LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142896.D
Acq On : 27 Jun 2025 16:43
Operator : RC/JU
Sample : Q2429-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142896.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	487	492	502	rVB	67628	98669	9.09%	1.291%
2	5.492	556	561	580	rVB	725769	975214	89.85%	12.760%
3	6.504	727	733	750	rBV	728636	928817	85.57%	12.153%
4	6.875	791	796	804	rBV	253777	307296	28.31%	4.021%
5	7.439	886	892	903	rBV	458442	584467	53.85%	7.647%
6	8.163	1009	1015	1032	rBV	282494	365529	33.68%	4.783%
7	9.233	1192	1197	1202	rBV	881027	1085386	100.00%	14.201%
8	9.916	1308	1313	1322	rVB	295436	361579	33.31%	4.731%
9	10.627	1429	1434	1440	rBV	64329	80414	7.41%	1.052%
10	10.704	1442	1447	1460	rBV	432983	574251	52.91%	7.514%
11	11.404	1561	1566	1573	rBV	260595	338927	31.23%	4.435%
12	11.927	1650	1655	1669	rBV2	37980	65643	6.05%	0.859%
13	12.716	1785	1789	1802	rVB3	7603	14258	1.31%	0.187%
14	12.992	1831	1836	1841	rBV	831477	1026997	94.62%	13.437%
15	13.886	1983	1988	1998	rBV	41318	72195	6.65%	0.945%
16	14.051	2008	2016	2024	rBV	292242	398217	36.69%	5.210%
