

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044793.D
 Acq On : 27 Mar 2024 23:34
 Operator : MA/JU
 Sample : P1869-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1

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_M\Methods\8270-BM031324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM044793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.852	295	300	315	rBV	221170	319052	9.17%	1.193%
2	5.293	368	375	384	rBV	2023637	2891037	83.11%	10.812%
3	6.863	634	642	656	rBV	1913512	3069790	88.25%	11.481%
4	7.681	774	781	788	rBV	754388	1186610	34.11%	4.438%
5	8.839	971	978	993	rBV	1168539	2020334	58.08%	7.556%
6	10.457	1245	1253	1268	rBV	870364	1534727	44.12%	5.740%
7	12.939	1668	1675	1690	rBV	2225701	3478683	100.00%	13.010%
8	14.327	1904	1911	1920	rBV	1086549	1651235	47.47%	6.176%
9	14.557	1942	1950	1960	rVB3	27893	72177	2.07%	0.270%
10	15.568	2116	2122	2129	rBV	62750	89633	2.58%	0.335%
11	15.827	2158	2166	2187	rBV	1322368	2074034	59.62%	7.757%
12	17.086	2373	2380	2385	rBV	1094342	1603048	46.08%	5.995%
13	17.992	2529	2534	2546	rBV2	113098	185378	5.33%	0.693%
14	19.151	2727	2731	2737	rBV2	51114	84773	2.44%	0.317%
15	19.280	2750	2753	2760	rBV4	44942	66246	1.90%	0.248%
16	19.515	2789	2793	2797	rBV	47852	63938	1.84%	0.239%
17	19.727	2823	2829	2842	rBV	2498573	3066483	88.15%	11.468%
18	21.009	3044	3047	3055	rVB	184663	236602	6.80%	0.885%
19	21.280	3088	3093	3099	rBV	1037174	1491272	42.87%	5.577%
20	23.527	3469	3475	3483	rVB	817694	1553412	44.66%	5.810%

