LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132938.D
Acq On : 20 Apr 2023 14:45
Operator : CG\JU
Sample : 02270-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-17-0-2-20230410

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-BF041723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	11	rVB	157219	166970	1.81%	0.274%
2	4.969	485	490	501	rVB	497886	708275	7.66%	1.164%
3	5.369	553	558	561	rBV	8114957	8811325	95.30%	14.477%
4	6.392	726	732	735	rBV	7764978	9246018	100.00%	15.192%
5	6.757	791	794	798	rVB	2289315	1745807	18.88%	2.868%
6	7.322	885	890	893	rBV	5504335	5740397	62.09%	9.432%
7	8.045	1009	1013	1016	rBV	2660597	2286957	24.73%	3.758%
8	9.122	1192	1196	1199	rVB	10066834	9018830	97.54%	14.818%
9	9.798	1307	1311	1314	rVB	2842901	2360626	25.53%	3.879%
10	10.510	1428	1432	1435	rVB	357985	269249	2.91%	0.442%
11	10.586	1440	1445	1448	rBV	5953789	5357197	57.94%	8.802%
12	11.280	1559	1563	1566	rBV	2391908	2143050	23.18%	3.521%
13	11.816	1648	1654	1663	rBV	952401	951328	10.29%	1.563%
14	12.598	1784	1787	1794	rBV	299637	324395	3.51%	0.533%
15	12.869	1828	1833	1836	rBV	8398193	7600341	82.20%	12.488%
16	13.774	1983	1987	1998	rBV	410728	771802	8.35%	1.268%
17	13.910	2007	2010	2014	rBV	1685339	1567094	16.95%	2.575%
18	14.010	2024	2027	2032	rVB	410806	397958	4.30%	0.654%
19	15.345	2249	2254	2259	rBV	1207640	1394743	15.08%	2.292%

Sum of corrected areas: 60862362

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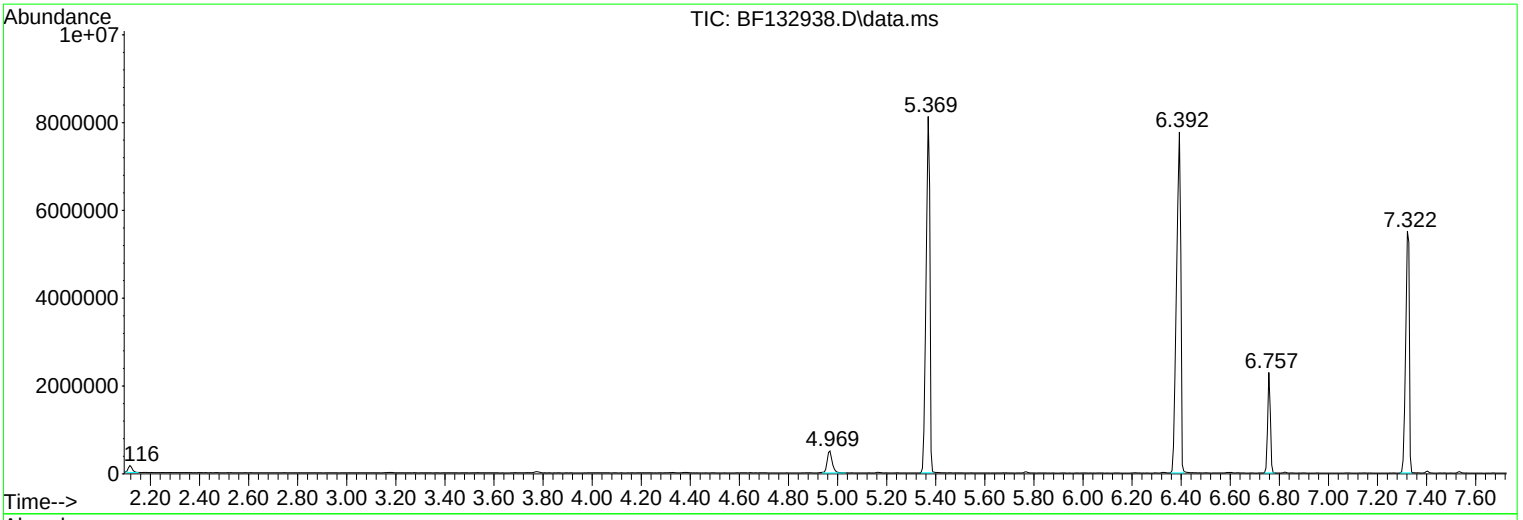
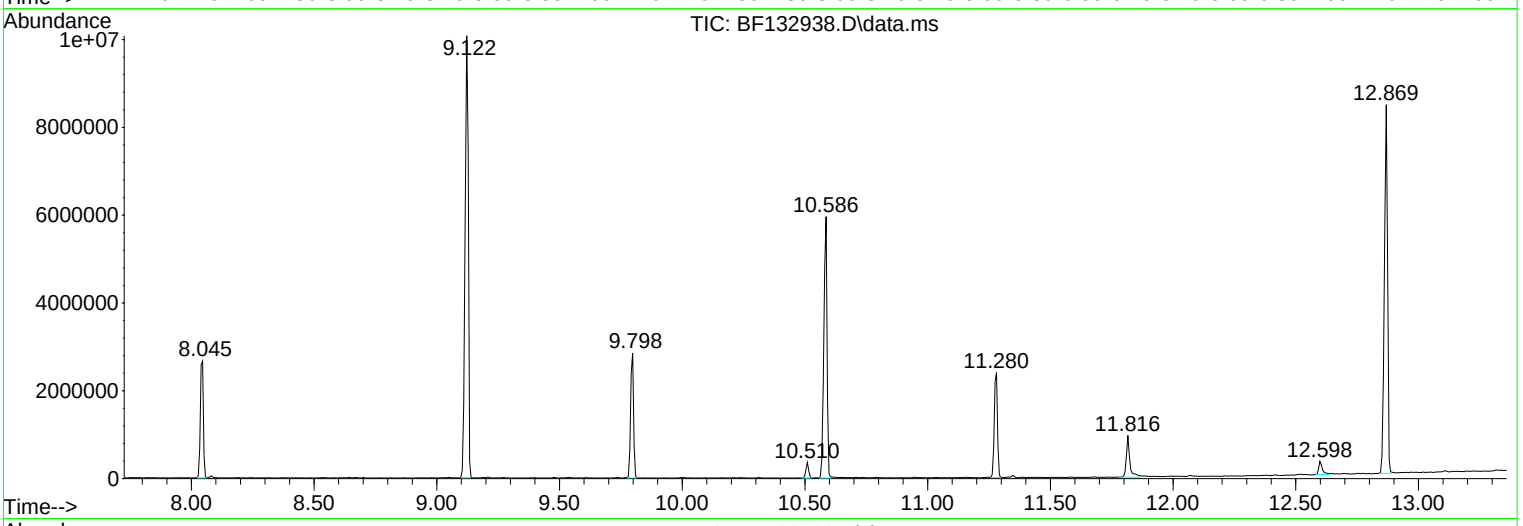
