

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061920\
 Data File : BF120663.D
 Acq On : 19 Jun 2020 14:59
 Operator : JU/CG
 Sample : L3048-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

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-BF061020.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	5.404	560	564	568	rBV	1171207	1074105	22.28%	4.492%
2	6.428	734	738	750	rVB	830524	748871	15.53%	3.132%
3	6.798	797	801	804	rBV	740105	590489	12.25%	2.469%
4	6.951	823	827	831	rBV	2164712	1937108	40.18%	8.101%
5	7.363	892	897	900	rBV	1602022	1591950	33.02%	6.657%
6	8.081	1015	1019	1022	rBV	897940	737986	15.31%	3.086%
7	9.157	1197	1202	1205	rBV	3752748	3287904	68.20%	13.749%
8	9.545	1265	1268	1272	rBV	388955	294213	6.10%	1.230%
9	9.833	1313	1317	1320	rBV	1146259	932189	19.34%	3.898%
10	10.210	1377	1381	1385	rBV	1009104	921783	19.12%	3.855%
11	10.627	1447	1452	1455	rBV	2263946	2188371	45.39%	9.151%
12	11.322	1566	1570	1573	rBV	1369181	1261739	26.17%	5.276%
13	12.910	1835	1840	1843	rBV	4640924	4821245	100.00%	20.161%
14	13.816	1987	1994	2008	rBV2	305945	643856	13.35%	2.692%
15	13.957	2012	2018	2022	rBV	1400122	1358948	28.19%	5.683%
16	15.404	2259	2264	2268	rBV	1117812	1331085	27.61%	5.566%
17	15.857	2337	2341	2345	rVB	37742	50523	1.05%	0.211%
18	15.939	2349	2355	2364	rVV7	44229	140885	2.92%	0.589%

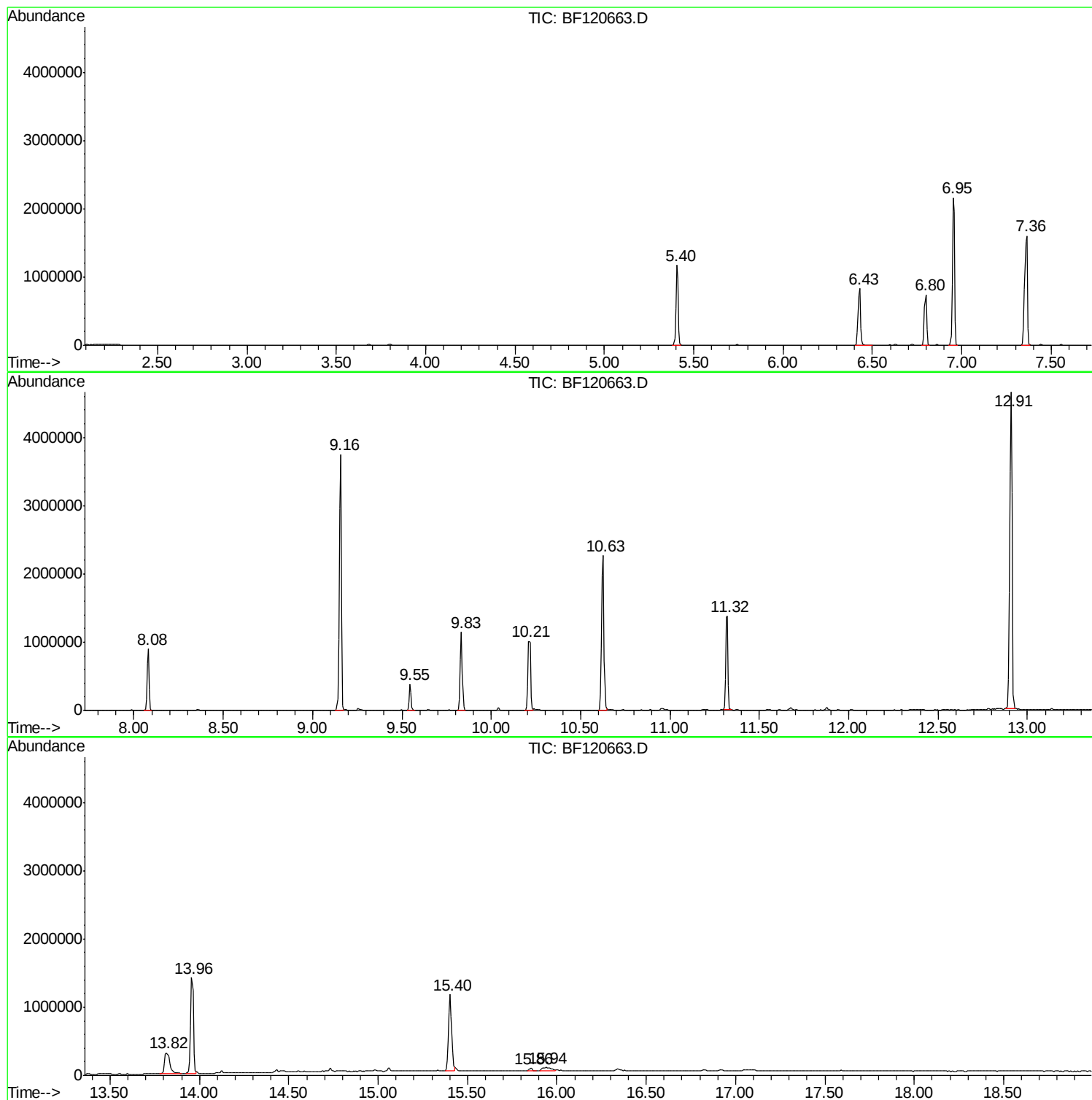
Sum of corrected areas: 23913250

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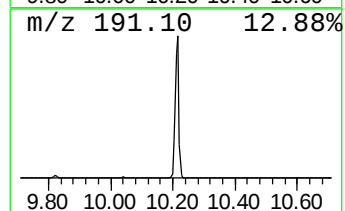
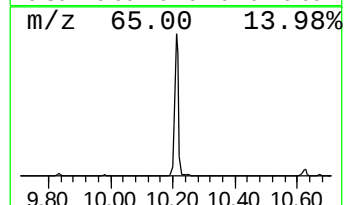
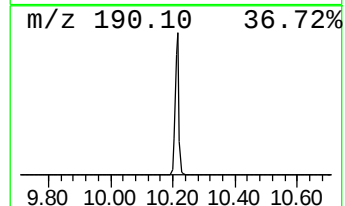