17	14.210	2039	2043	2047	rBV	13292	19420	1.79%	0.254%
18	14.515	2091	2095	2101	rBV2	19686	33547	3.09%	0.439%
19	14.827	2144	2148	2153	rVB2	11527	16251	1.50%	0.213%
20	15.174	2203	2207	2212	rBV	10169	14984	1.38%	0.196%
21	15.545	2264	2270	2282	rBV	175009	280738	25.87%	3.673%

Sum of corrected areas: 7642799

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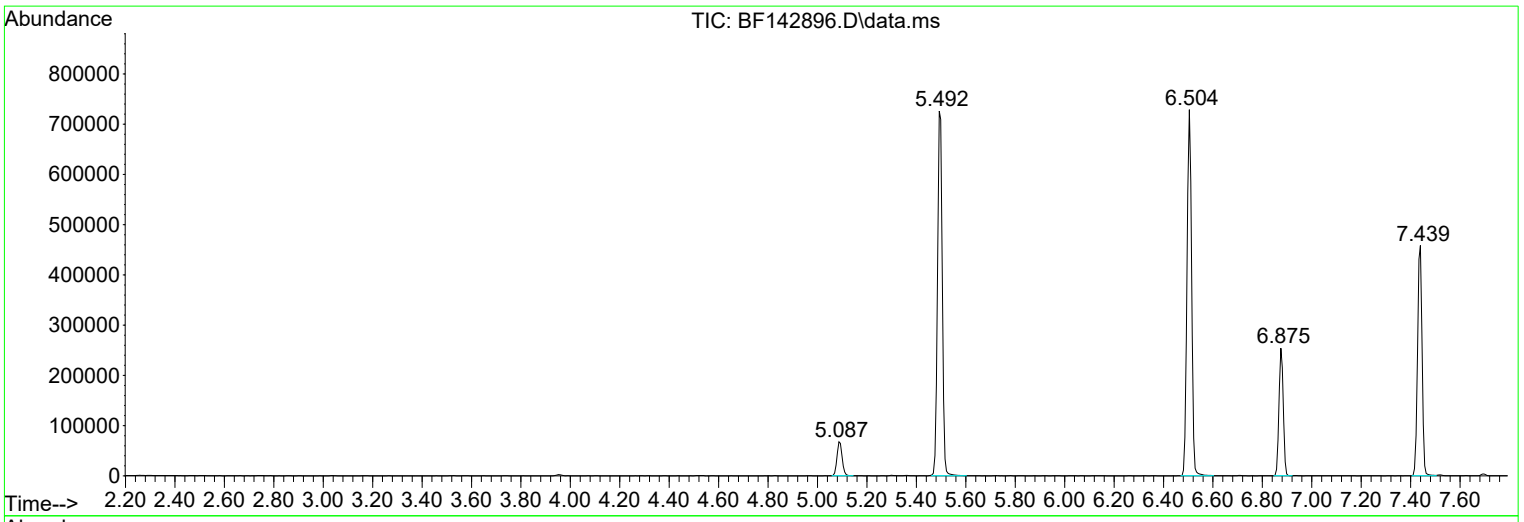
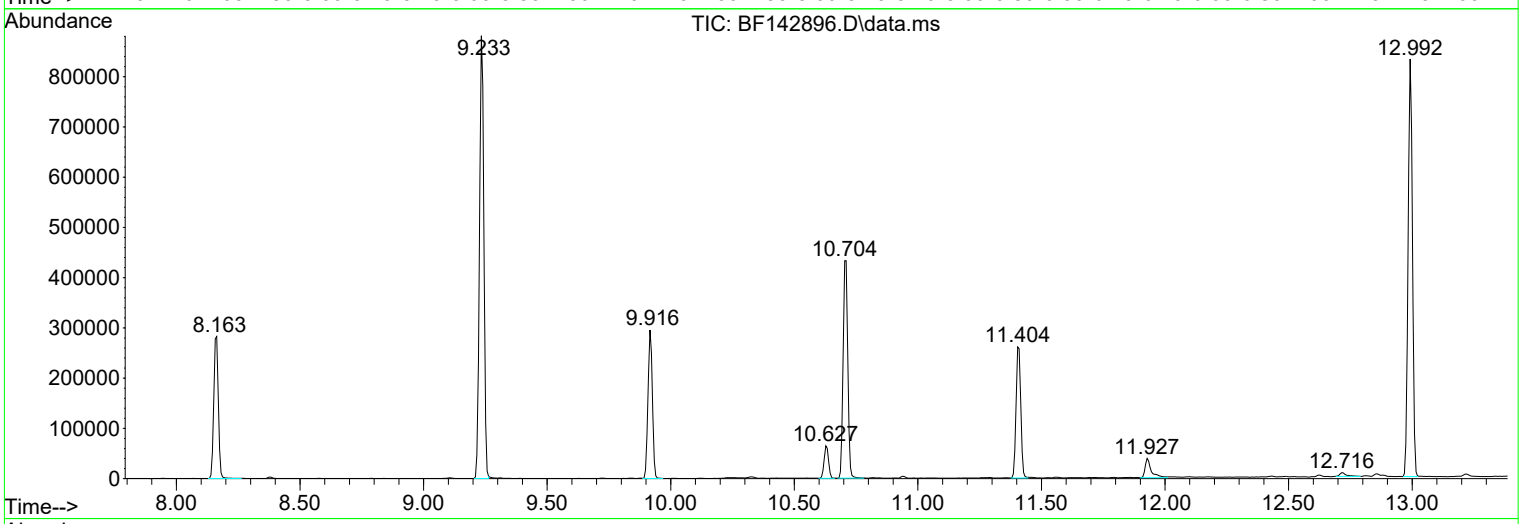
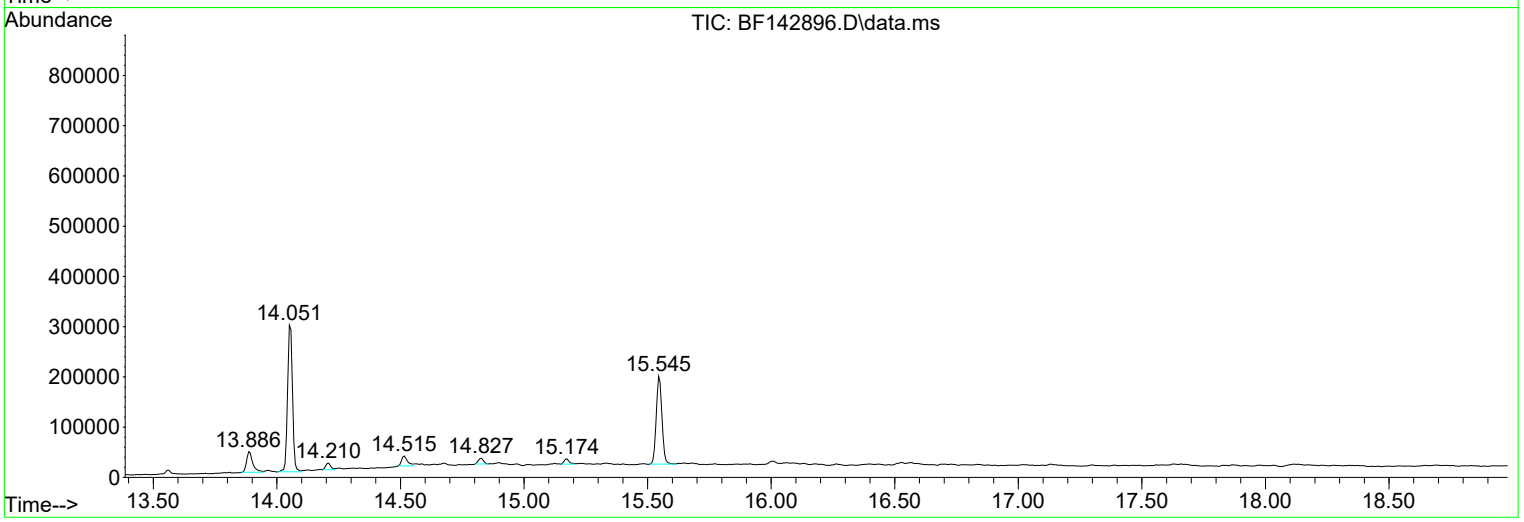