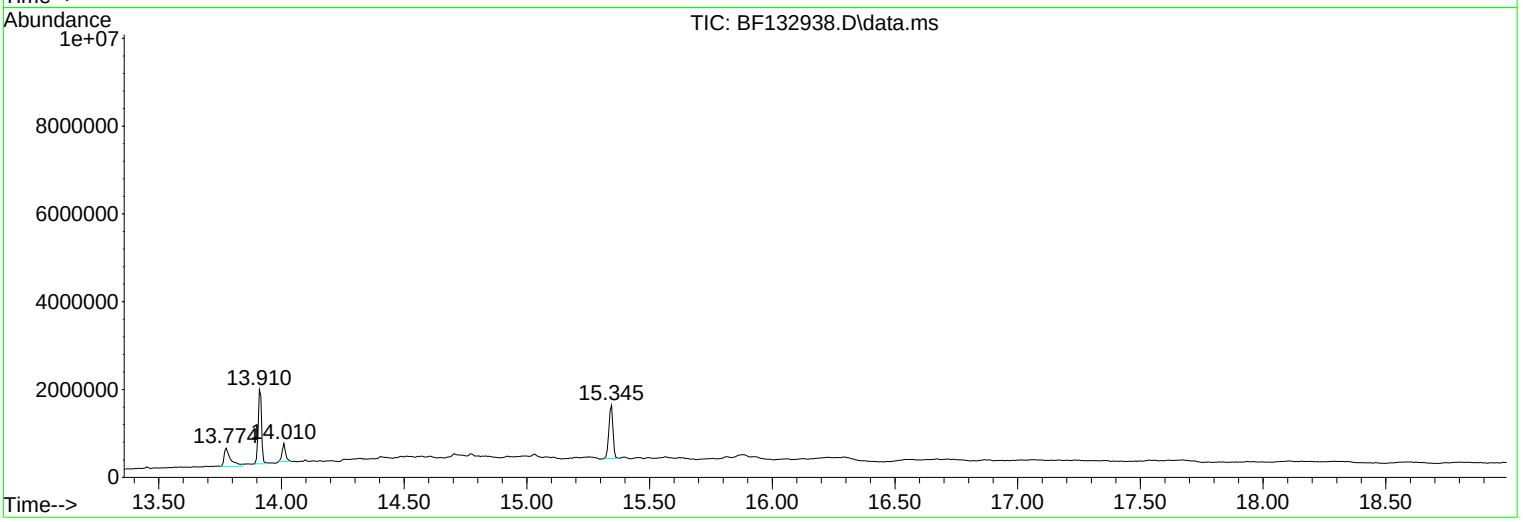
SB-17-0-2-20230410

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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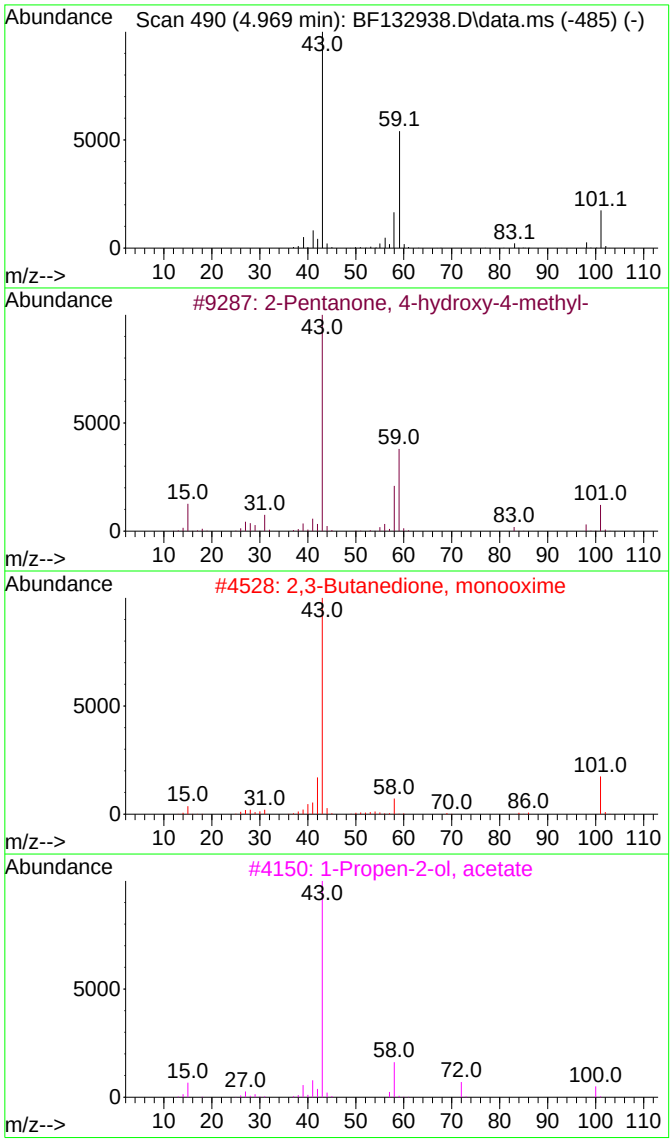
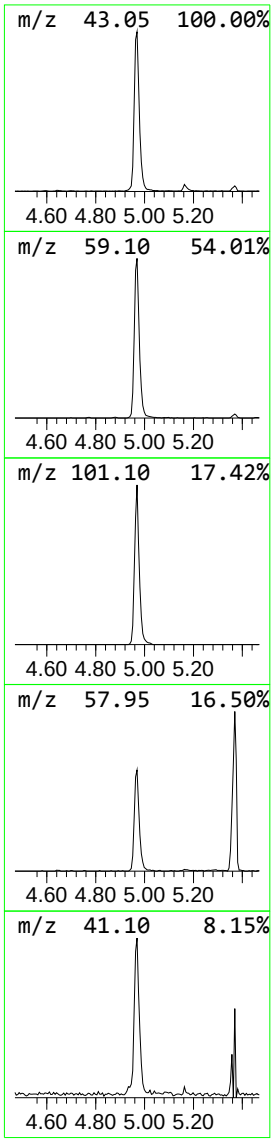
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	8.11 ng	708275	1,4-Dichlorobenzene-d4	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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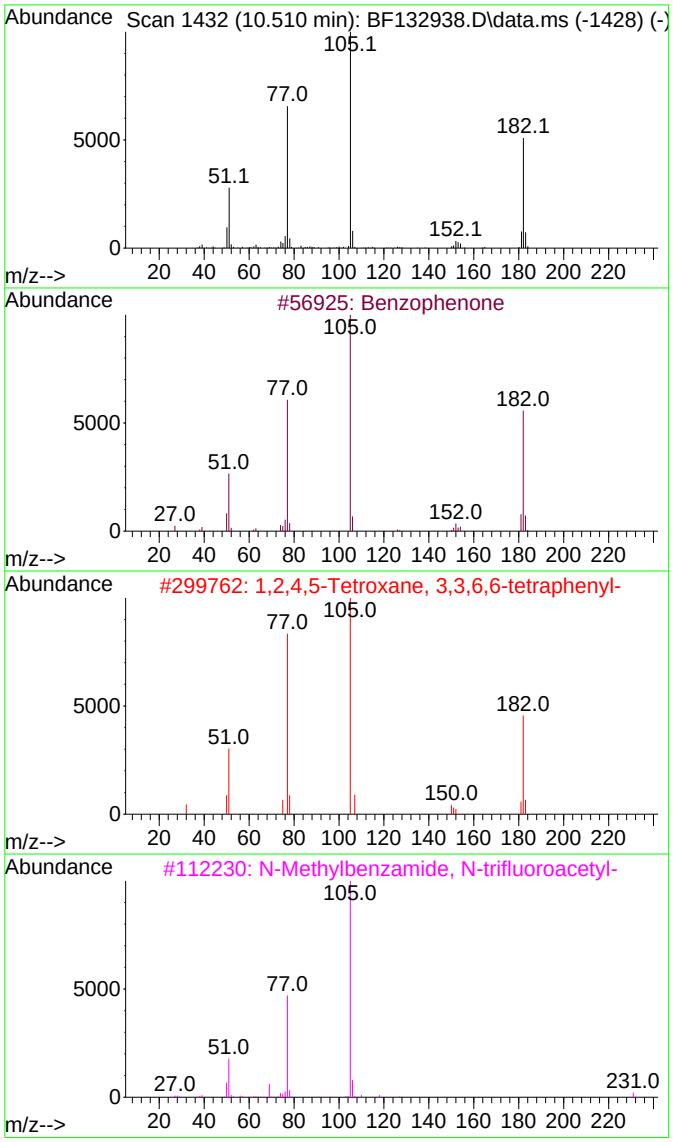
