LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142938.D
Acq On : 01 Jul 2025 02:44
Operator : RC/JU
Sample : Q2452-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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: BF142938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	485	491	500	rBV	50148	71025	8.30%	1.133%
2	5.487	555	560	573	rBV	527263	708682	82.79%	11.300%
3	6.498	727	732	754	rBV	541956	696881	81.41%	11.112%
4	6.875	791	796	805	rVB	250810	320663	37.46%	5.113%
5	7.434	886	891	903	rBV	348070	430416	50.28%	6.863%
6	8.157	1009	1014	1022	rBV	321260	388369	45.37%	6.193%
7	9.233	1191	1197	1202	rBV	676301	856013	100.00%	13.650%
8	9.910	1307	1312	1318	rBV	313737	397452	46.43%	6.338%
9	10.627	1429	1434	1440	rBV	50350	64967	7.59%	1.036%
10	10.704	1442	1447	1458	rVB	305911	394955	46.14%	6.298%
11	11.404	1561	1566	1572	rBV	259972	329861	38.53%	5.260%
12	11.921	1649	1654	1670	rBV2	53505	92187	10.77%	1.470%
13	12.710	1784	1788	1794	rBV2	11162	18193	2.13%	0.290%
14	12.986	1830	1835	1840	rBV	512611	633441	74.00%	10.101%
15	13.880	1982	1987	1994	rBV	35971	60268	7.04%	0.961%
16	14.045	2010	2015	2023	rVB	253014	330828	38.65%	5.275%
