

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044823.D
 Acq On : 16 Mar 2020 21:36
 Operator : CG/JU
 Sample : L1859-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-DA

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	3.148	4	10	21	rBV3	67382	167698	3.45%	0.526%
2	3.237	21	25	31	rVB	34500	51098	1.05%	0.160%
3	5.622	423	431	439	rBV	1560315	2607230	53.71%	8.177%
4	7.203	691	700	711	rBV	1591817	2916045	60.07%	9.146%
5	8.049	837	844	851	rBV	403720	710454	14.64%	2.228%
6	8.378	891	900	907	rBV	1232732	2231482	45.97%	6.999%
7	9.206	1031	1041	1049	rBV	1036549	1887917	38.89%	5.921%
8	10.857	1314	1322	1329	rBV	540857	1023169	21.08%	3.209%
9	10.910	1329	1331	1337	rVB	38029	54229	1.12%	0.170%
10	13.307	1731	1739	1751	rBV	2568844	4185808	86.23%	13.128%
11	14.130	1872	1879	1886	rBV	97421	149640	3.08%	0.469%
12	14.682	1965	1973	1980	rBV2	882755	1392387	28.68%	4.367%
13	16.168	2218	2226	2235	rBV	2040406	3272139	67.41%	10.263%
14	17.426	2432	2440	2445	rBV	1032366	1619973	33.37%	5.081%
15	17.467	2445	2447	2454	rVV	104029	146663	3.02%	0.460%
16	18.325	2584	2593	2603	rBV4	172257	371272	7.65%	1.164%
17	18.495	2617	2622	2627	rBV3	31858	56530	1.16%	0.177%
18	19.476	2784	2789	2795	rVB	191916	257008	5.29%	0.806%
19	19.594	2805	2809	2816	rVB8	32978	55925	1.15%	0.175%
20	19.835	2841	2850	2858	rBV	183015	314957	6.49%	0.988%
21	20.040	2878	2885	2898	rBV	3600699	4854322	100.00%	15.225%
22	21.357	3105	3109	3116	rBV	296323	502678	10.36%	1.577%
23	21.697	3160	3167	3173	rBV2	852610	1599307	32.95%	5.016%