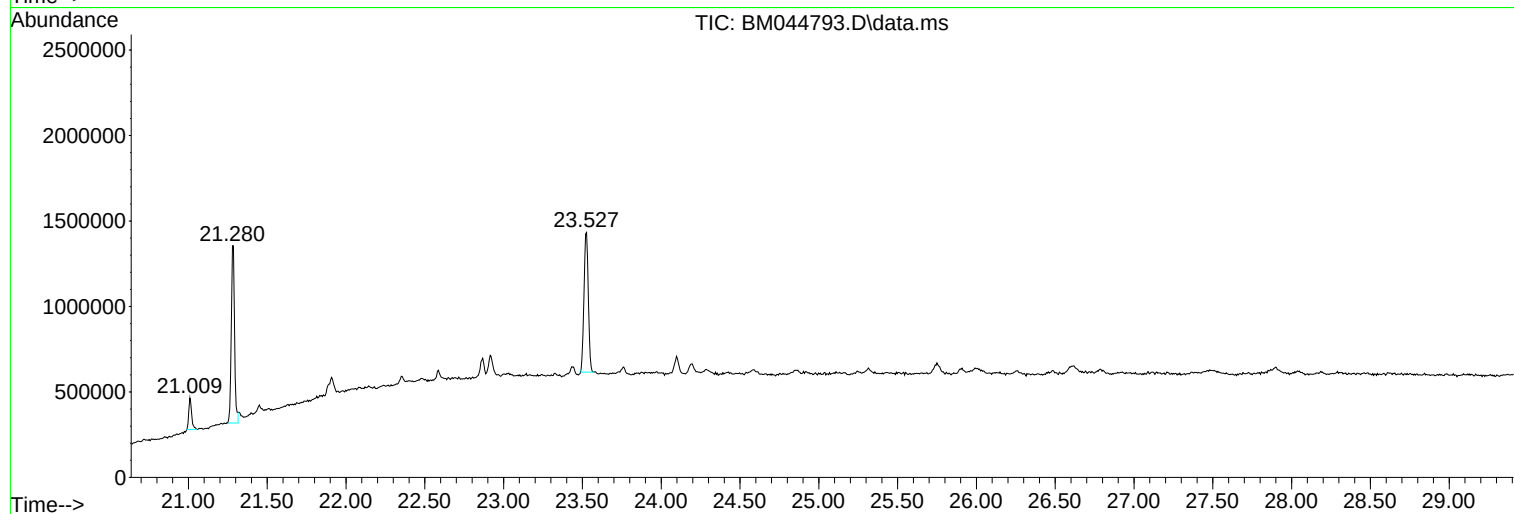
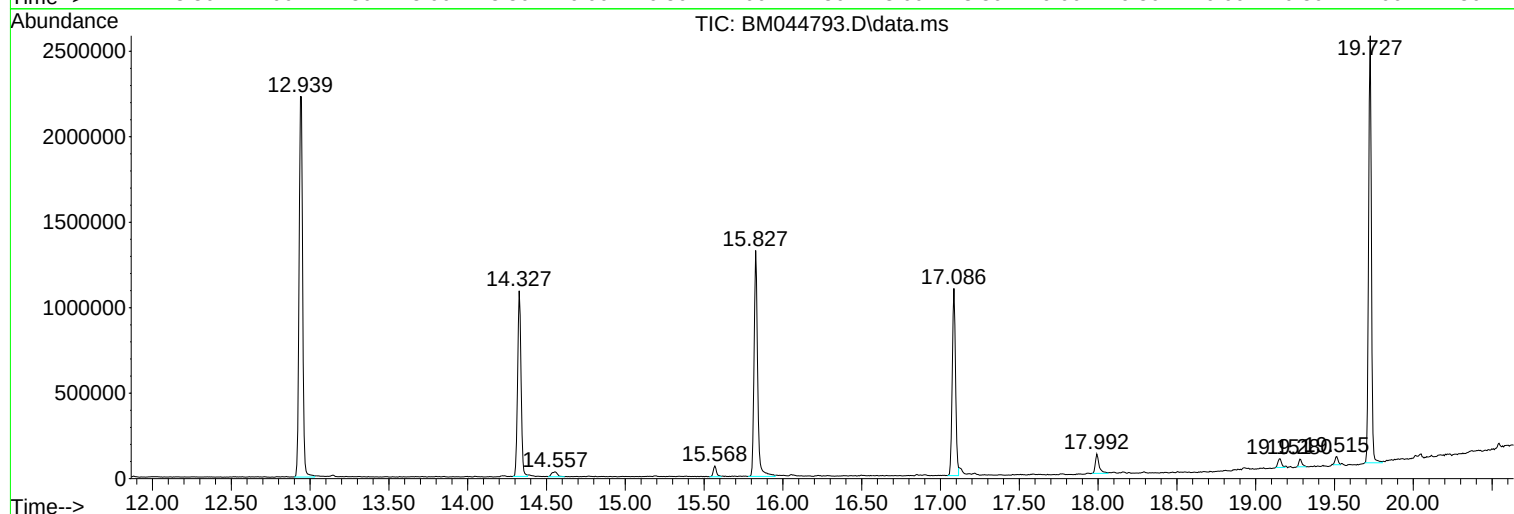
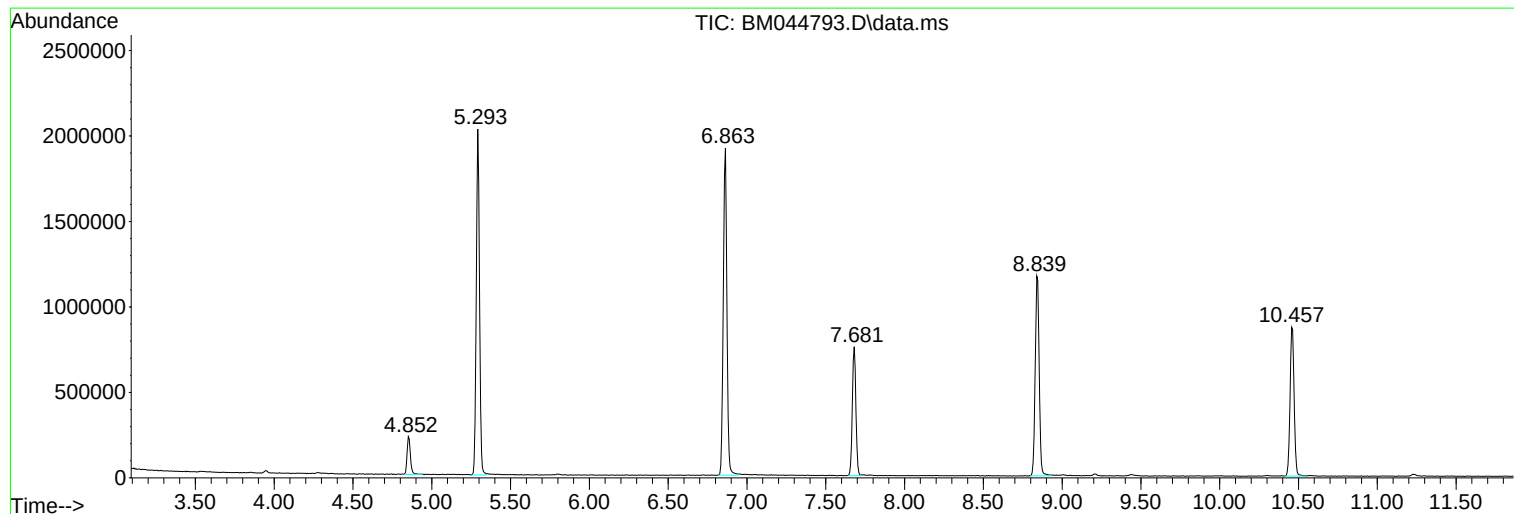
Sum of corrected areas: 26738464

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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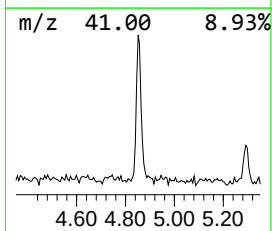
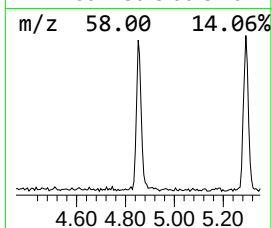
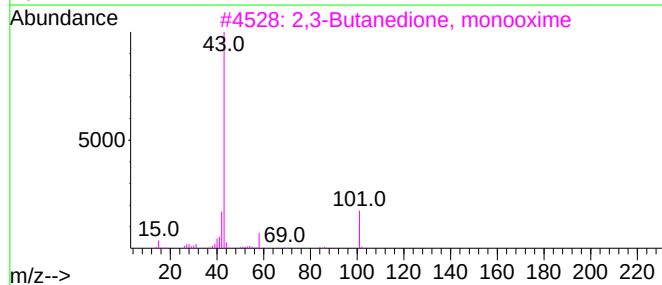
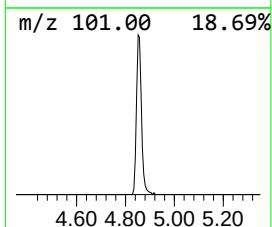
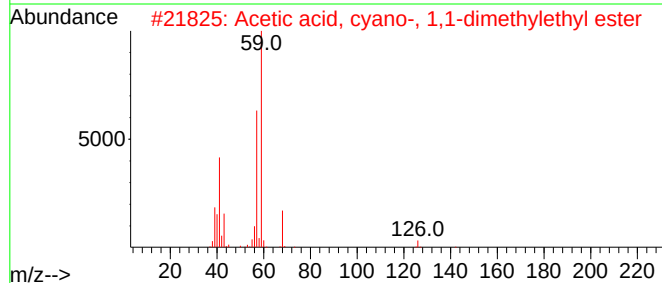
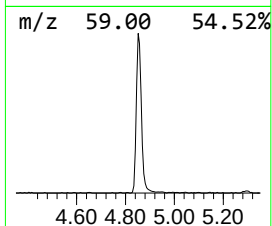
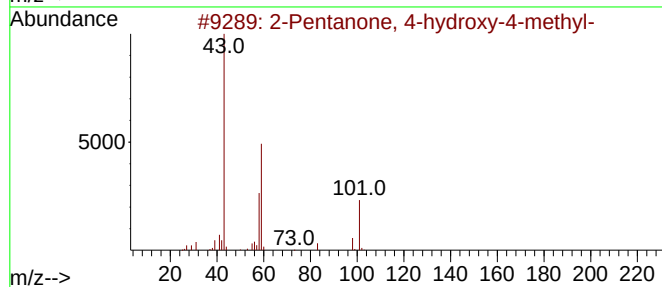
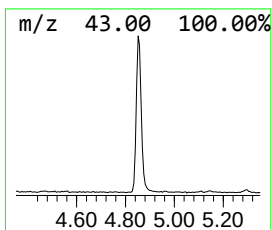
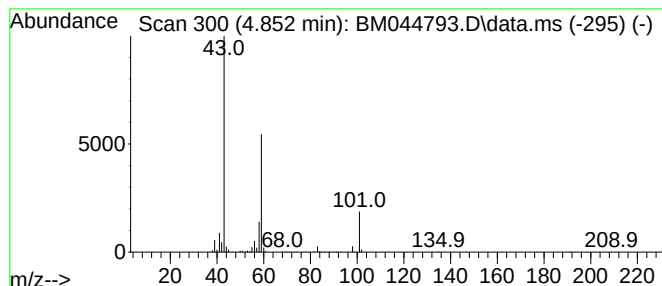