17	14.139	2026	2031	2038	rVV	58220	81452	9.52%	1.299%
18	14.198	2038	2041	2047	rVB3	5567	8712	1.02%	0.139%
19	14.510	2090	2094	2102	rBV5	6651	13506	1.58%	0.215%
20	15.162	2202	2205	2213	rVB6	7177	11826	1.38%	0.189%
21	15.539	2263	2269	2281	rVB	229858	361659	42.25%	5.767%

Sum of corrected areas: 6271356

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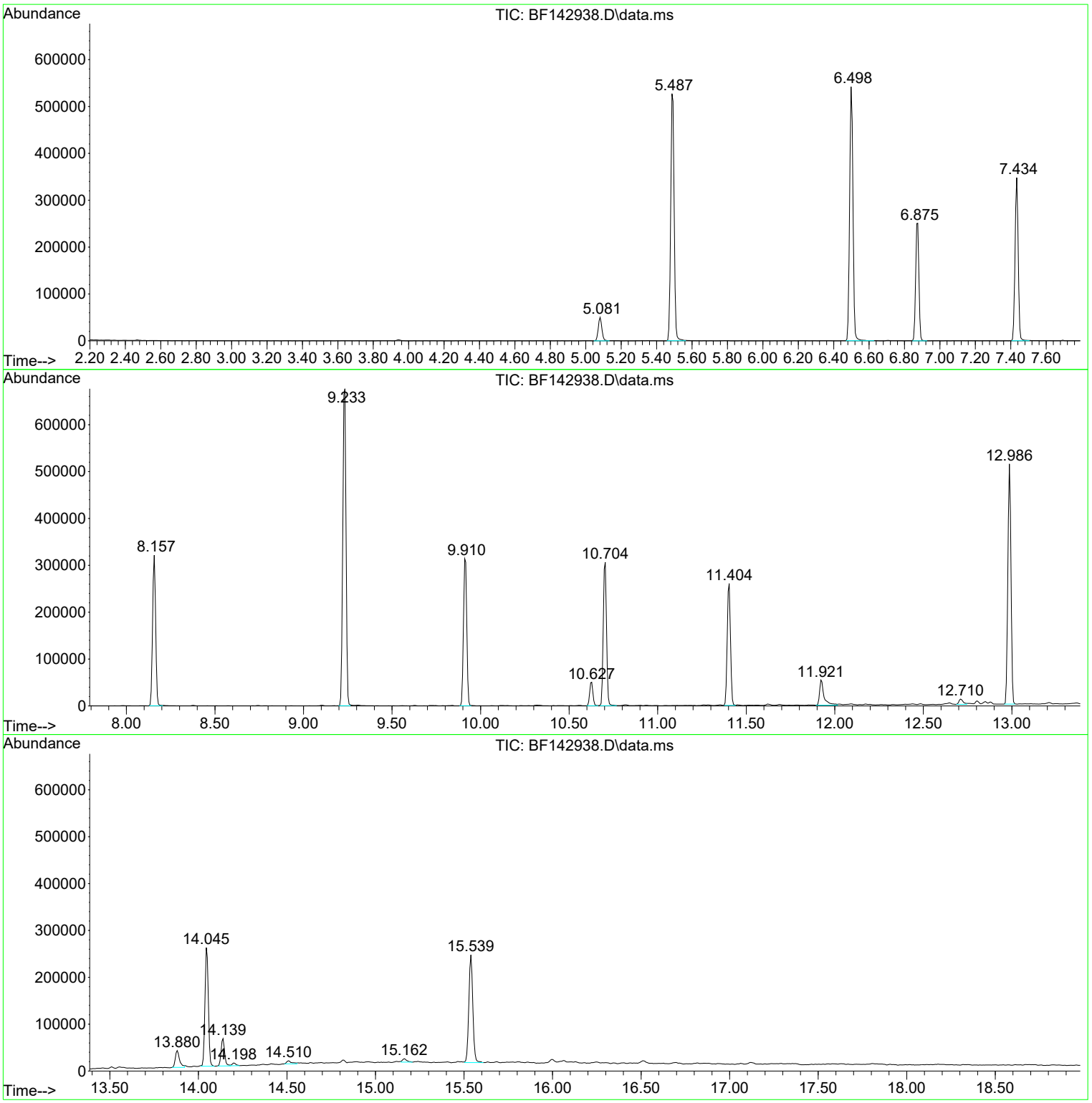
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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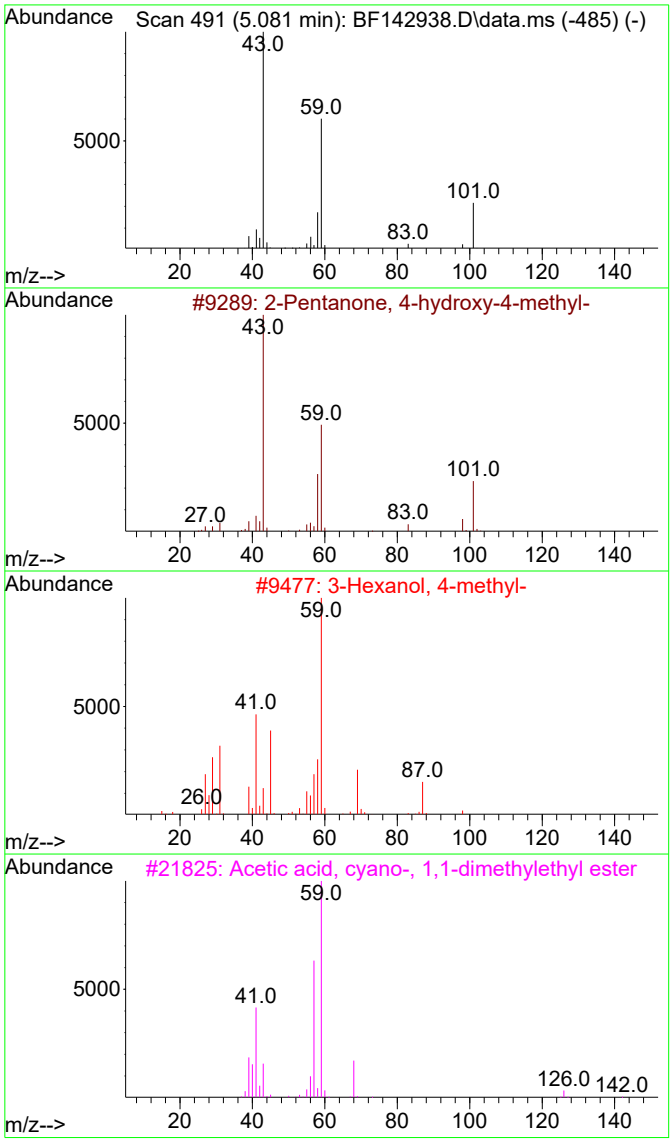
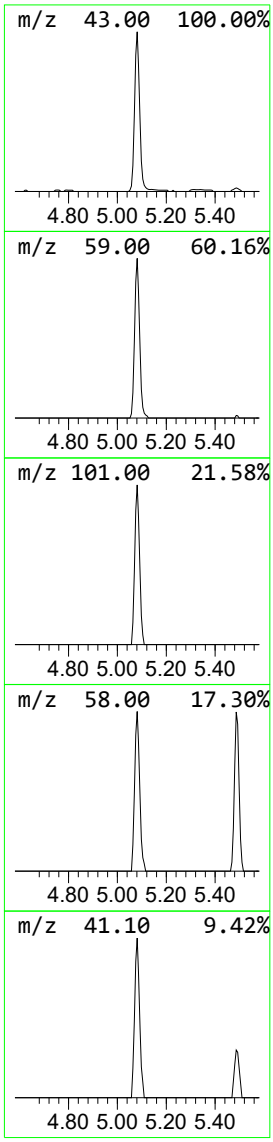