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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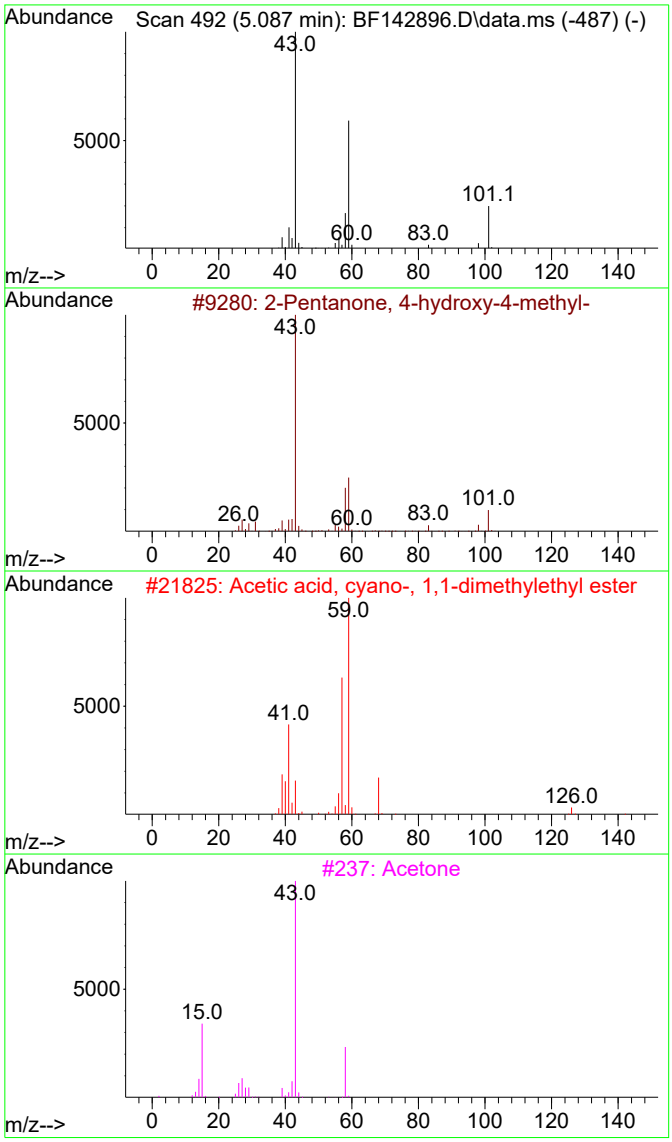
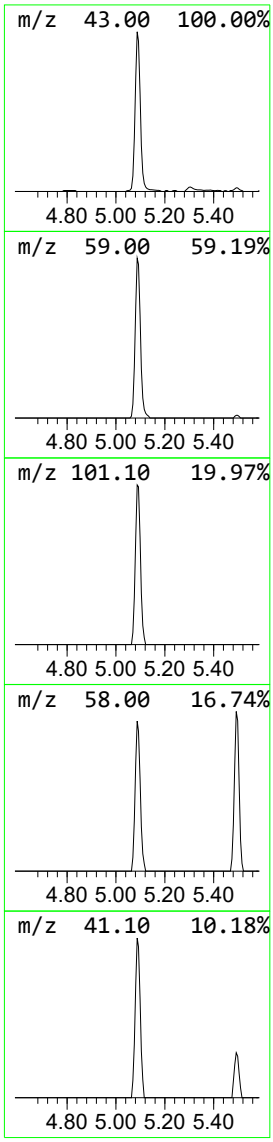
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	6.42 ng	98669	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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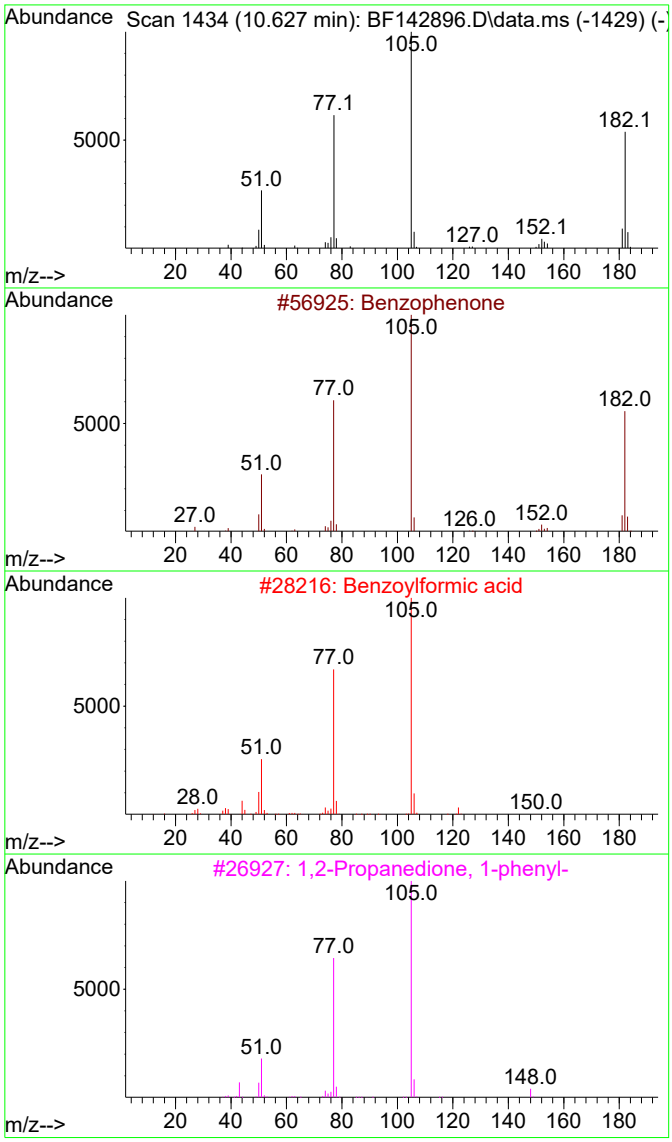
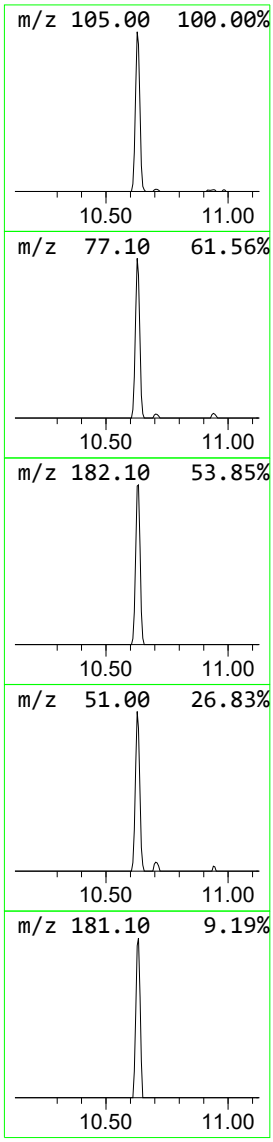
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	4.45 ng	80414	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	47