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.852	5.38 ng	319052	1,4-Dichlorobenzene-d4	7.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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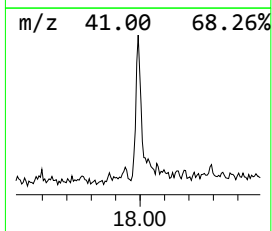
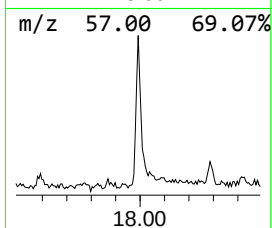
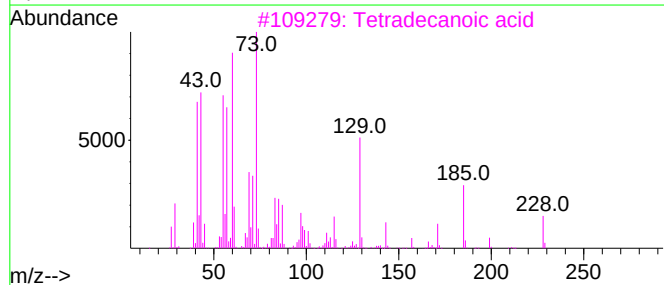
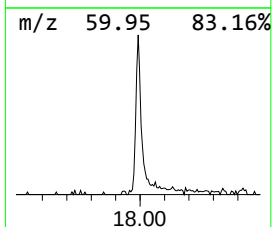
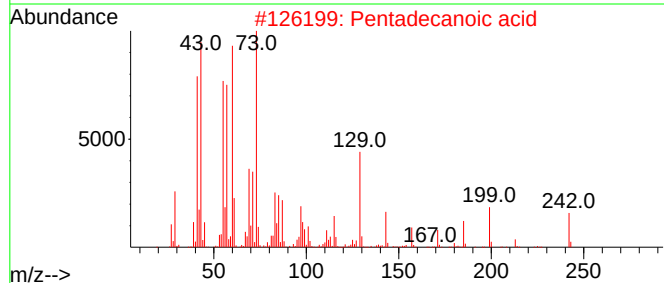
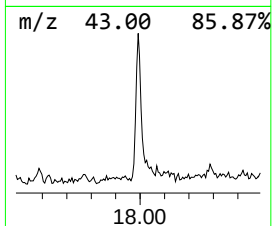
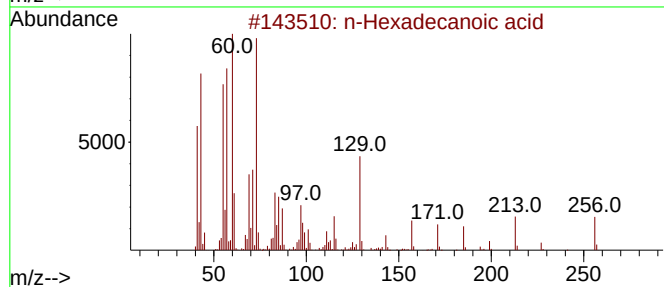
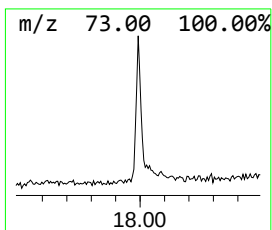
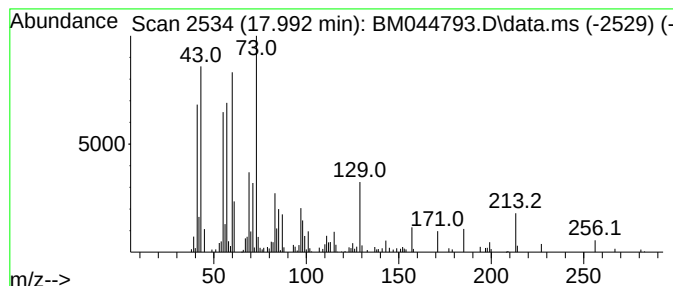
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	2.31 ng	185378	Phenanthrene-d10	17.086

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



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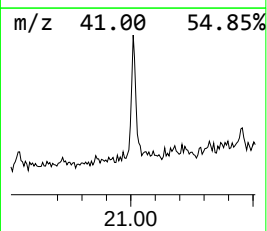
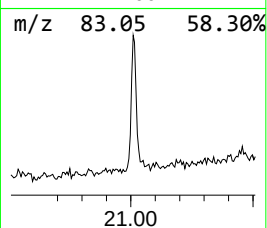