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	4.43 ng	71025	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	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetone	58	C3H6O	000067-64-1	12





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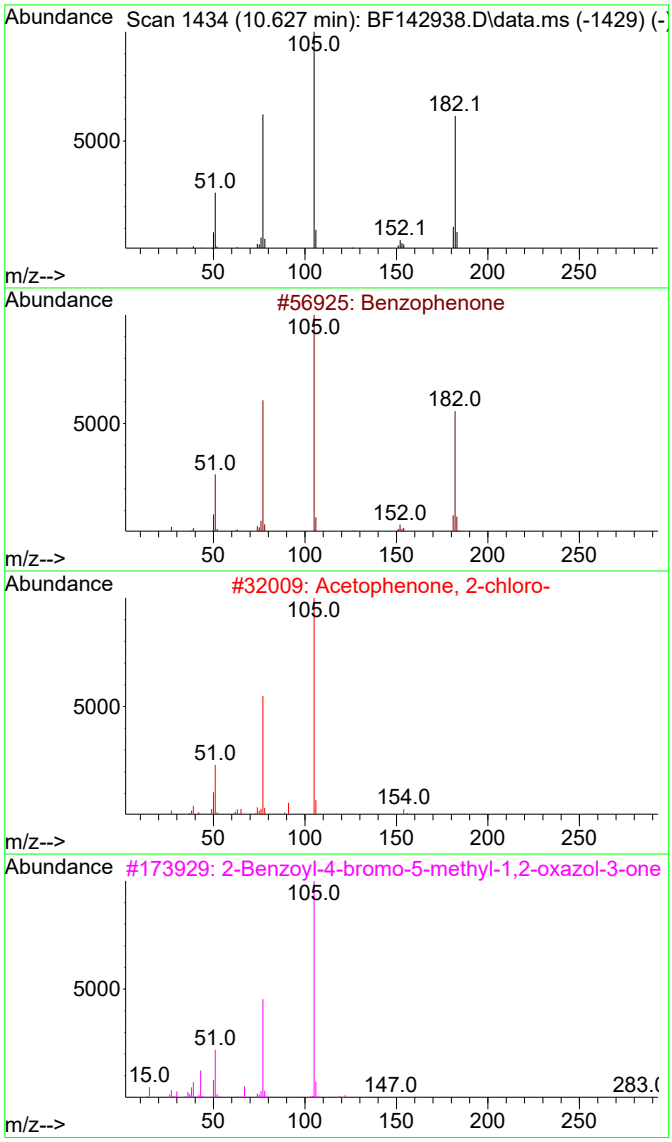
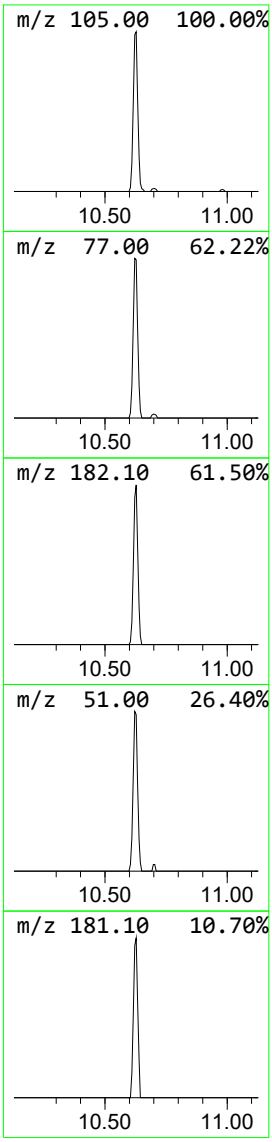
Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	3.27 ng	64967	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	47





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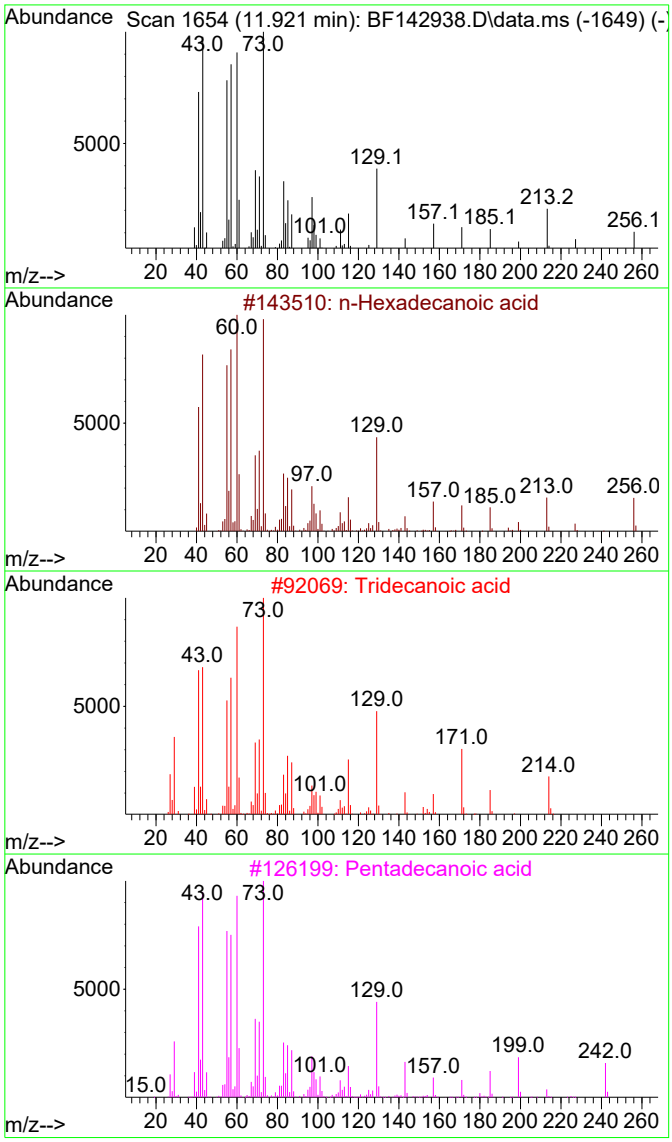
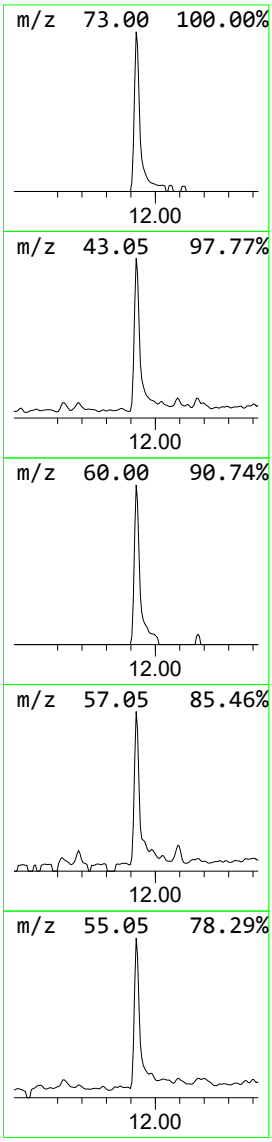