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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Misc :
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Instrument :
BNA_F
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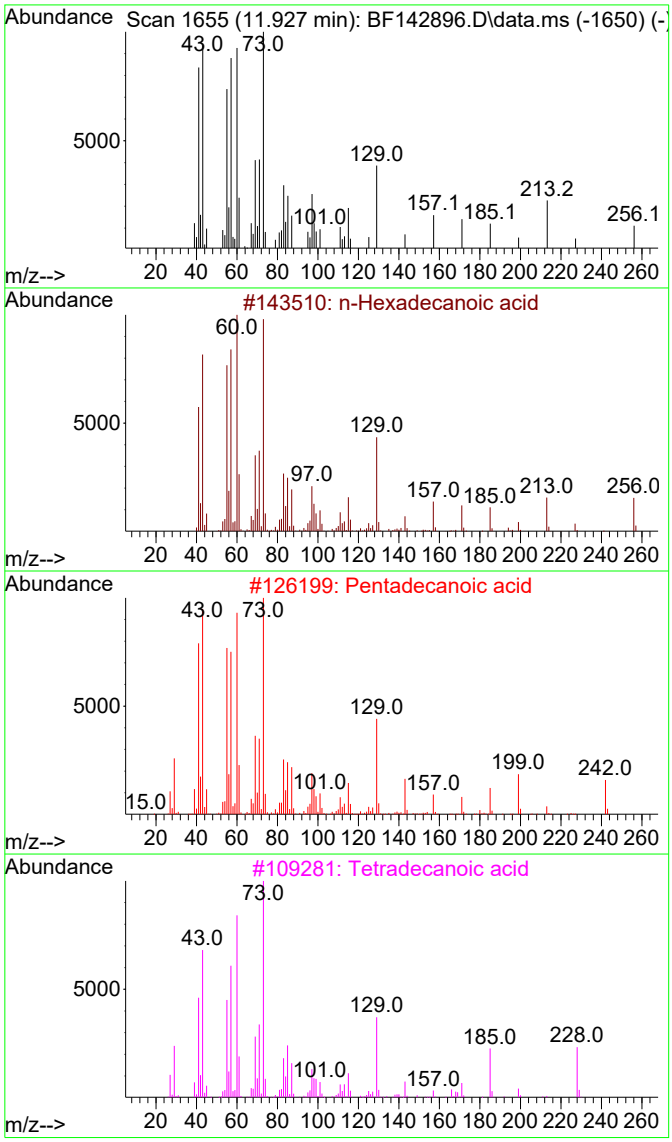
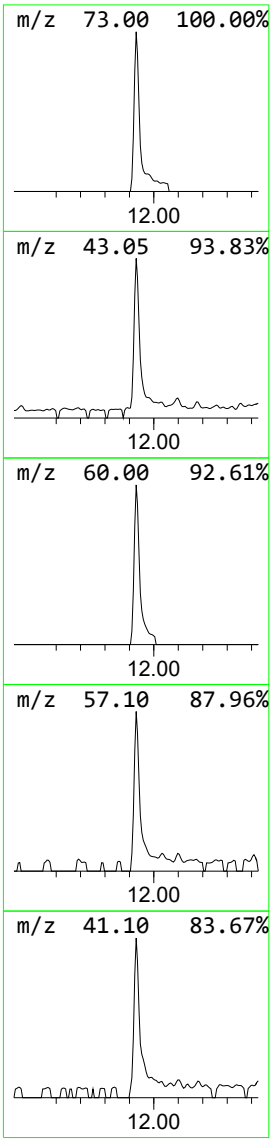
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.87 ng	65643	Phenanthrene-d10	11.404

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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	15





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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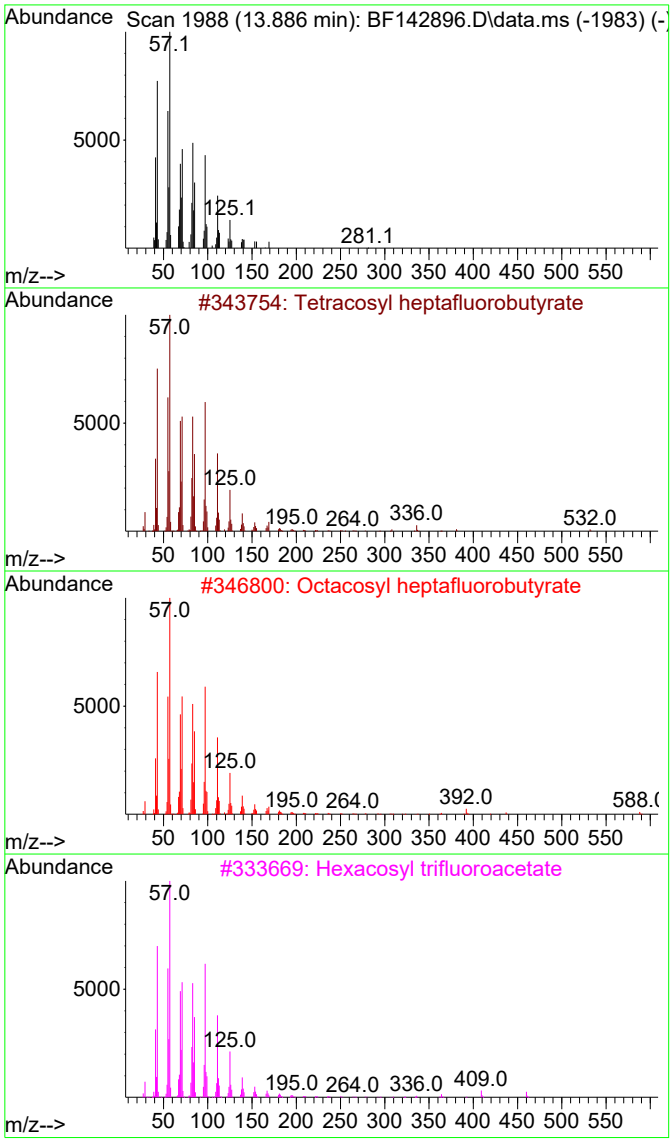
