LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132350.D
Acq On : 07 Feb 2023 18:10
Operator : CG\JU
Sample : 01466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-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_F\Methods\8270-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132350.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	408	417	427	rBV	1025583	1315746	28.71%	4.082%
2	5.672	477	482	486	rBV	2888169	3149000	68.72%	9.769%
3	6.666	645	651	654	rBV	2918819	3157536	68.91%	9.795%
4	7.048	713	716	720	rVB	1103705	865757	18.89%	2.686%
5	7.613	807	812	815	rBV	2368597	2110534	46.06%	6.547%
6	8.336	931	935	938	rBV	1505972	1165523	25.44%	3.616%
7	9.413	1114	1118	1121	rBV	5058134	4248879	92.73%	13.181%
8	10.101	1231	1235	1238	rBV	1650037	1382439	30.17%	4.289%
9	10.813	1352	1356	1359	rVB	317938	240677	5.25%	0.747%
10	10.895	1365	1370	1373	rBV	3264433	3123149	68.16%	9.688%
11	11.595	1485	1489	1492	rBV	1835532	1499234	32.72%	4.651%
12	12.107	1570	1576	1591	rBV	891906	866858	18.92%	2.689%
13	12.818	1691	1697	1702	rBV	82292	91113	1.99%	0.283%
14	12.895	1706	1710	1722	rBV	328458	331174	7.23%	1.027%
15	13.048	1730	1736	1742	rVB	118068	130356	2.84%	0.404%
16	13.189	1755	1760	1763	rBV	4890696	4582151	100.00%	14.214%
17	14.077	1907	1911	1928	rBV	412781	722429	15.77%	2.241%