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	5.59 ng	92187	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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BNA_F
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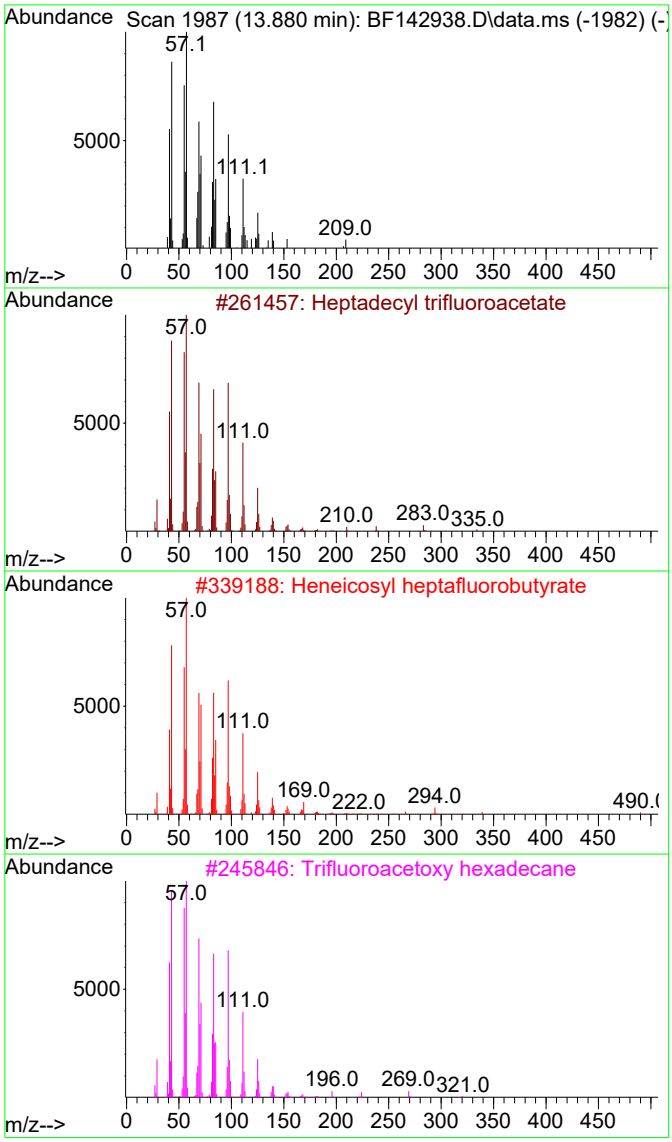
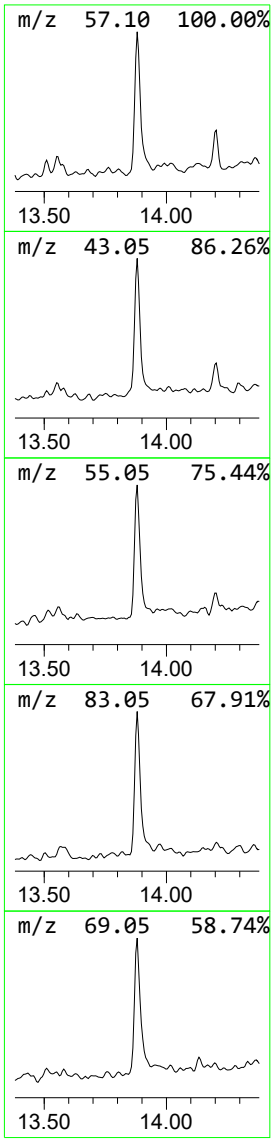
Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.64 ng	60268	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	Hexacosyl propyl ether	424	C29H60O	1000406-28-4	91





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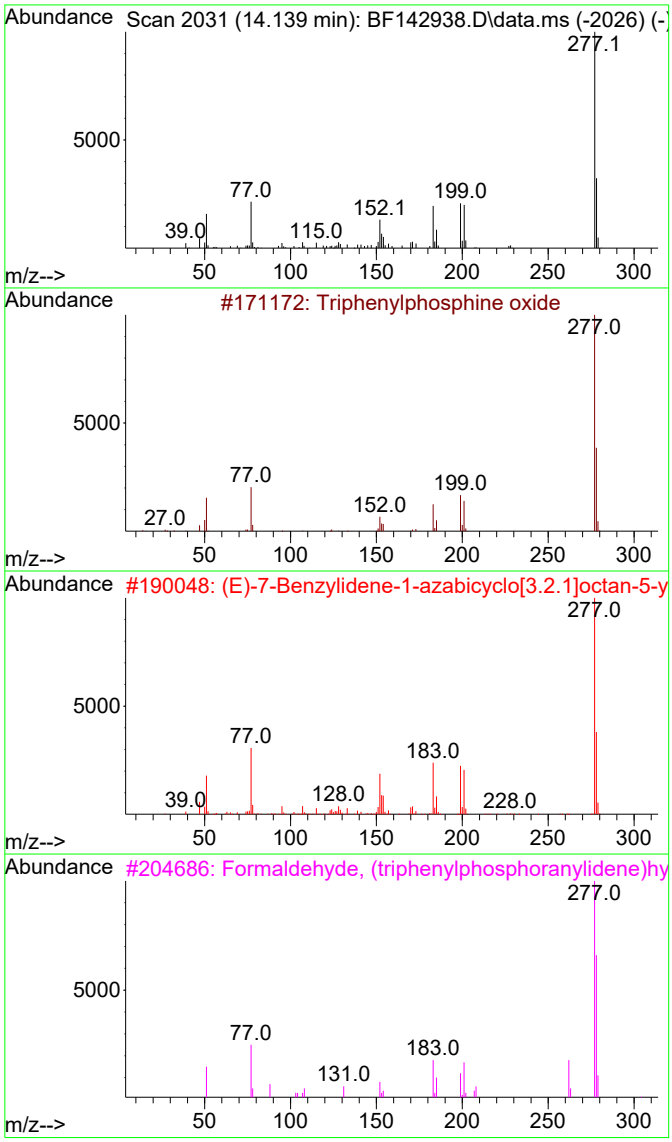
