

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127984.D
 Acq On : 28 Apr 2022 16:45
 Operator : CG\JU
 Sample : N2600-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-15S

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_F\Methods\8270-BF042222.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.552	550	555	558	rBV	2602257	2539434	86.45%	12.808%
2	6.552	720	725	728	rBV	2447499	2616946	89.09%	13.199%
3	6.928	785	789	793	rVB	706450	554331	18.87%	2.796%
4	7.493	880	885	888	rBV	1843124	1756285	59.79%	8.858%
5	8.210	1003	1007	1011	rBV	810701	699881	23.83%	3.530%
6	9.287	1185	1190	1193	rBV	3225922	2937454	100.00%	14.815%
7	9.969	1302	1306	1310	rBV	926147	775977	26.42%	3.914%
8	10.763	1436	1441	1444	rBV	1983981	1784313	60.74%	8.999%
9	11.463	1556	1560	1563	rBV	910951	792329	26.97%	3.996%
10	11.804	1609	1618	1620	rBV6	20173	48758	1.66%	0.246%
11	11.975	1642	1647	1653	rBV2	161575	157222	5.35%	0.793%
12	12.228	1687	1690	1694	rBV	814168	622260	21.18%	3.138%
13	12.675	1763	1766	1771	rVB	104525	107594	3.66%	0.543%
14	12.910	1799	1806	1808	rBV	81621	85995	2.93%	0.434%
15	13.051	1825	1830	1833	rBV	2799372	2553695	86.94%	12.880%
16	13.939	1978	1981	1989	rVB2	42725	50197	1.71%	0.253%
17	14.075	1997	2004	2005	rBV3	53695	75347	2.57%	0.380%
18	14.104	2005	2009	2012	rVV	557823	608050	20.70%	3.067%
19	14.133	2012	2014	2022	rVB	70993	80761	2.75%	0.407%
20	14.563	2084	2087	2090	rBV	33492	32918	1.12%	0.166%
21	14.957	2151	2154	2157	rBV	61687	63013	2.15%	0.318%
22	15.169	2186	2190	2193	rBV	60887	90045	3.07%	0.454%
23	15.486	2240	2244	2251	rVB	36675	53152	1.81%	0.268%
24	15.551	2251	2255	2260	rBV	48694	60366	2.06%	0.304%
25	15.616	2261	2266	2279	rVB2	408681	562542	19.15%	2.837%
26	17.145	2521	2526	2537	rVB2	27598	67089	2.28%	0.338%
27	17.616	2600	2606	2616	rVB3	21826	51524	1.75%	0.260%

