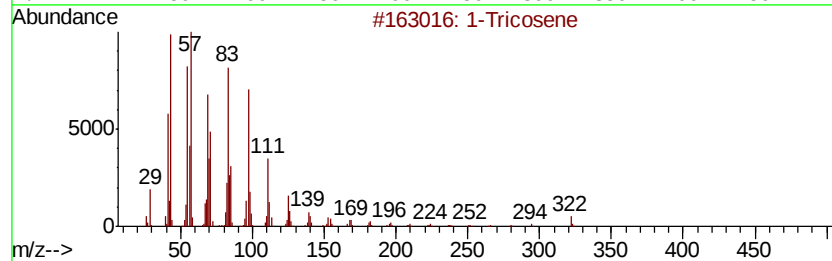
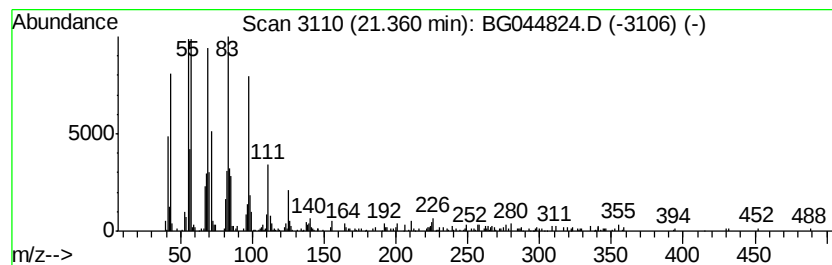
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Peak Number 4 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.11 ng	288502	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	93
2	5-Eicosene, (E)-		280	C20H40	074685-30-6	91
3	9-Eicosene, (E)-		280	C20H40	074685-29-3	91
4	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
5	9-Tricosene, (Z)-		322	C23H46	027519-02-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane	3.15	3.8	ng	127789	1	8.05	670951	20.0
n-Hexadecanoic acid	18.32	2.3	ng	178889	4	17.43	1572430	20.0
1-Tricosene	21.36	4.1	ng	288502	5	21.70	1403190	20.0