24	24.911	3704	3714	3725	rBV	499313	1456244	30.00%	4.567%

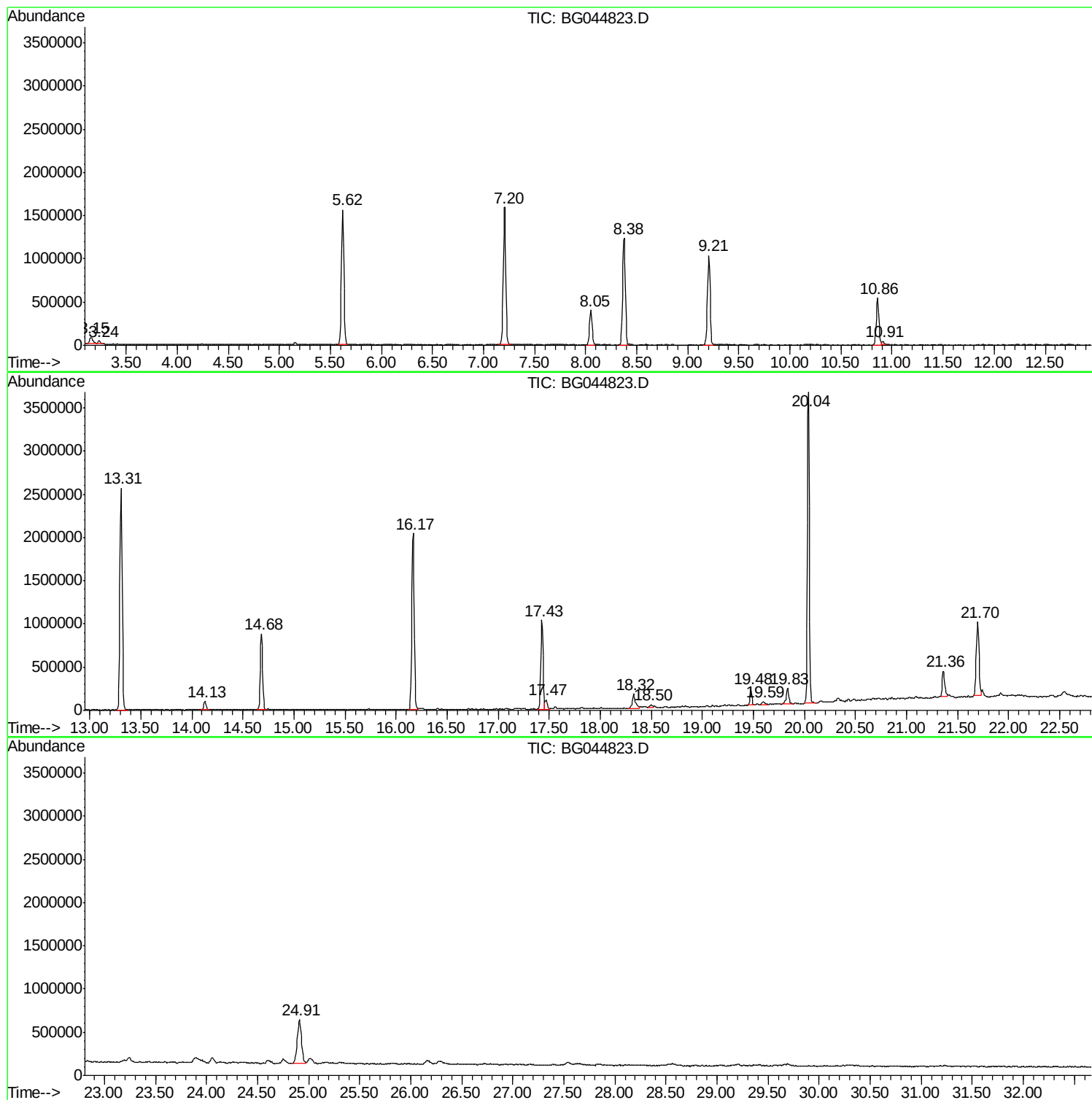
Sum of corrected areas: 31884175

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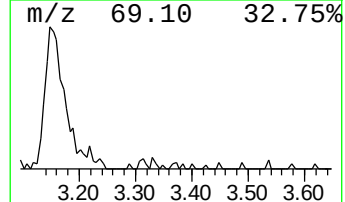
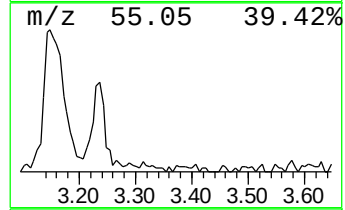
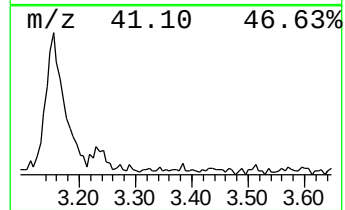
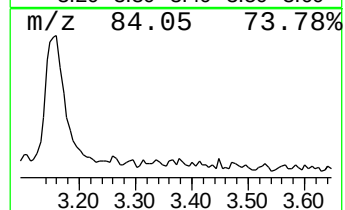
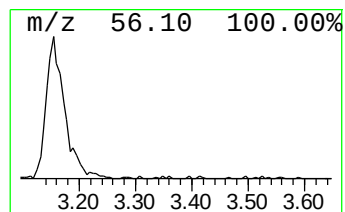
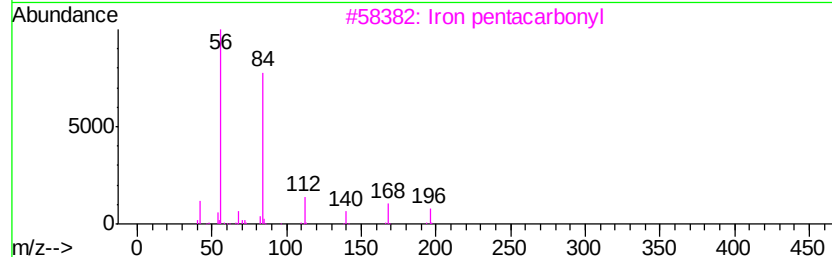
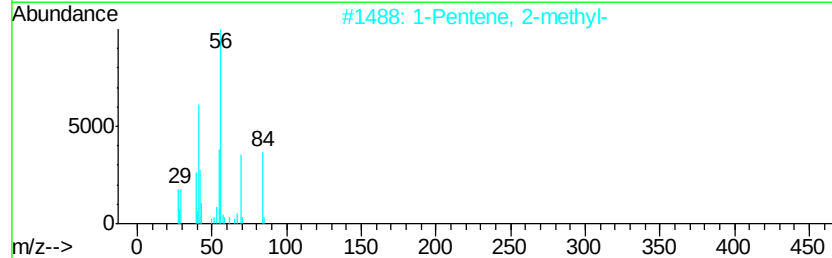
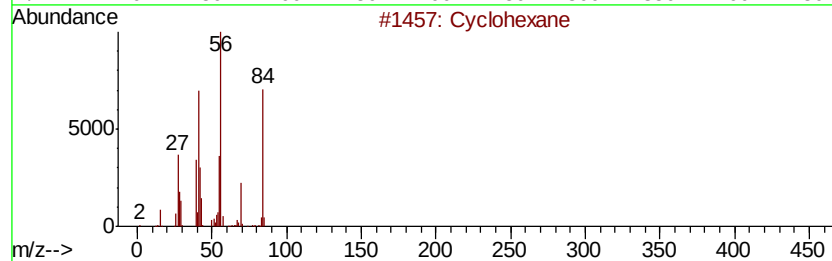
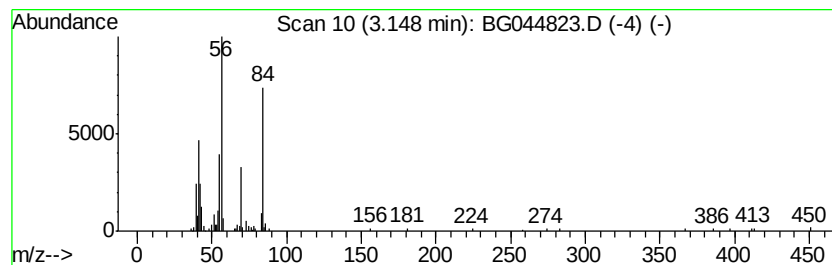
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	4.72 ng	167698	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	86
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3		Iron pentacarbonyl	196	C5FeO5	013463-40-6	56
