

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048447.D
 Acq On : 22 Mar 2021 16:26
 Operator : CG/JU
 Sample : M1718-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-04

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-BG031821.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.647	383	393	402	rBV	532451	843802	32.15%	6.545%
2	7.245	657	665	677	rBV	574769	981484	37.40%	7.613%
3	8.103	803	811	817	rBV2	191306	322211	12.28%	2.499%
4	9.267	1002	1009	1018	rBV	345159	611687	23.31%	4.744%
5	10.924	1285	1291	1300	rVB	248398	437716	16.68%	3.395%
6	13.368	1699	1707	1716	rVB	946326	1426826	54.36%	11.067%
7	14.184	1840	1846	1852	rBV2	29655	45596	1.74%	0.354%
8	14.743	1934	1941	1951	rVB2	451624	698326	26.61%	5.416%
9	16.229	2184	2194	2203	rBV	979228	1443584	55.00%	11.197%
10	17.492	2403	2409	2416	rBV	646847	977756	37.25%	7.584%
11	18.374	2555	2559	2565	rBV	82532	112478	4.29%	0.872%
12	19.143	2683	2690	2694	rBV	84769	115396	4.40%	0.895%
13	19.237	2701	2706	2712	rVB8	16581	27201	1.04%	0.211%
14	19.549	2756	2759	2765	rVB5	19580	29191	1.11%	0.226%
15	20.101	2847	2853	2860	rBV	2005124	2624533	100.00%	20.356%
16	21.411	3073	3076	3086	rVB3	84829	155335	5.92%	1.205%
17	21.781	3133	3139	3146	rVB2	604665	1036254	39.48%	8.037%
18	25.119	3697	3707	3715	rBV2	339999	1003543	38.24%	7.784%

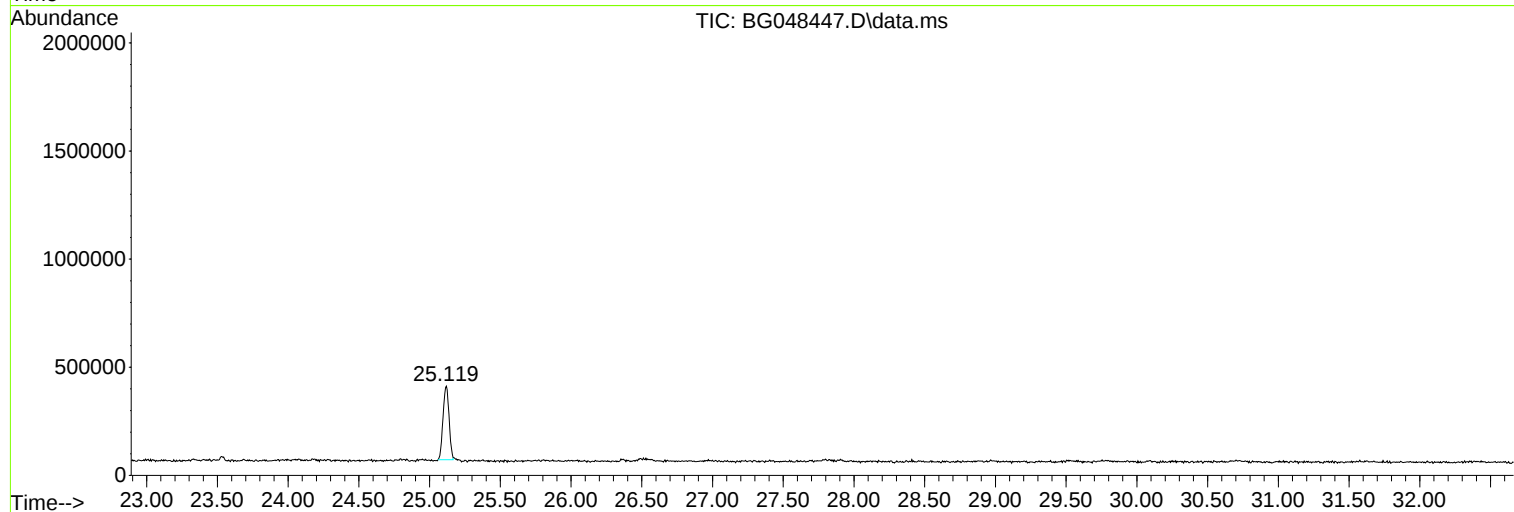
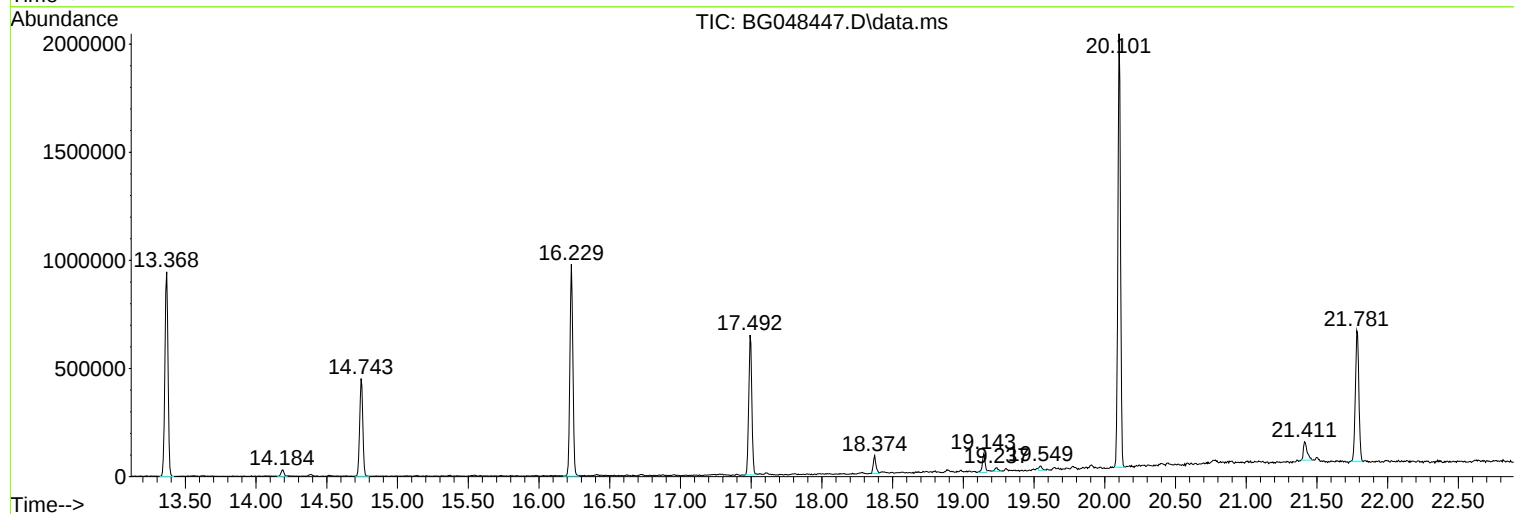
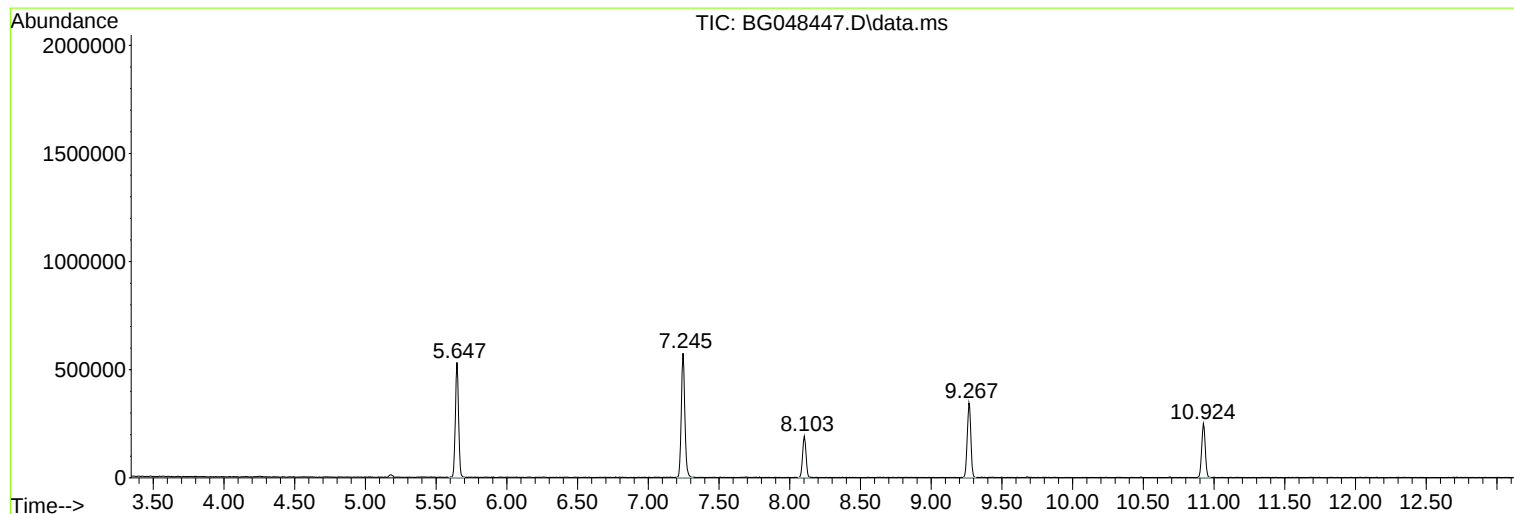
Sum of corrected areas: 12892919

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.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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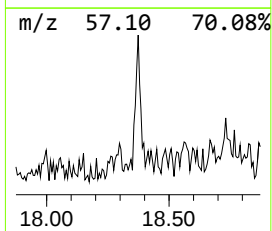