18	14.218	1931	1935	1937	rBV	86792	76172	1.66%	0.236%
19	14.254	1937	1941	1944	rBV	1263524	1087215	23.73%	3.373%
20	14.348	1952	1957	1963	rBV	841681	895739	19.55%	2.779%
21	15.130	2086	2090	2094	rBV	74338	77102	1.68%	0.239%
22	15.830	2203	2209	2216	rBV2	763205	991449	21.64%	3.076%
23	16.412	2301	2308	2325	rBV2	23328	125560	2.74%	0.390%

Sum of corrected areas: 32235792

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ClientSampleId :
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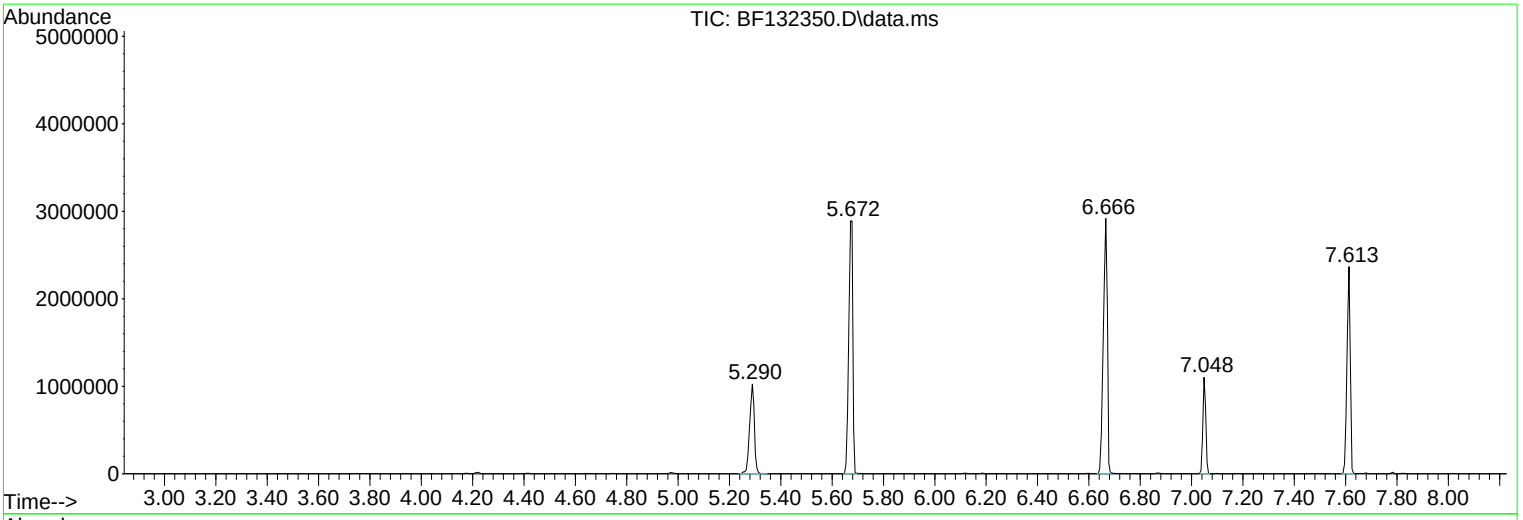
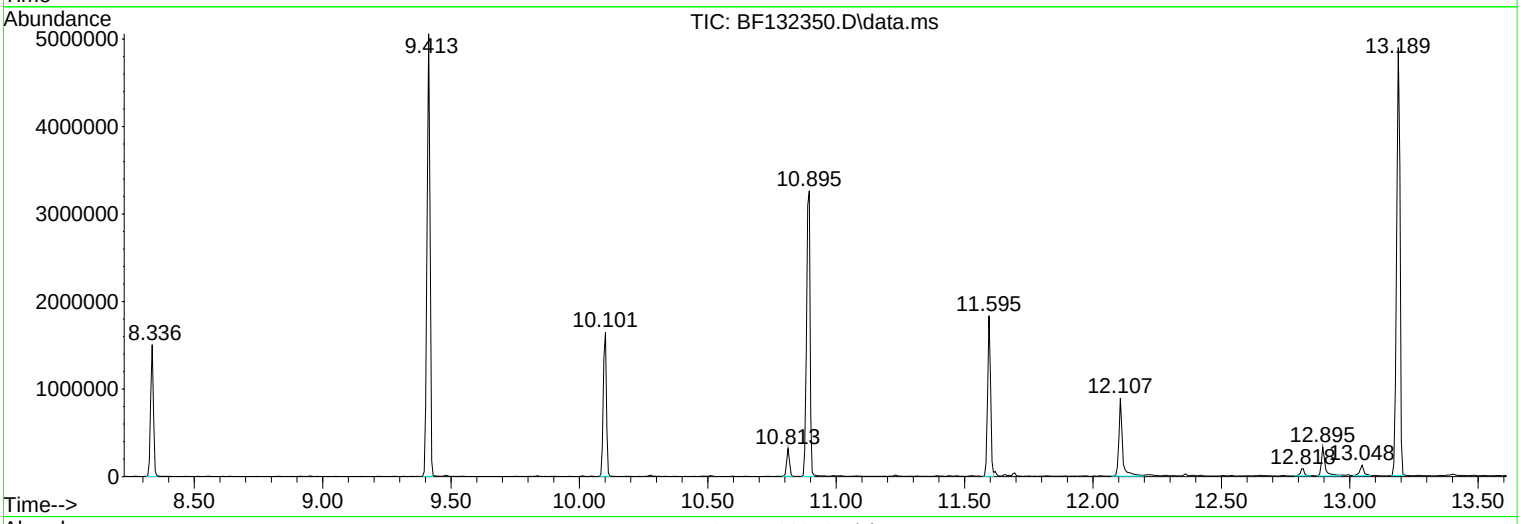
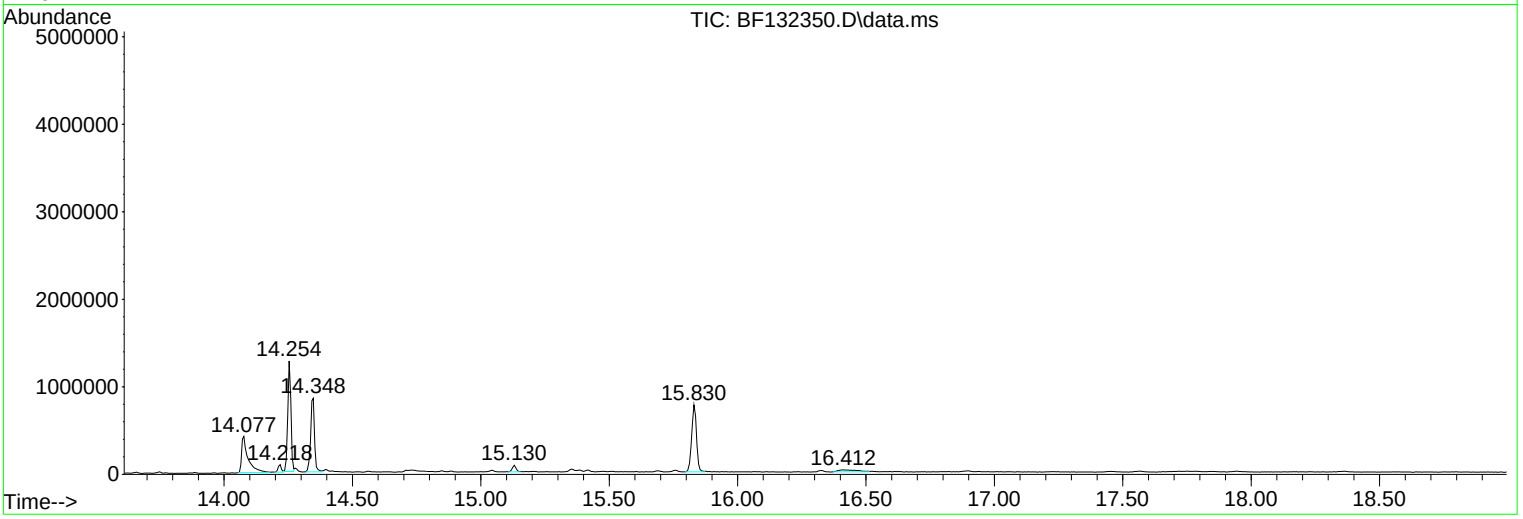