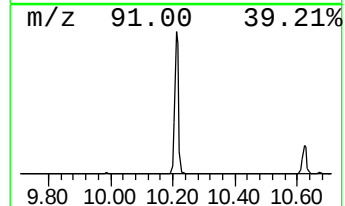
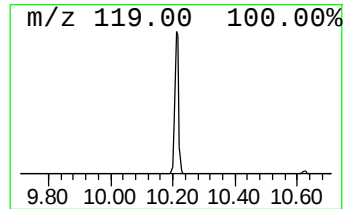
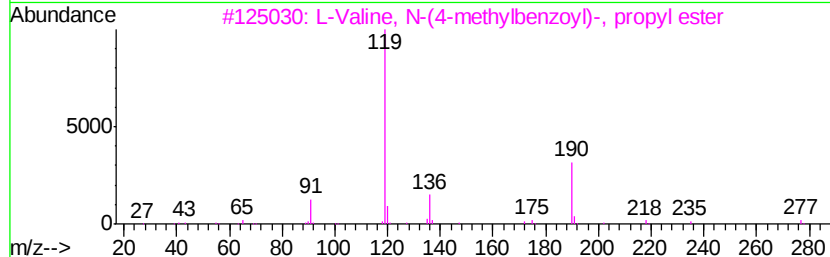
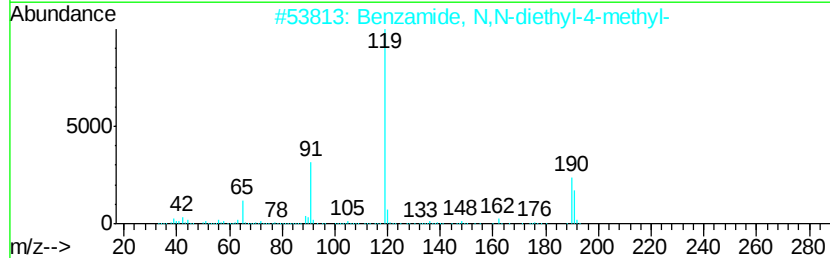
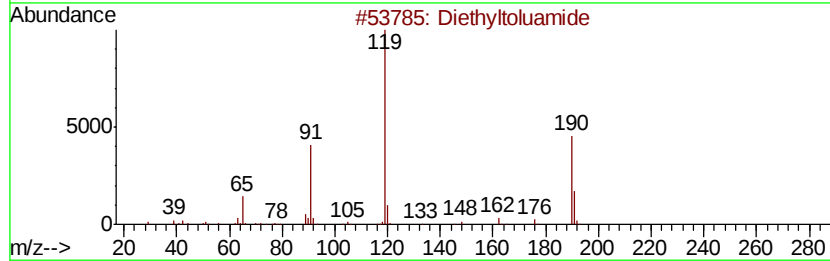
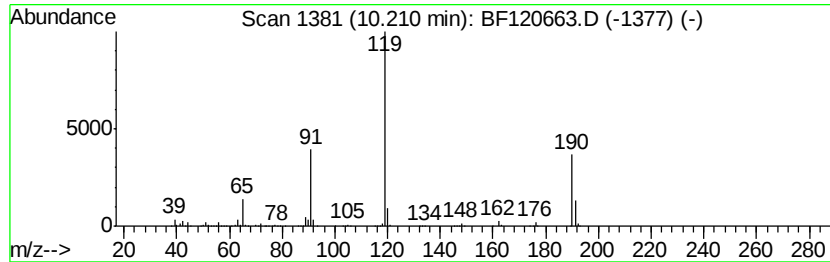
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	19.78 ng	921783	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Diethyltoluamide	191 C12H17NO	000134-62-3 92
2		Benzamide, N,N-diethyl-4-methyl-	191 C12H17NO	002728-05-4 87
3		L-Valine, N-(4-methylbenzoyl)-, ...	277 C16H23NO3	1000346-63-8 72
4		N-[1-(Dimethylamino)-2,2,2-trich...	308 C12H15Cl3N2O	300814-41-9 64
5		4-Methylbenzoic acid, pentafluor...	302 C14H7F5O2	1000354-15-1 59



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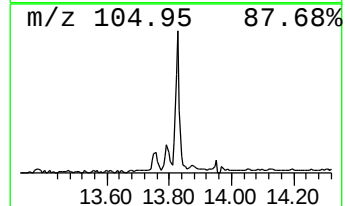
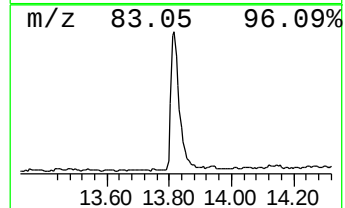