4		1-Hexene	84	C6H12	000592-41-6	42
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	37



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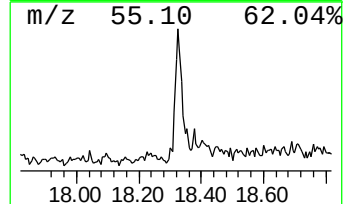
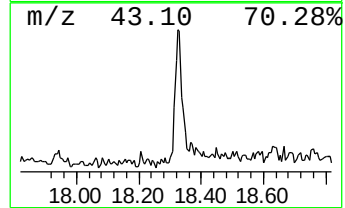
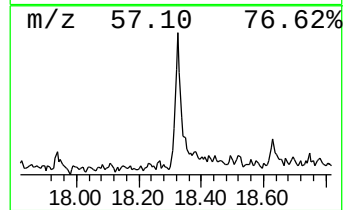
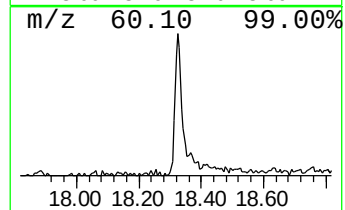
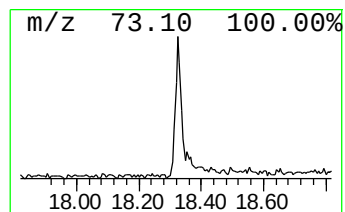
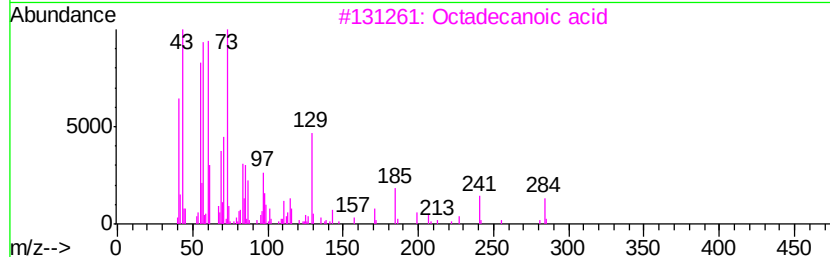
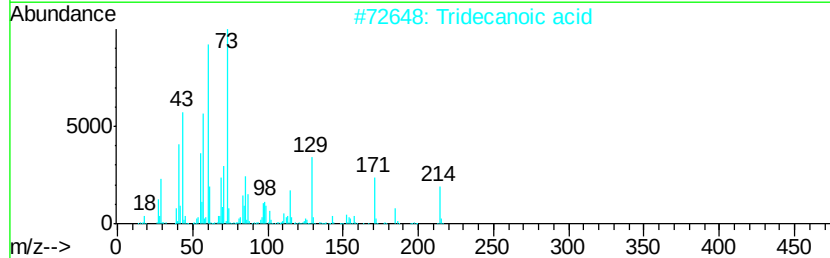
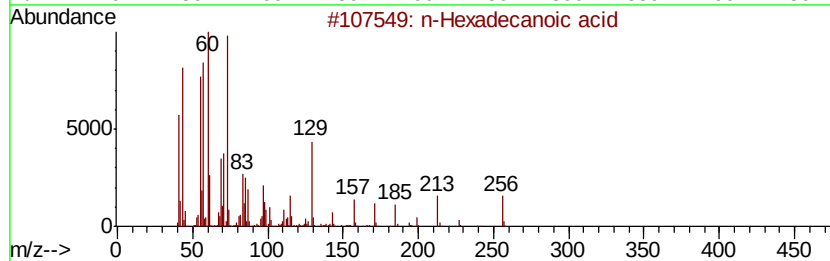
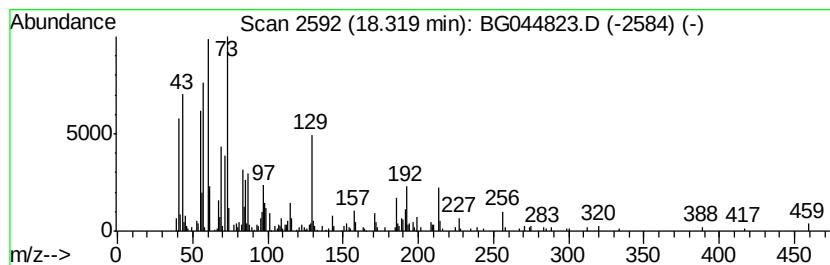
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.58 ng	371272	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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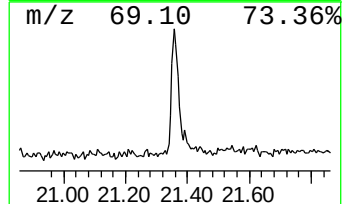
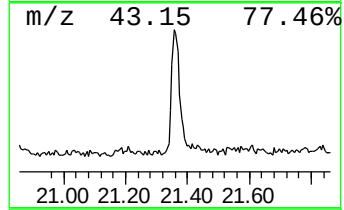