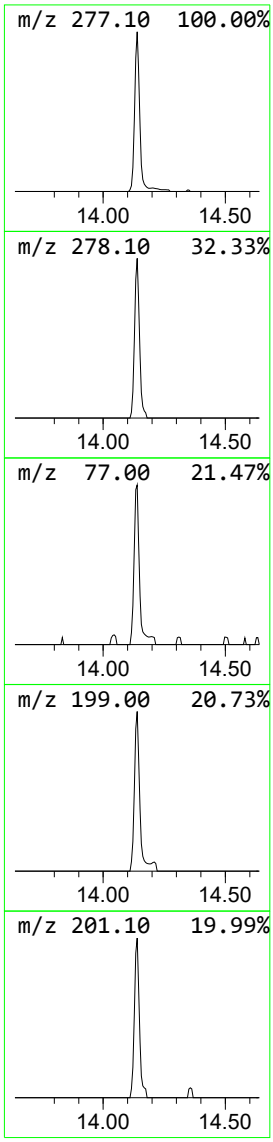
Peak Number 5 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	4.92 ng	81452	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	35
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	25





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.081	4.4	ng	71025	1	6.875	320663	20.0
Benzophenone	10.627	3.3	ng	64967	3	9.910	397452	20.0
n-Hexadecanoic ...	11.921	5.6	ng	92187	4	11.404	329861	20.0
Heptadecyl trif...	13.880	3.6	ng	60268	5	14.045	330828	20.0
Triphenylphosph...	14.139	4.9	ng	81452	5	14.045	330828	20.0