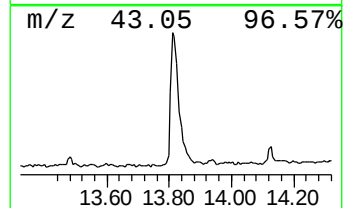
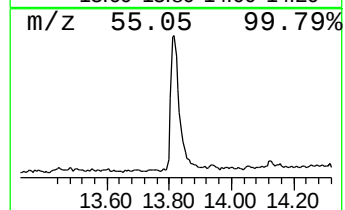
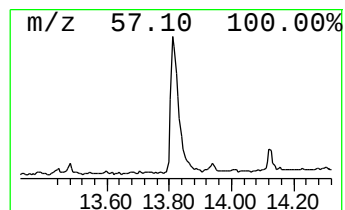
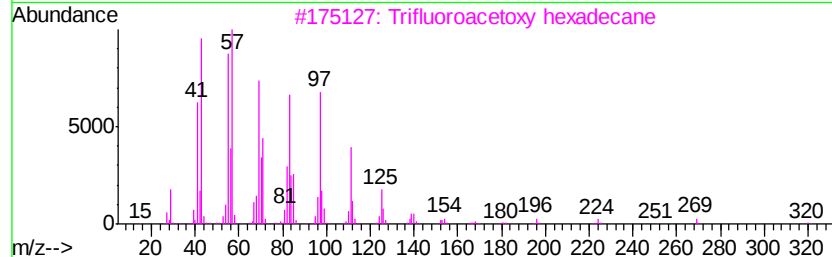
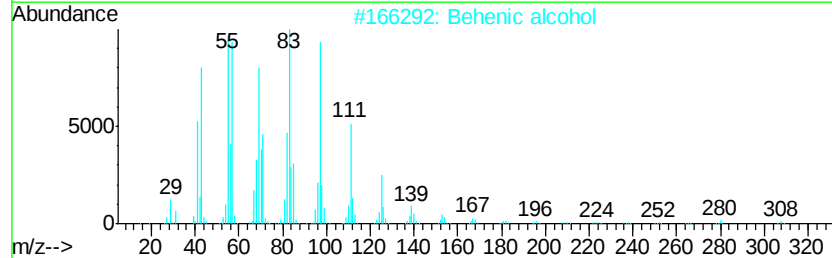
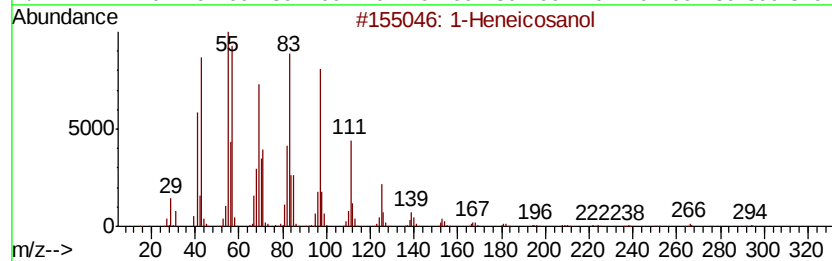
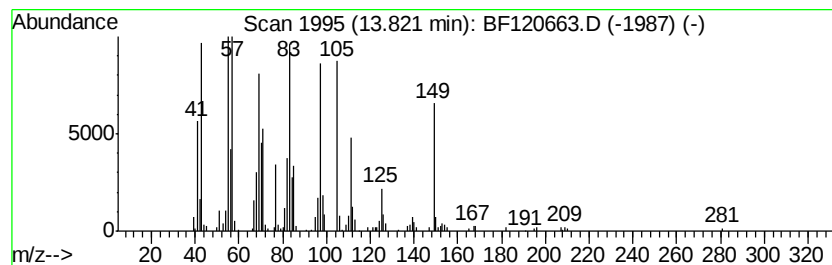
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Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.82	9.48 ng	643856	Chrysene-d12		13.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93



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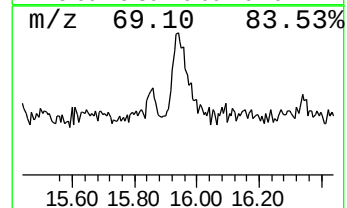
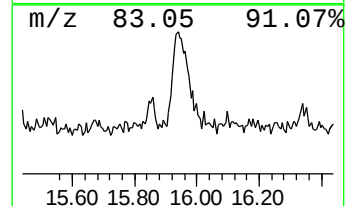
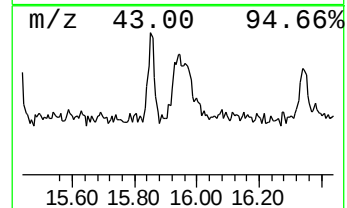
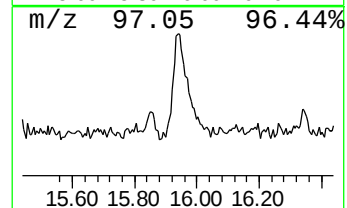
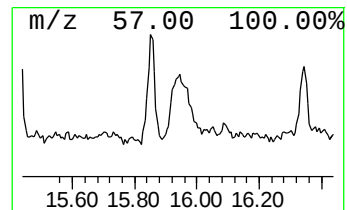
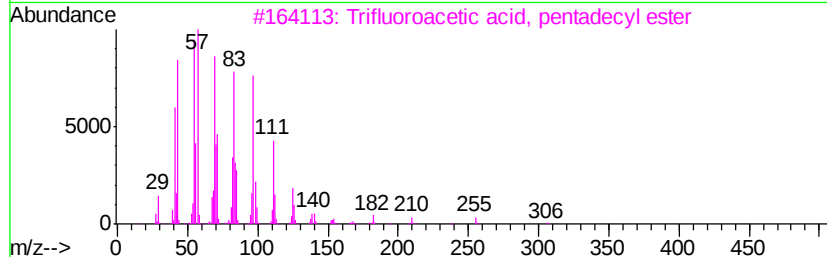