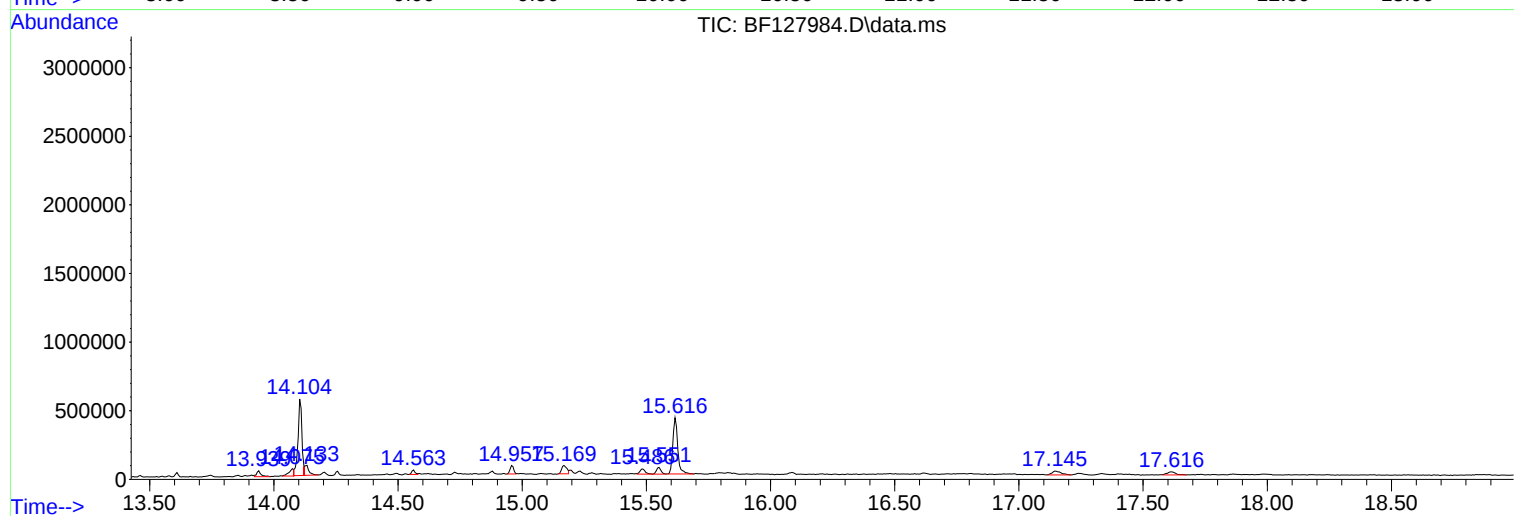
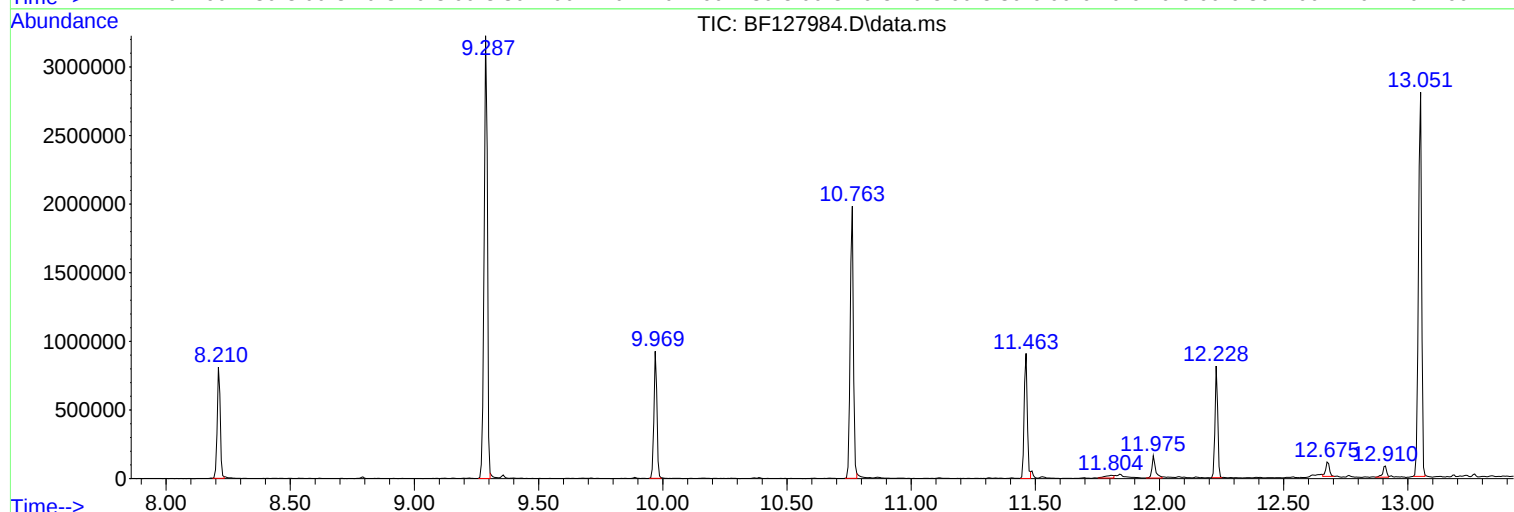
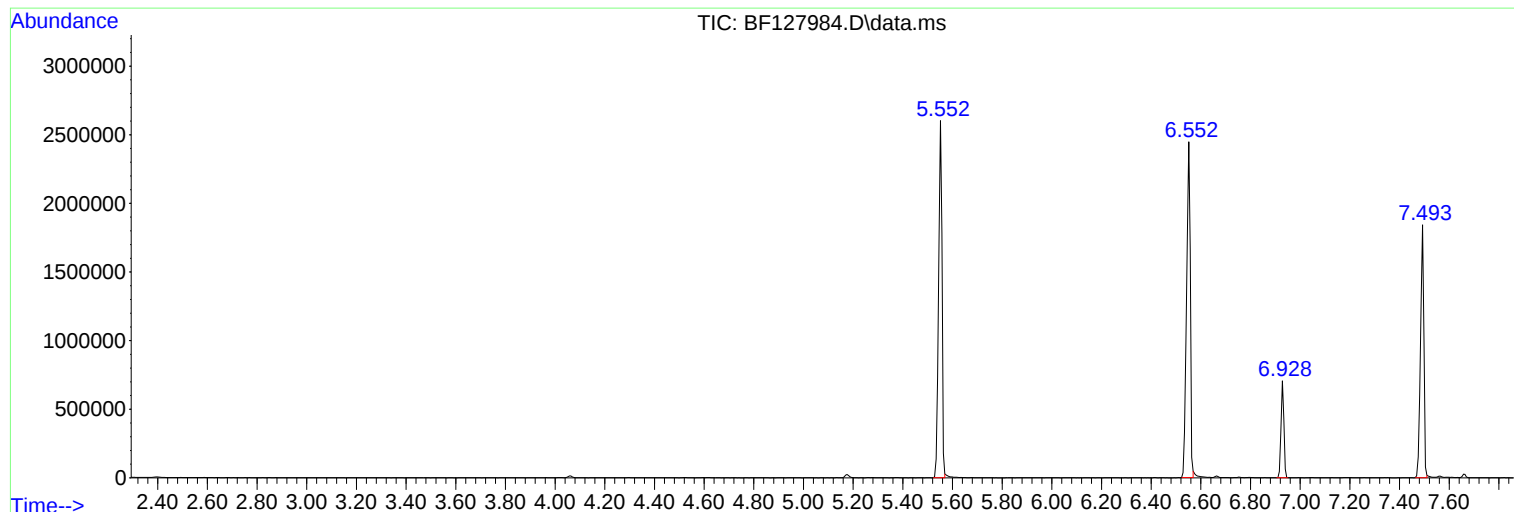
Sum of corrected areas: 19827478

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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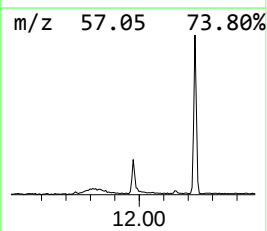
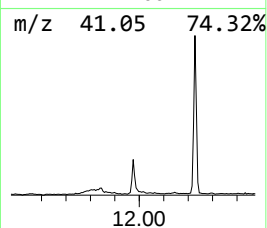
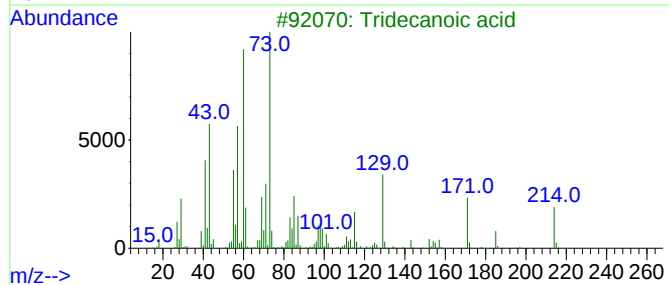
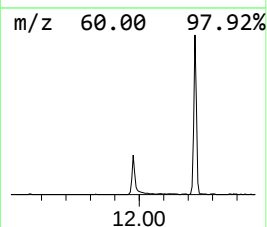
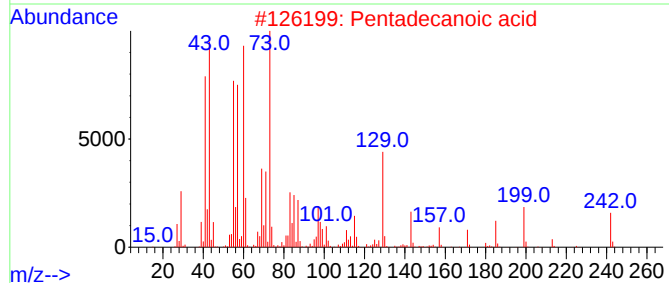
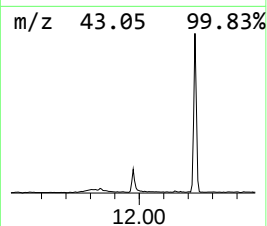
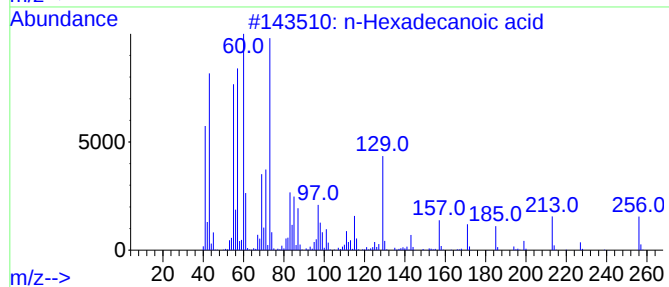
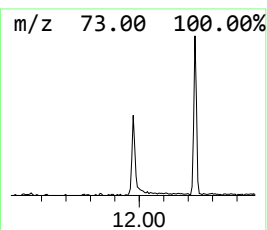
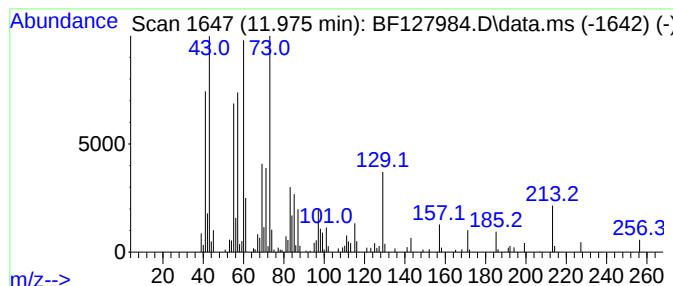
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.97 ng	157222	Phenanthrene-d10	11.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	86
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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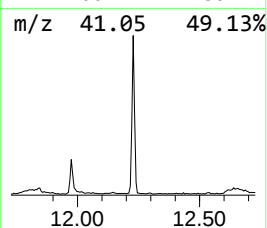