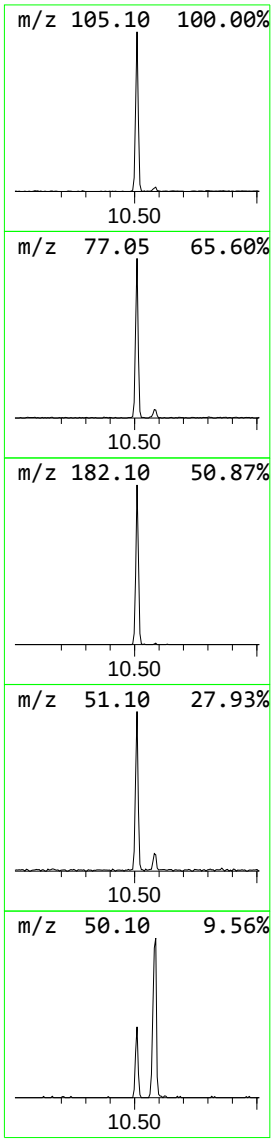
Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	2.28 ng	269249	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	50
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
5	N-cyanobenzamide	146	C8H6N2O	015150-25-1	50





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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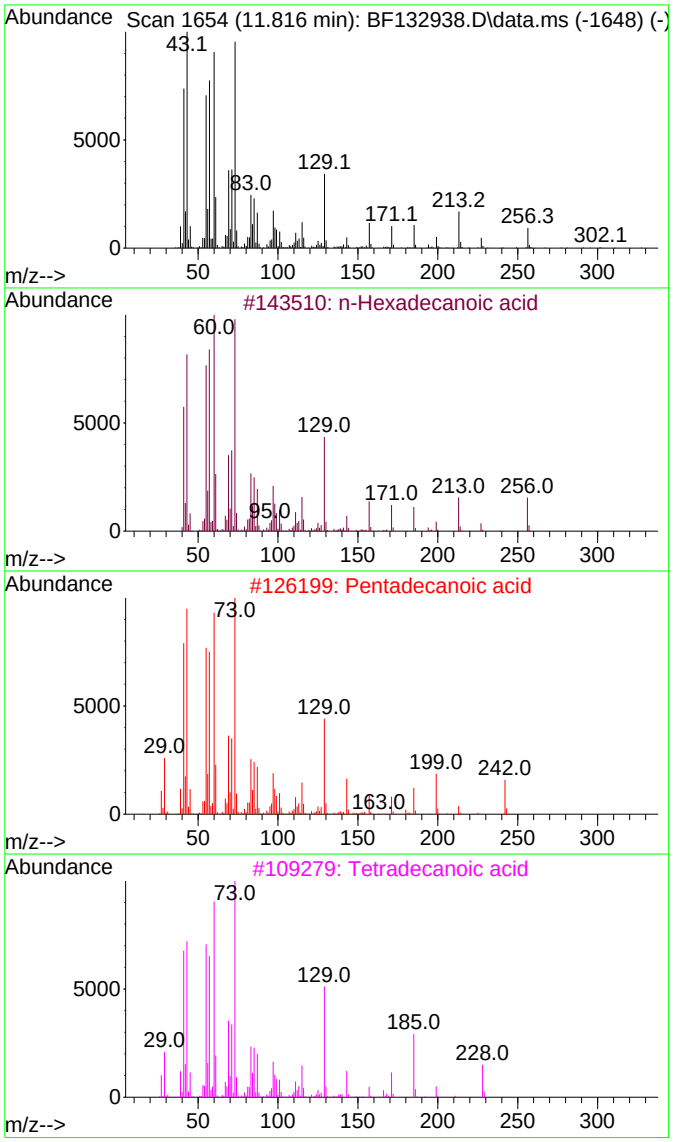
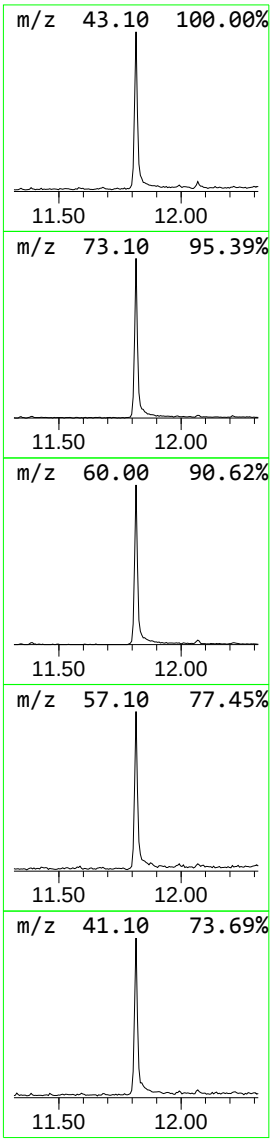