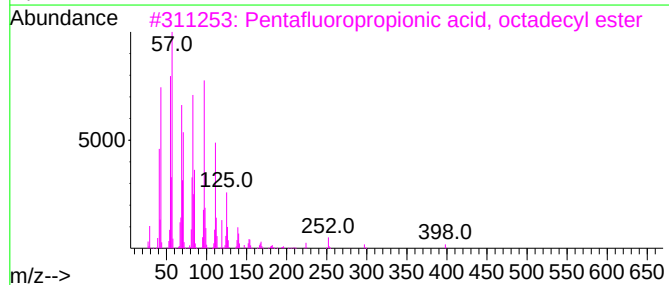
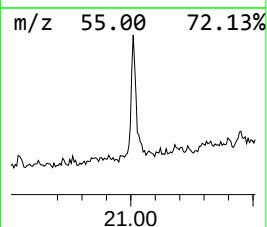
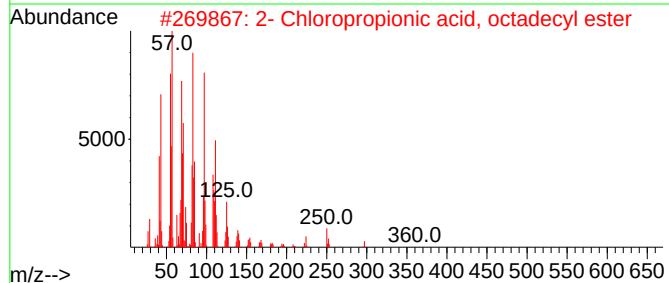
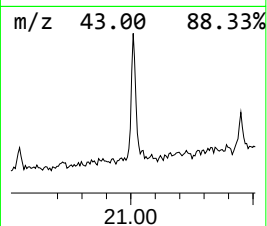
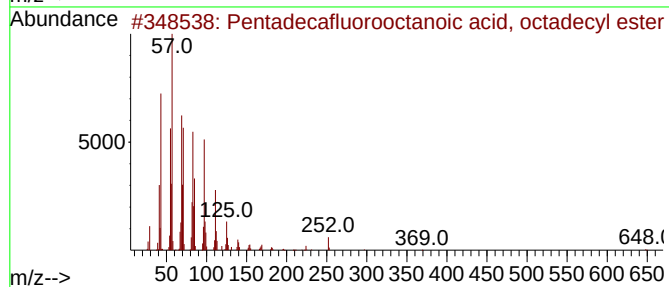
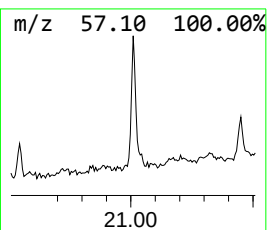
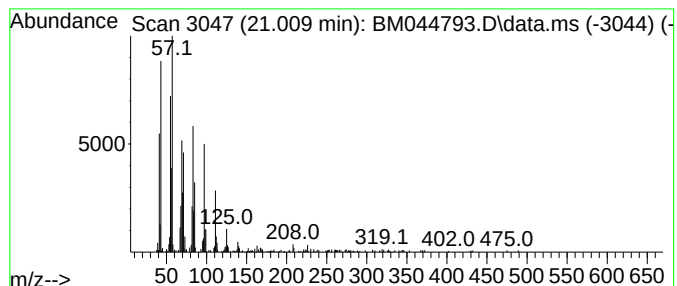
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Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.009	3.17 ng	236602	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4			17-Pentatriacontene	491	C35H70	006971-40-0	90
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.852	5.4	ng	319052	1	7.681	1186610	20.0
n-Hexadecanoic ...	17.992	2.3	ng	185378	4	17.086	1603050	20.0
Pentadecafluoro...	21.009	3.2	ng	236602	5	21.286	1491270	20.0