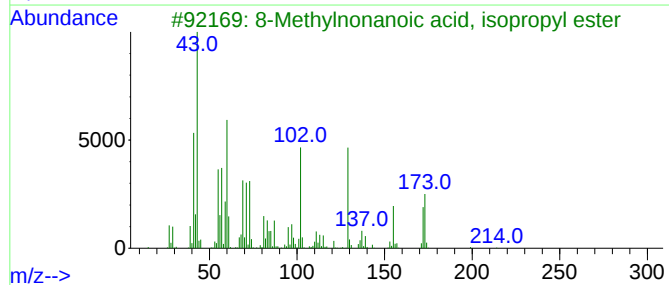
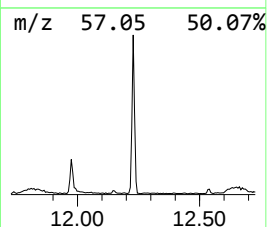
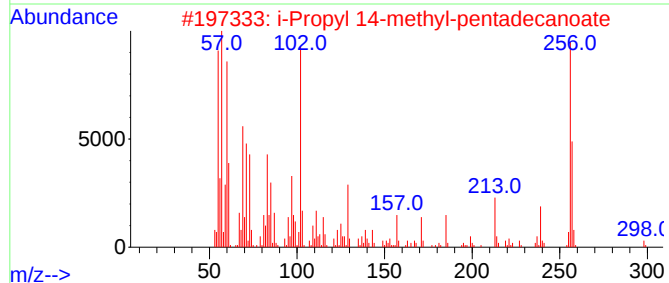
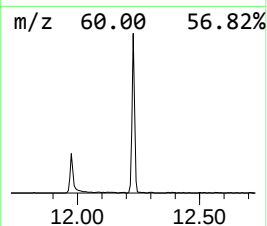
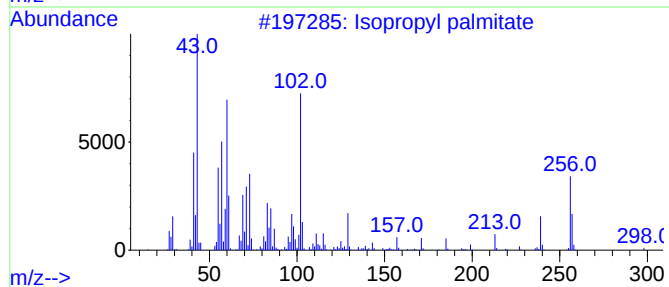
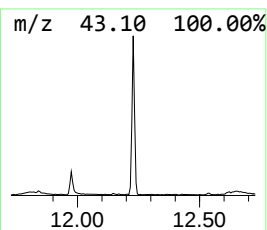
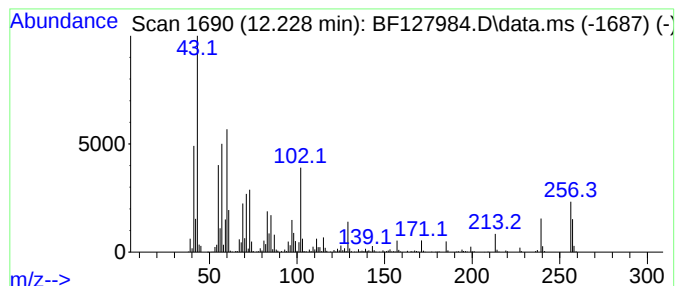
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Peak Number 2 Isopropyl palmitate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.228	15.71 ng	622260	Phenanthrene-d10	11.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	91
2			i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	64
3			8-Methylnonanoic acid, isopropyl...	214	C13H26O2	1000452-00-6	50
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
5			n-Decanoic acid	172	C10H20O2	000334-48-5	27



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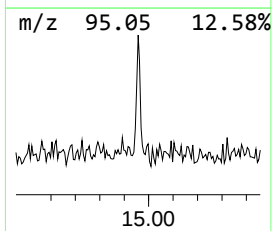
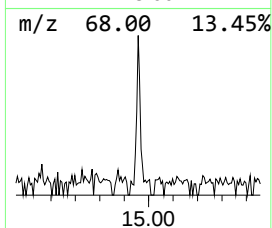