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	8.88 ng	951328	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
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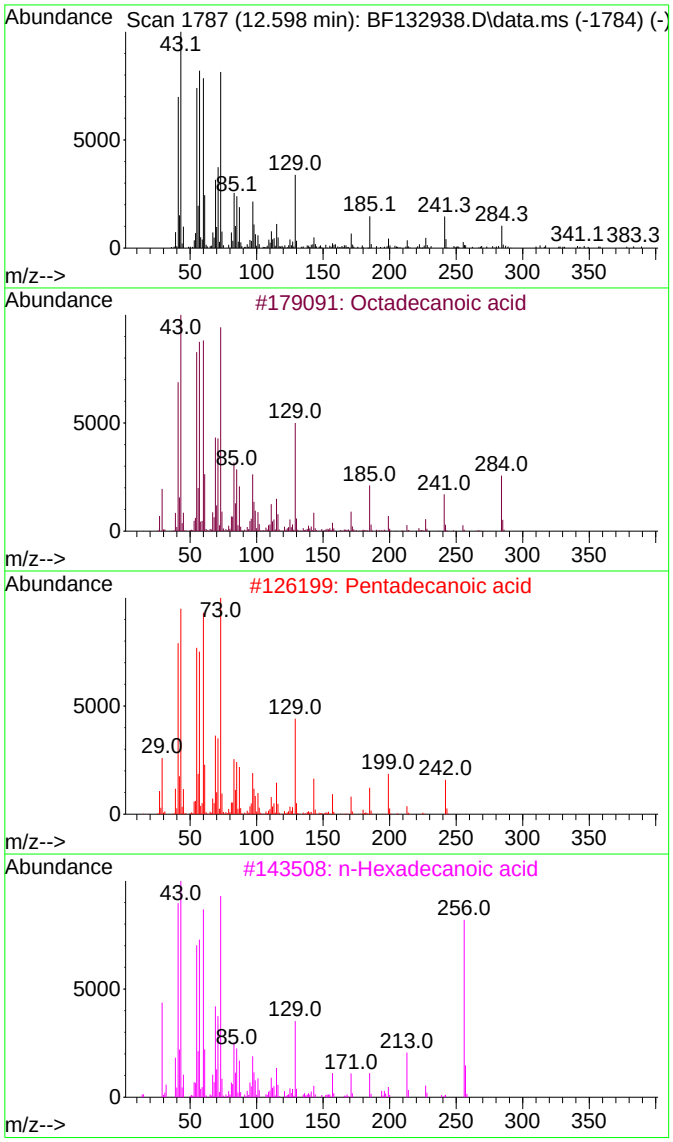
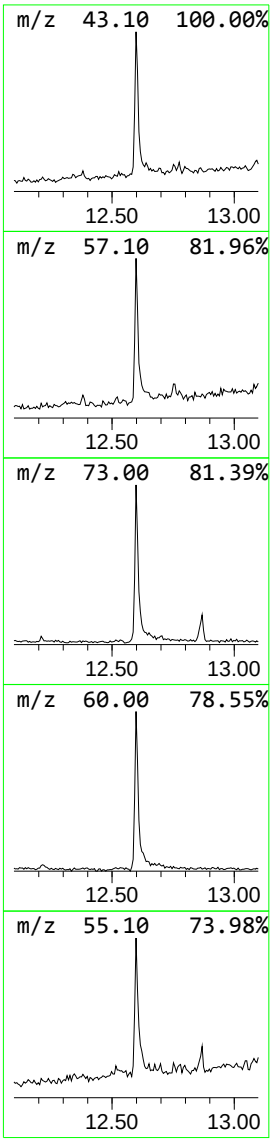
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	4.14 ng	324395	Chrysene-d12	13.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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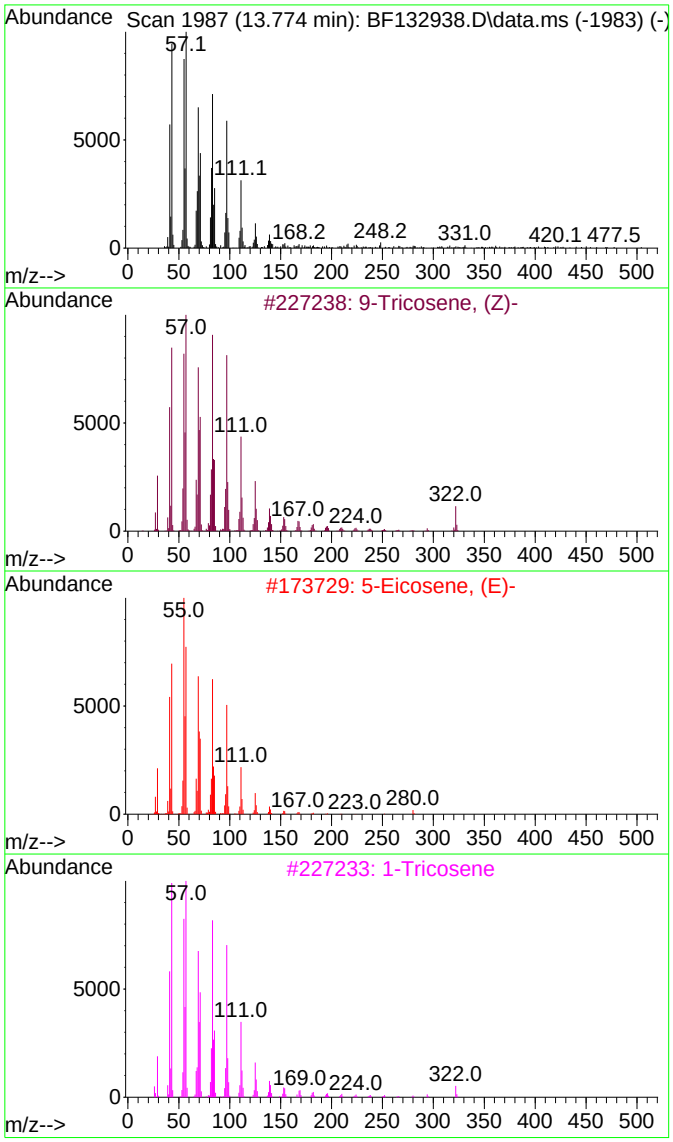
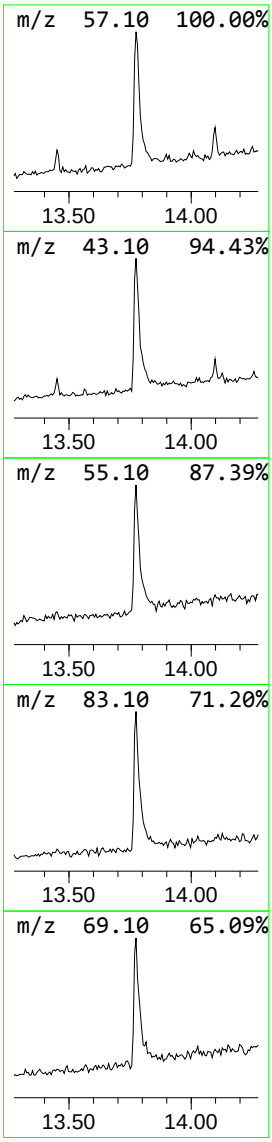