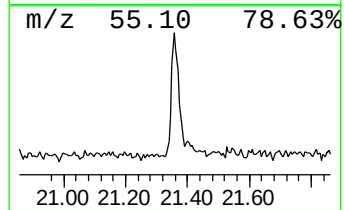
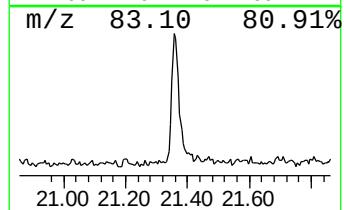
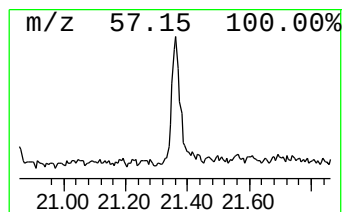
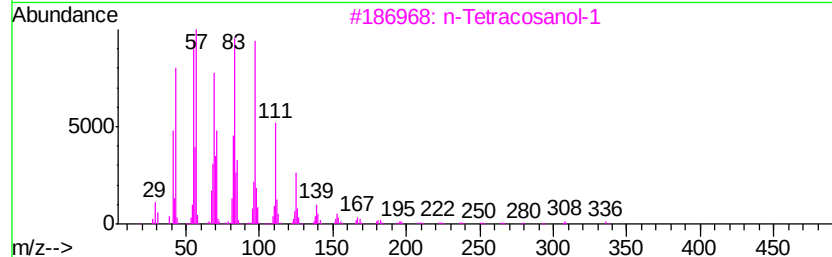
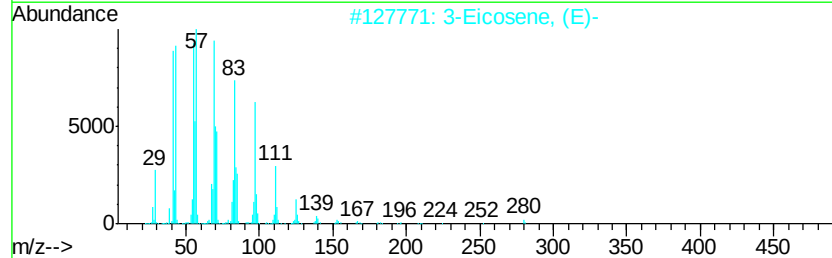
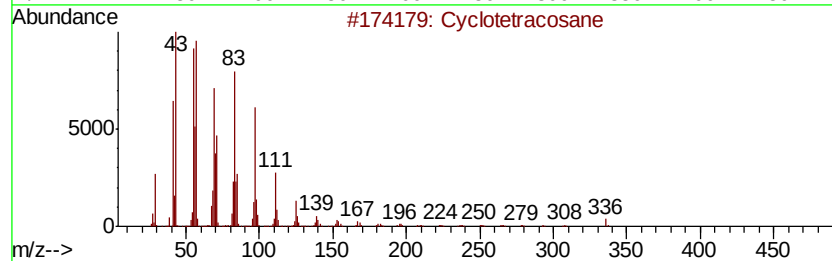
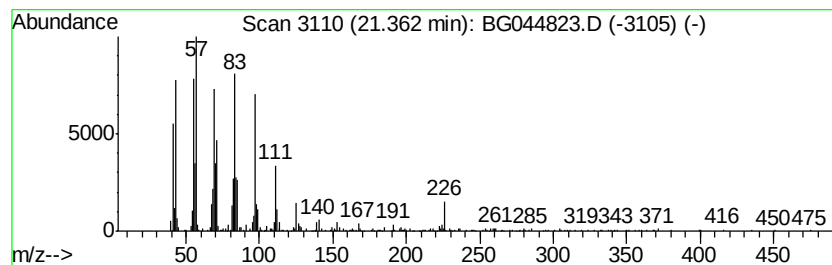
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Peak Number 4 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	6.29 ng	502678	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	99
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		Cyclohexadecane	224	C16H32	000295-65-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane	3.15	4.7 ng		167698	1	8.05	710454	20.0
n-Hexadecanoic acid	18.32	4.6 ng		371272	4	17.43	1619970	20.0
Cyclotetracosane	21.36	6.3 ng		502678	5	21.70	1599310	20.0