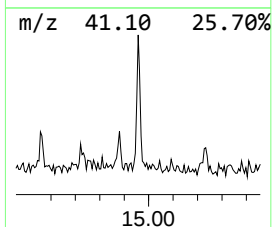
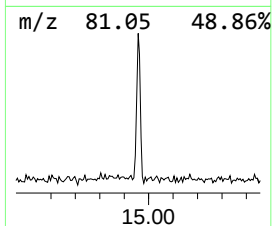
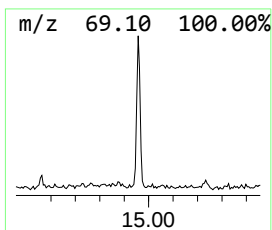
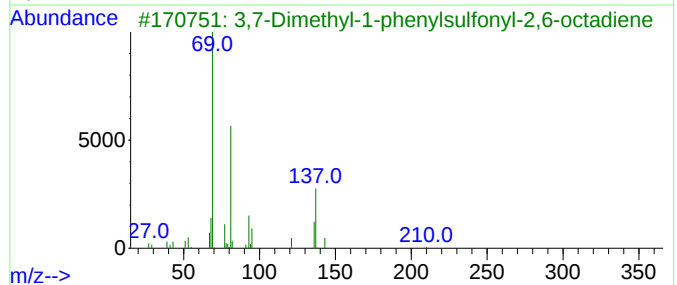
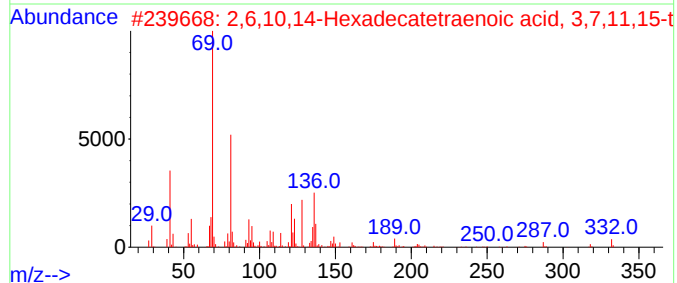
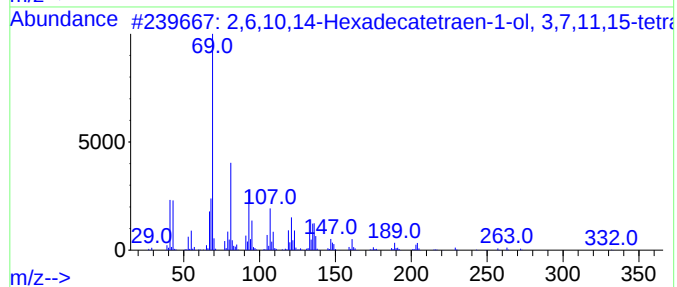
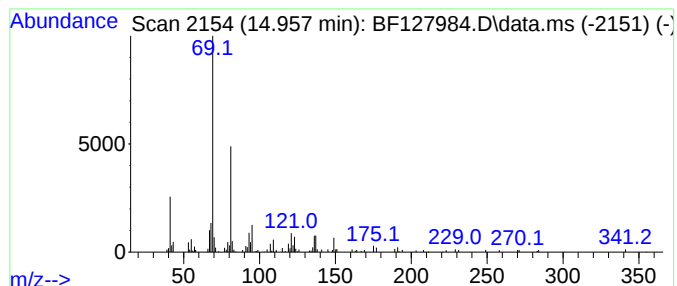
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Peak Number 3 2,6,10,14-Hexadecatetraen-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	2.24 ng	63013	Perylene-d12	15.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72		
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64		
3	3,7-Dimethyl-1-phenylsulfonyl-2,...	278	C16H22O2S	1000432-27-5	64		
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	59		
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.975	4.0	ng	157222	4	11.463	792329	20.0
Isopropyl palmi...	12.228	15.7	ng	622260	4	11.463	792329	20.0
2,6,10,14-Hexad...	14.957	2.2	ng	63013	6	15.616	562542	20.0