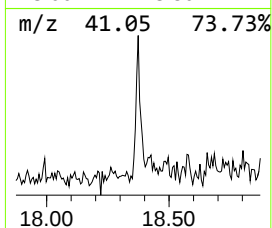
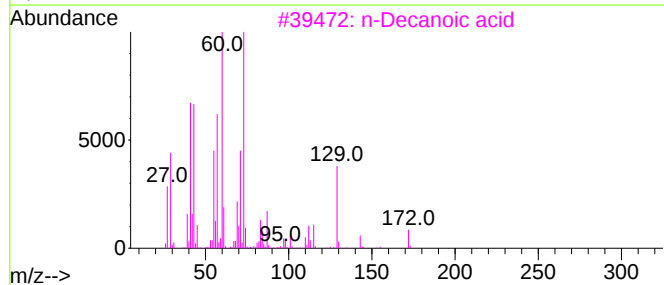
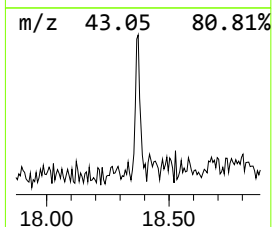
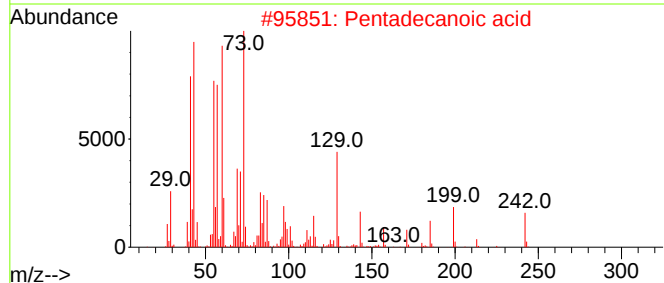
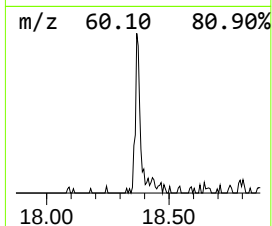
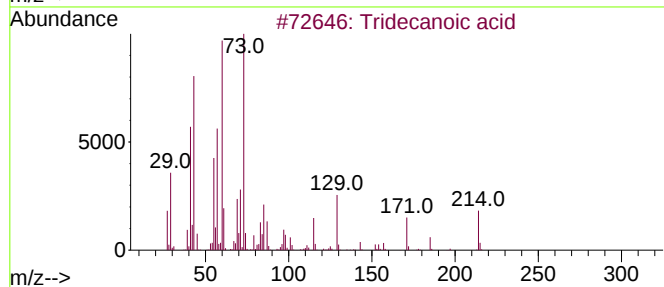
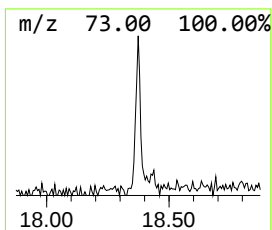
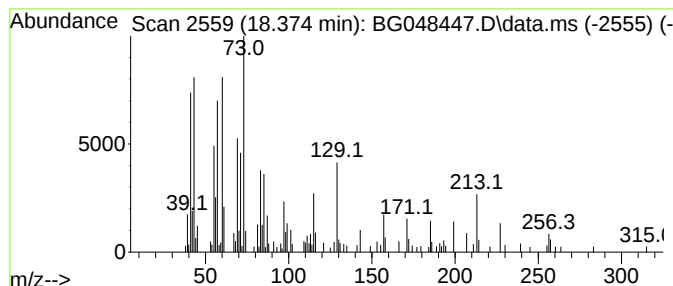
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.30 ng	112478	Phenanthrene-d10	17.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	76
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3			n-Decanoic acid	172	C10H20O2	000334-48-5	62
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5			Undecanoic acid	186	C11H22O2	000112-37-8	49



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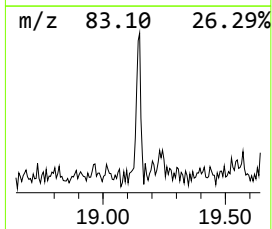
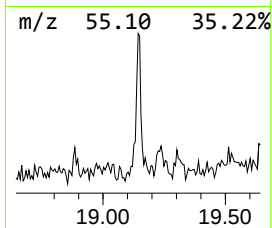
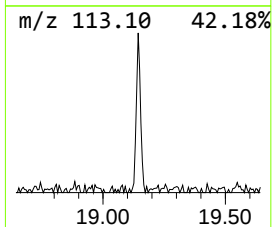