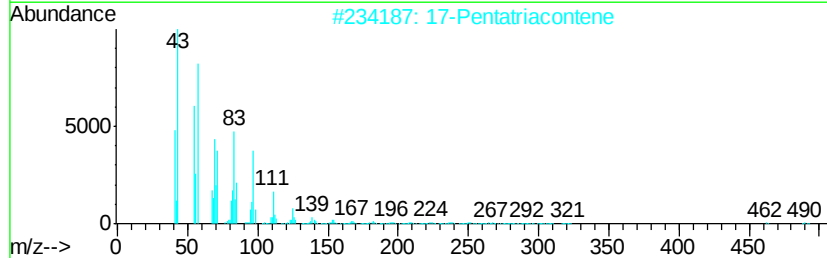
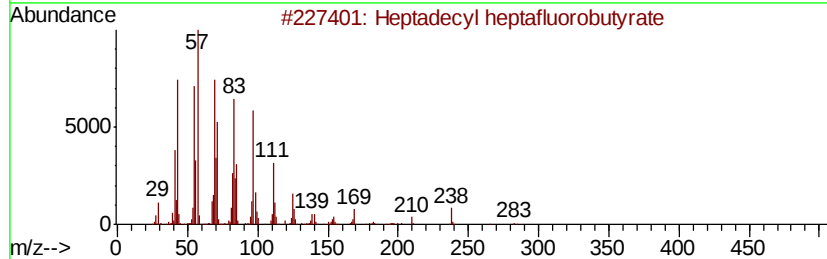
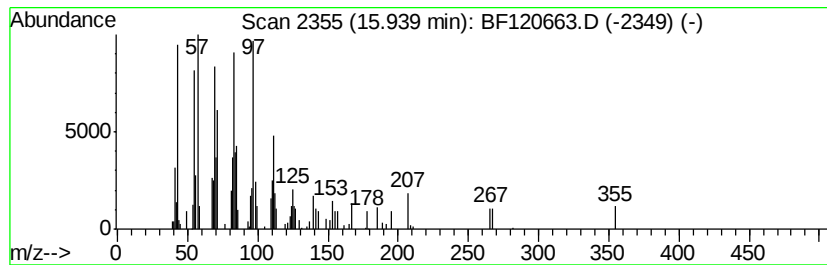
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Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.94	2.12 ng	140885	Perylene-d12		15.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl	heptafluorobutvrate	452	C21H35F7O2	959085-66-6	90
2	17-Pentatriacontene		491	C35H70	006971-40-0	87
3	Trifluoroacetic acid, pentadecyl...		324	C17H31F3O2	959010-23-2	87
4	Trifluoroacetoxv hexadecane		338	C18H33F3O2	006222-03-3	83
5	1-Heptacosanol		396	C27H56O	002004-39-9	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	10.21	19.8	ng	921783	3	9.83	932189	20.0
1-Heneicosanol	13.82	9.5	ng	643856	5	13.96	1358950	20.0
Heptadecyl heptaf...	15.94	2.1	ng	140885	6	15.40	1331090	20.0