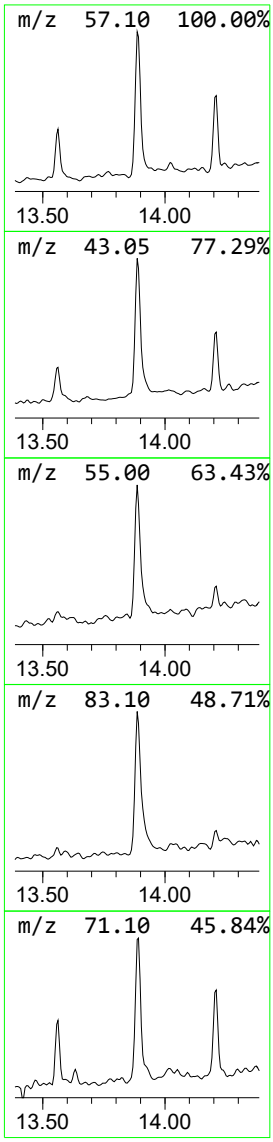
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Tetracosyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.63 ng	72195	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	91
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.087	6.4	ng	98669	1	6.875	307296	20.0
Benzophenone	10.627	4.5	ng	80414	3	9.916	361579	20.0
n-Hexadecanoic ...	11.927	3.9	ng	65643	4	11.404	338927	20.0
Tetracosyl hept...	13.886	3.6	ng	72195	5	14.051	398217	20.0