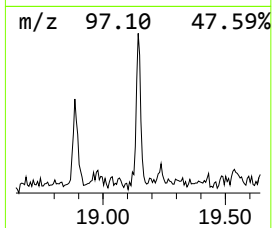
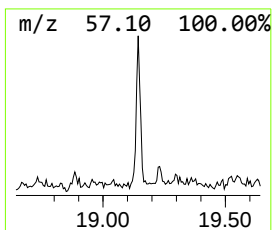
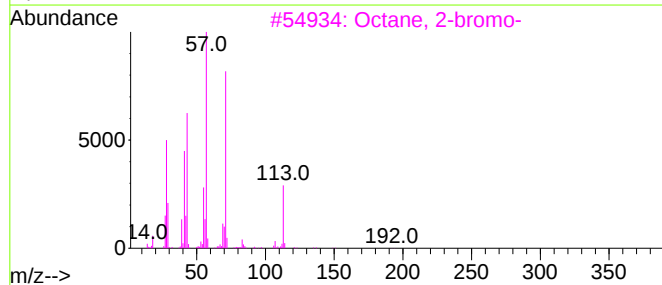
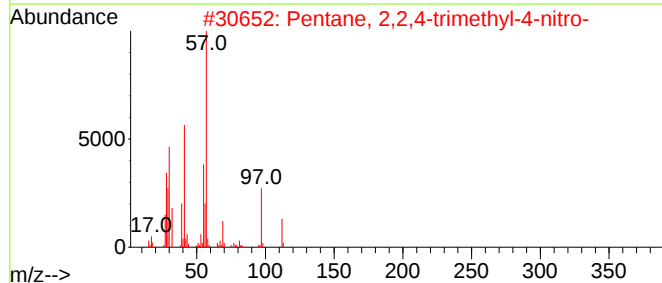
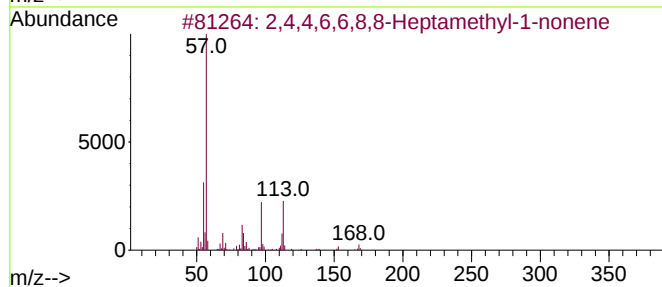
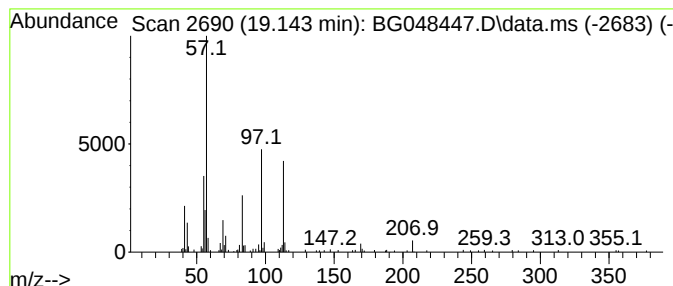
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Peak Number 2 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.143	2.36 ng	115396	Phenanthrene-d10	17.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50	
2	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	32	
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25	
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	25	
5	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	23	



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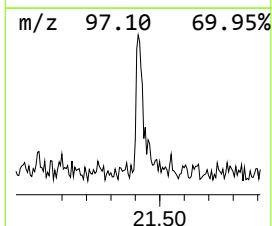
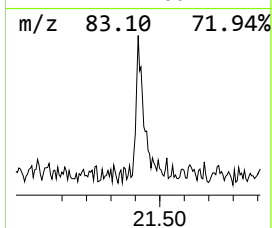