****

Peak Number 5 9-Tricosene, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	9.85 ng	771802	Chrysene-d12	13.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	1-Tricosene	322	C23H46	018835-32-0	97
4	1-Nonadecene	266	C19H38	018435-45-5	97
5	1-Docosene	308	C22H44	001599-67-3	96





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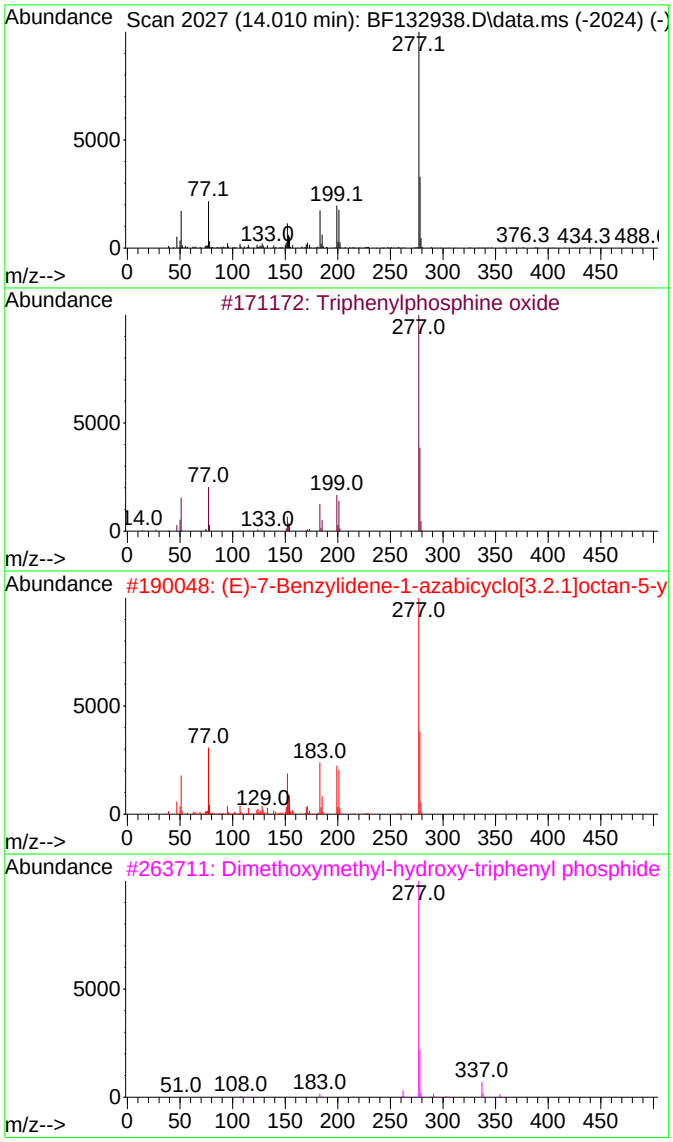
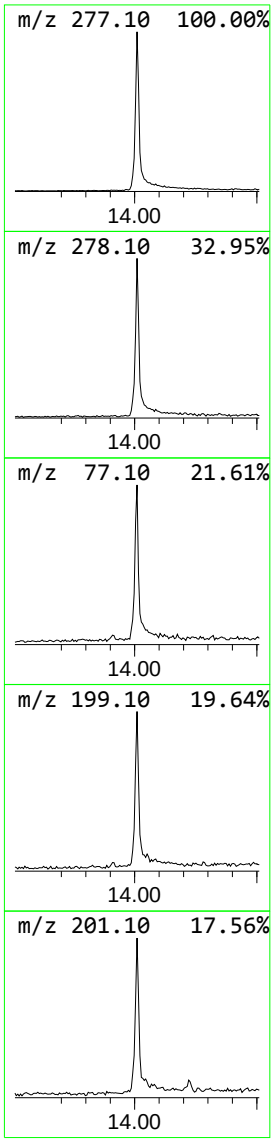
Peak Number 6 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	5.08 ng	397958	Chrysene-d12	13.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	52
3	Dimethoxymethyl-hydroxy-tripheny...	354	C21H23O3P	1000132-00-1	40
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.969	8.1	ng	708275	1	6.757	1745810	20.0
Benzophenone	10.510	2.3	ng	269249	3	9.798	2360630	20.0
n-Hexadecanoic ...	11.816	8.9	ng	951328	4	11.280	2143050	20.0
Octadecanoic acid	12.598	4.1	ng	324395	5	13.910	1567090	20.0
9-Tricosene, (Z)-	13.774	9.8	ng	771802	5	13.910	1567090	20.0
Triphenylphosph...	14.010	5.1	ng	397958	5	13.910	1567090	20.0