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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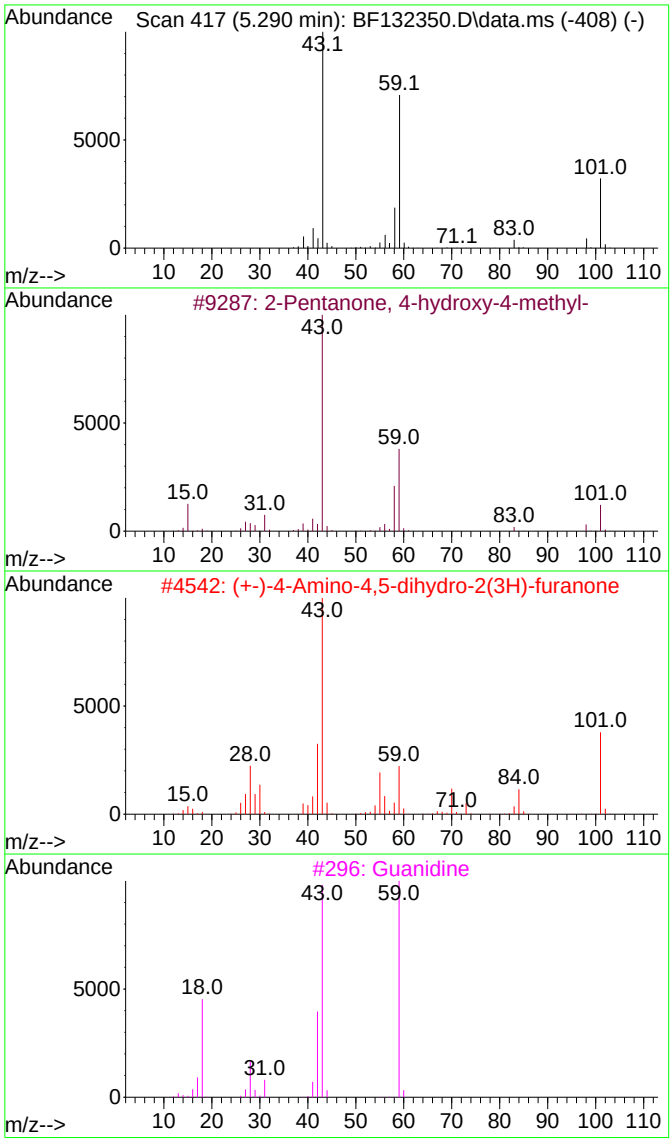
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

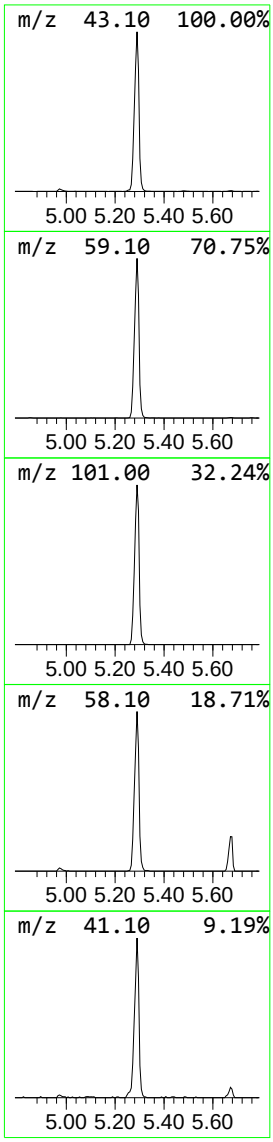
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.290	30.40 ng	1315750	1,4-Dichlorobenzene-d4	7.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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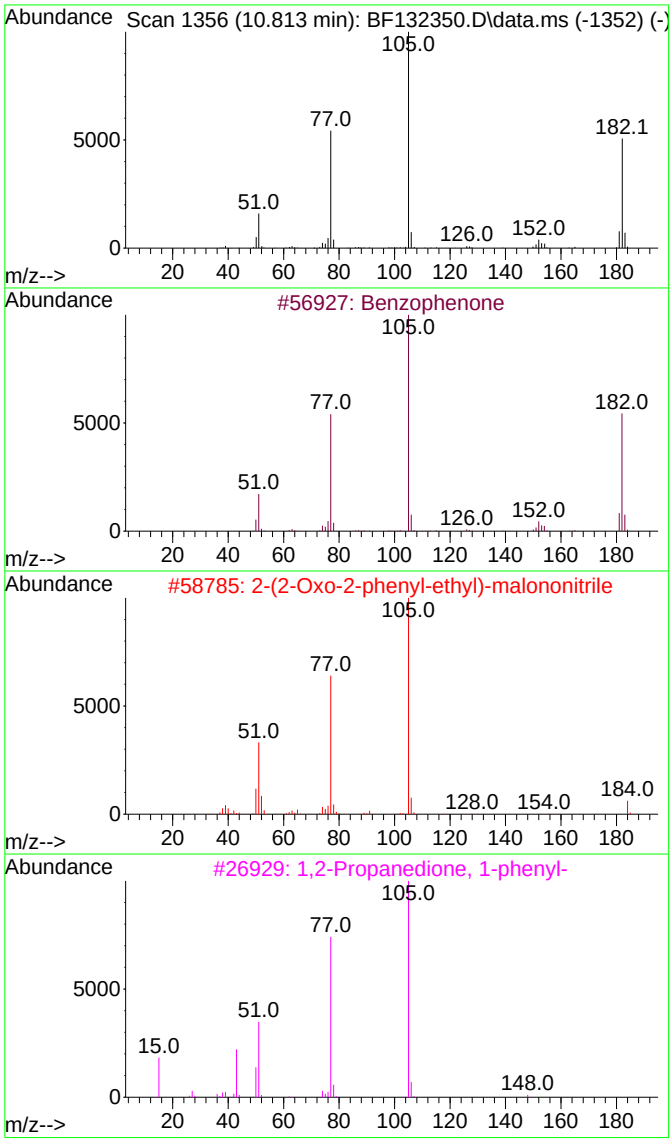
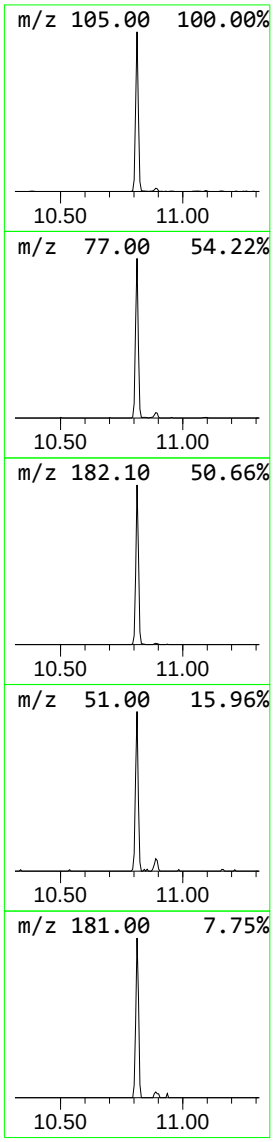
Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.813	3.48 ng	240677	Acenaphthene-d10	10.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