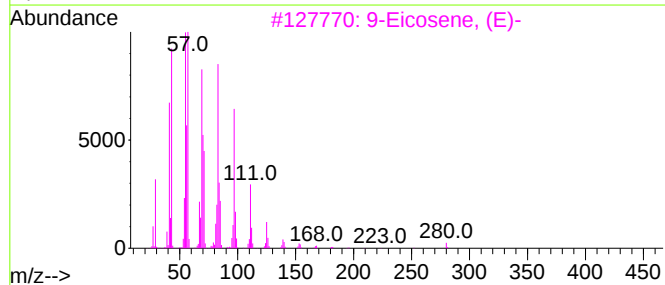
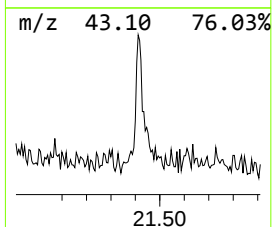
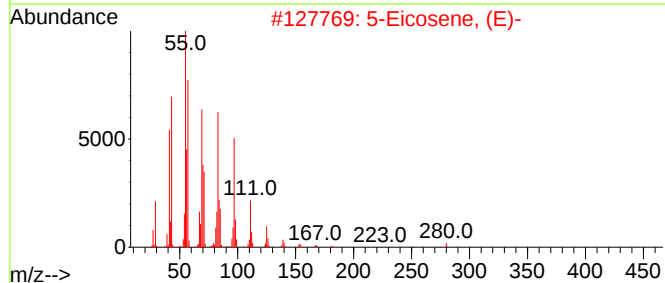
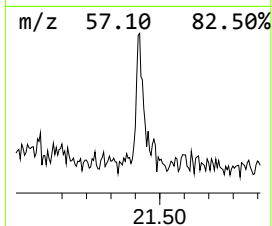
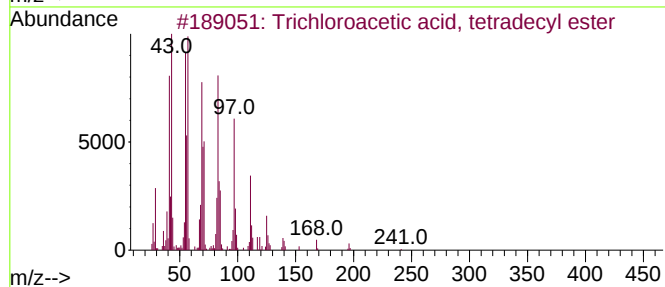
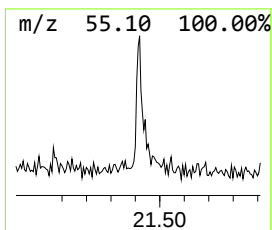
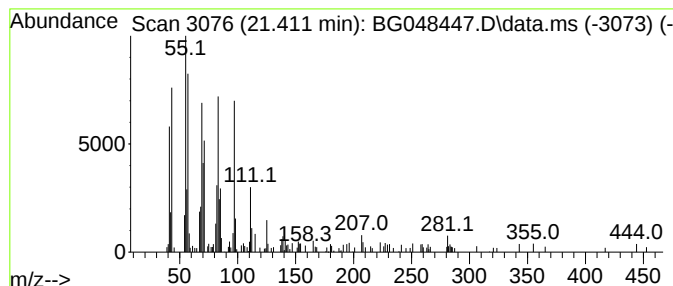
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Peak Number 3 Trichloroacetic acid, tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.411	3.00 ng	155335	Chrysene-d12	21.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3			9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4			Z-5-Nonadecene	266	C19H38	1000131-11-8	91
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.374	2.3	ng	112478	4	17.492	977756	20.0
2,4,4,6,6,8,8-H...	19.143	2.4	ng	115396	4	17.492	977756	20.0
Trichloroacetic...	21.411	3.0	ng	155335	5	21.781	1036250	20.0