4	2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	43
5	Methanone, (4-bromo-5-methyl-2-n...	357	C12H8BrNO3S2	1000274-00-2	43





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Instrument :
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ClientSampleId :
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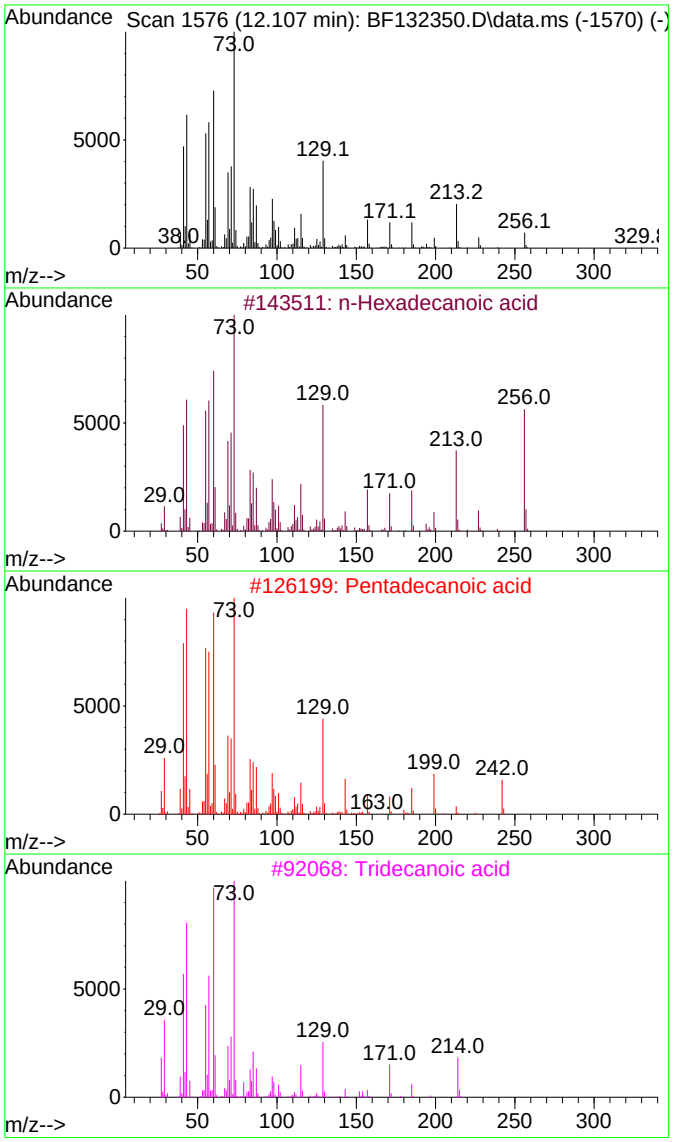
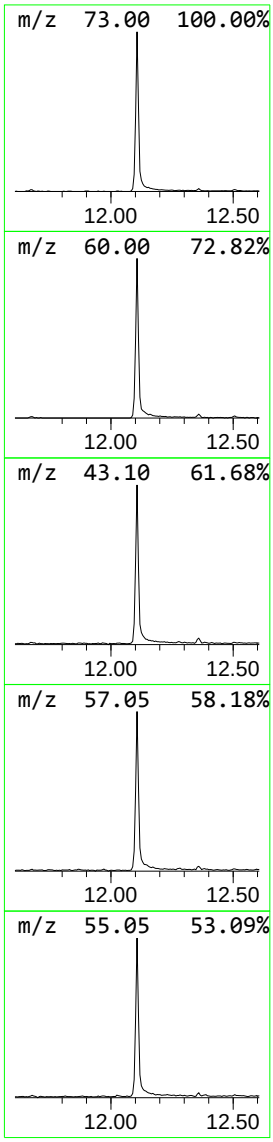
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.107	11.56 ng	866858	Phenanthrene-d10	11.595

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	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Instrument :
BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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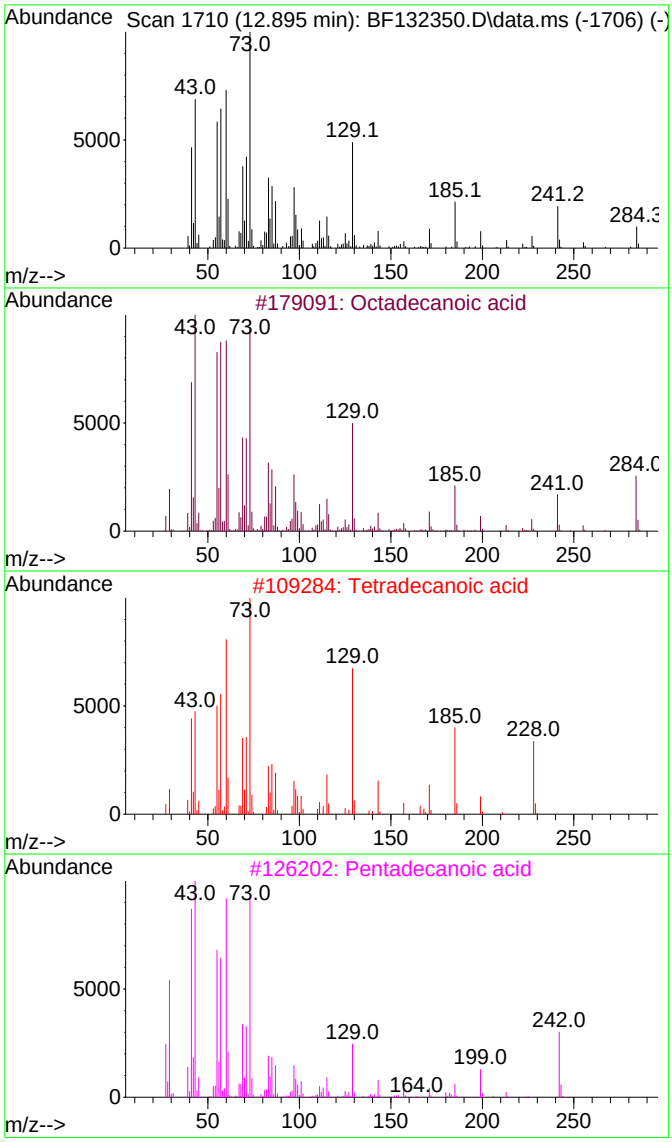
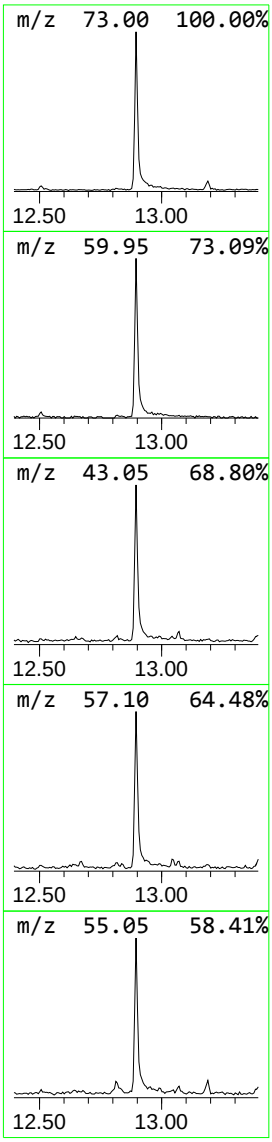
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	4.42 ng	331174	Phenanthrene-d10	11.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





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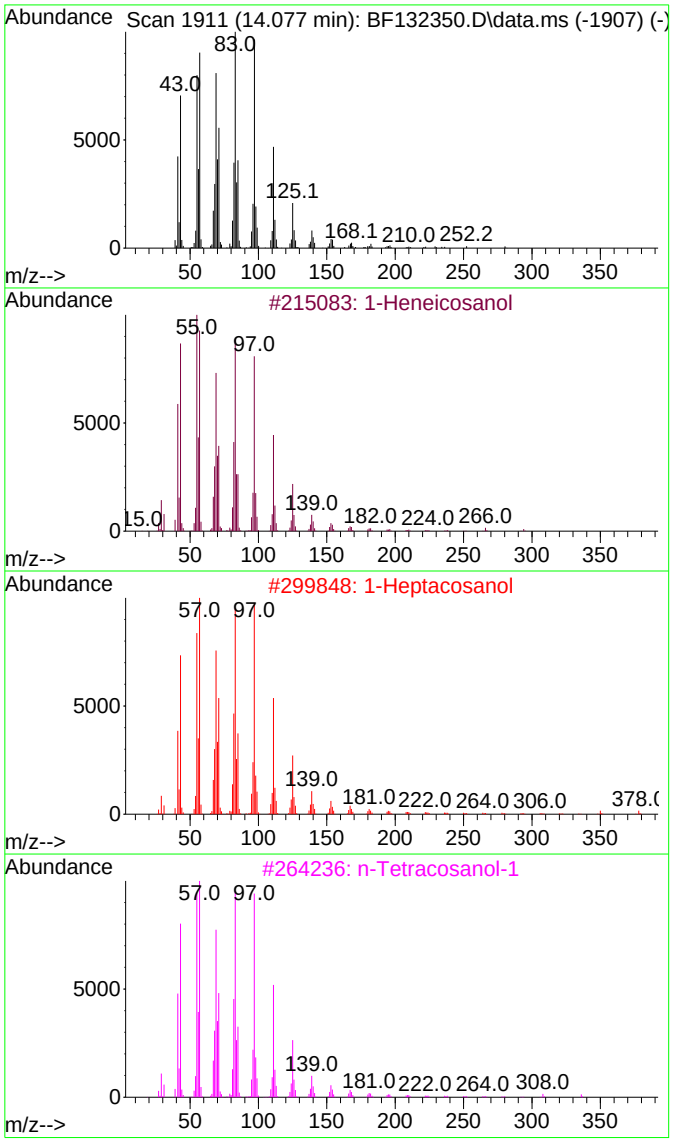
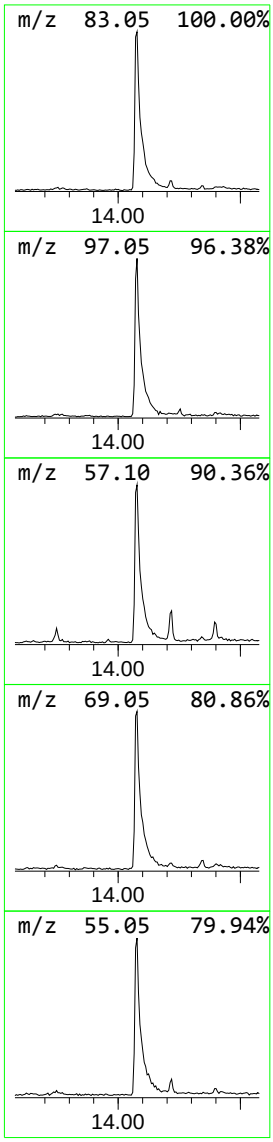
Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	13.29 ng	722429	Chrysene-d12	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Cyclopentadecane	210	C15H30	000295-48-7	94





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TIC Library : C:\Database\NIST20.L
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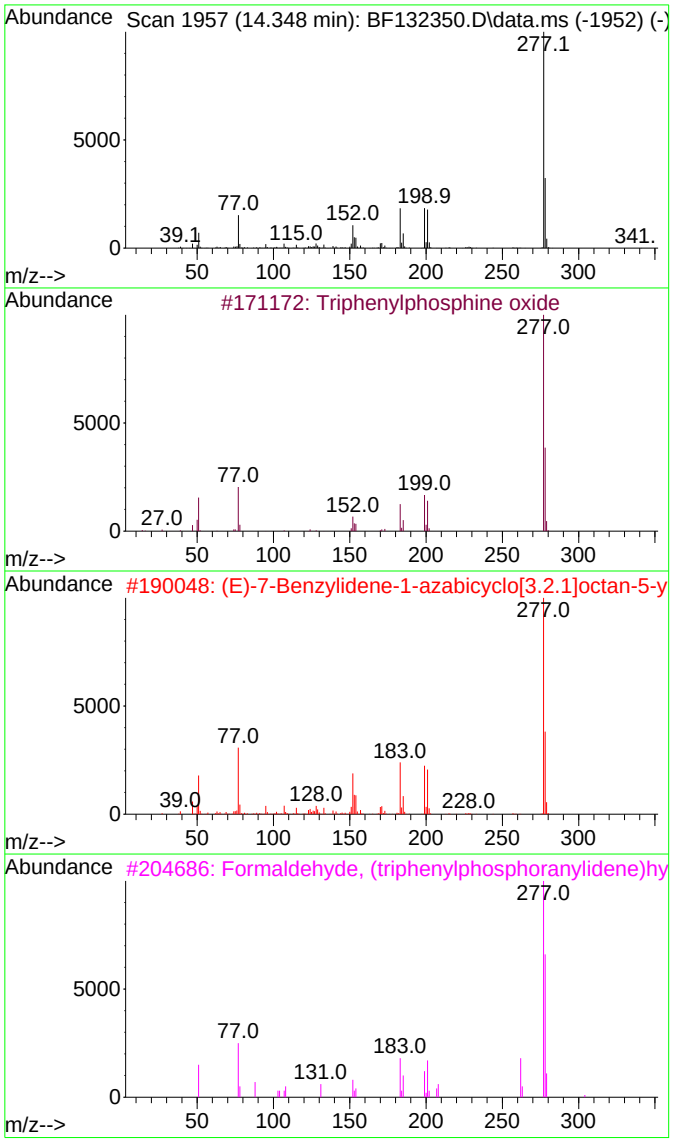
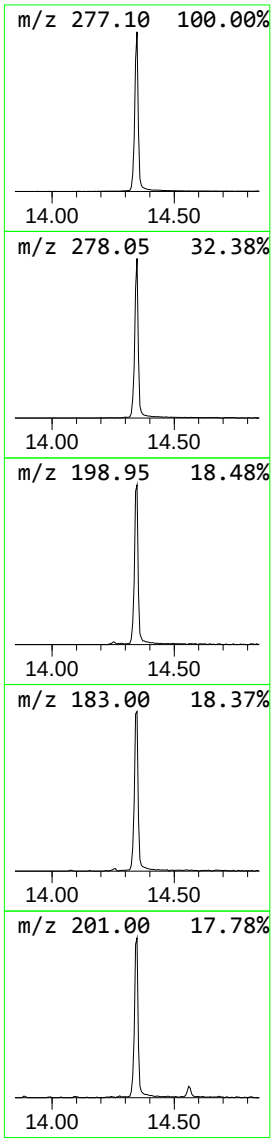
Peak Number 7 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.348	16.48 ng	895739	Chrysene-d12	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	9





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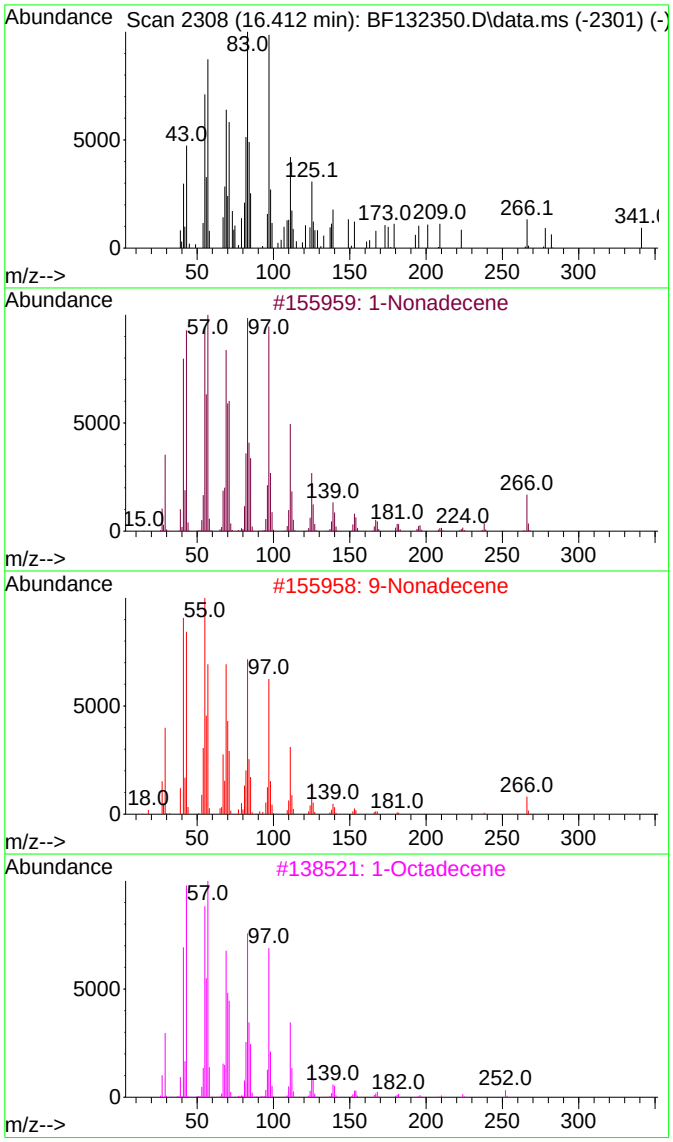
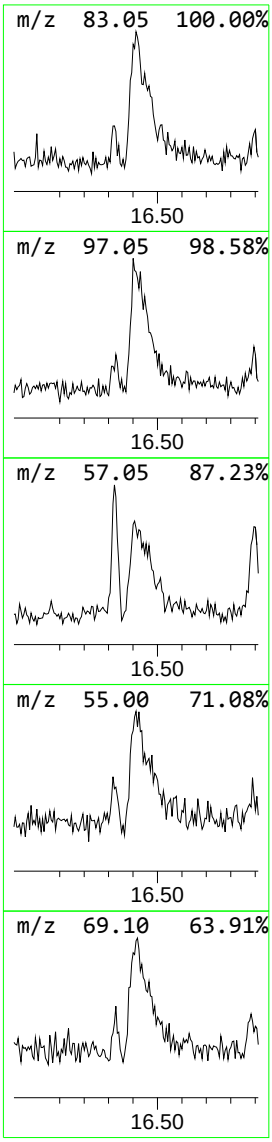
Peak Number 8 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.412	2.53 ng	125560	Perylene-d12	15.830

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	9-Nonadecene	266	C19H38	031035-07-1	81
3	1-Octadecene	252	C18H36	000112-88-9	80
4	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	80
5	Cycloeicosane	280	C20H40	000296-56-0	72





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-...	5.290	30.4	ng	1315750	1	7.048	865757	20.0
Benzophenone	10.813	3.5	ng	240677	3	10.101	1382440	20.0
n-Hexadecanoic ...	12.107	11.6	ng	866858	4	11.595	1499230	20.0
Octadecanoic acid	12.895	4.4	ng	331174	4	11.595	1499230	20.0
1-Heneicosanol	14.077	13.3	ng	722429	5	14.254	1087220	20.0
Triphenylphosph...	14.348	16.5	ng	895739	5	14.254	1087220	20.0
1-Nonadecene	16.412	2.5	ng	125560	6	15.830	991449	20.0