LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130125.D
Acq On : 02 Sep 2022 22:37
Operator : CG\JU
Sample : N4437-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

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-BF083122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130125.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.369	350	354	360	rBV	66027	75316	1.17%	0.240%
2	5.298	508	512	516	rBV	1987015	1748721	27.25%	5.564%
3	6.322	682	686	689	rBV	1371539	1058236	16.49%	3.367%
4	6.704	747	751	754	rBV	1429195	1243922	19.38%	3.958%
5	7.269	841	847	850	rBV	3647468	3674905	57.27%	11.693%
6	7.981	964	968	972	rBV	1983511	1676947	26.13%	5.336%
7	9.063	1146	1152	1155	rBV	6761074	6417179	100.00%	20.419%
8	9.733	1259	1266	1269	rBV	2287145	1994559	31.08%	6.346%
9	9.957	1298	1304	1308	rBV4	76998	125202	1.95%	0.398%
10	10.422	1380	1383	1386	rVB3	72018	70222	1.09%	0.223%
11	10.516	1395	1399	1403	rBV	3023887	2836806	44.21%	9.026%
12	10.763	1438	1441	1444	rBV	137600	118179	1.84%	0.376%
13	11.210	1514	1517	1521	rBV	1919552	1744711	27.19%	5.551%
14	11.616	1583	1586	1589	rVB	110803	84350	1.31%	0.268%
15	11.751	1605	1609	1613	rBV	303469	281911	4.39%	0.897%
16	12.533	1738	1742	1748	rBV	126410	135137	2.11%	0.430%
17	12.804	1783	1788	1791	rBV	5524816	5400827	84.16%	17.185%
18	13.763	1945	1951	1960	rBV2	106958	290036	4.52%	0.923%
19	13.839	1960	1964	1968	rVV	1334637	1150703	17.93%	3.661%
20	13.945	1977	1982	1992	rVB	208765	220343	3.43%	0.701%
21	15.239	2197	2202	2207	rBV	944020	1079881	16.83%	3.436%

Sum of corrected areas: 31428093

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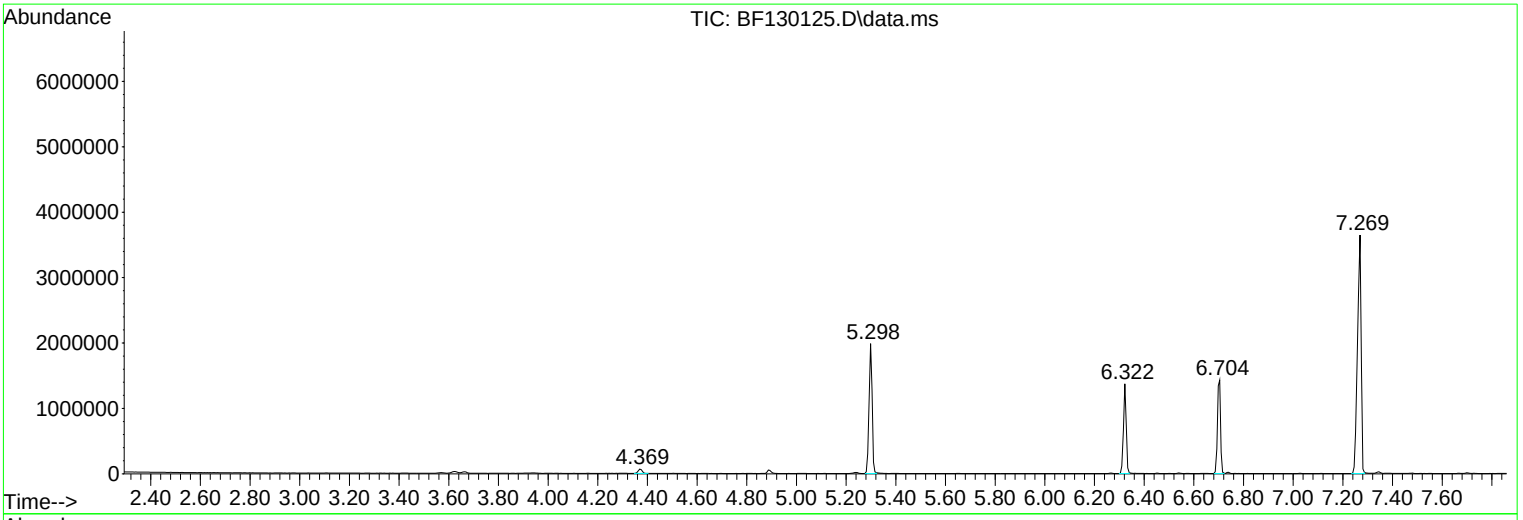
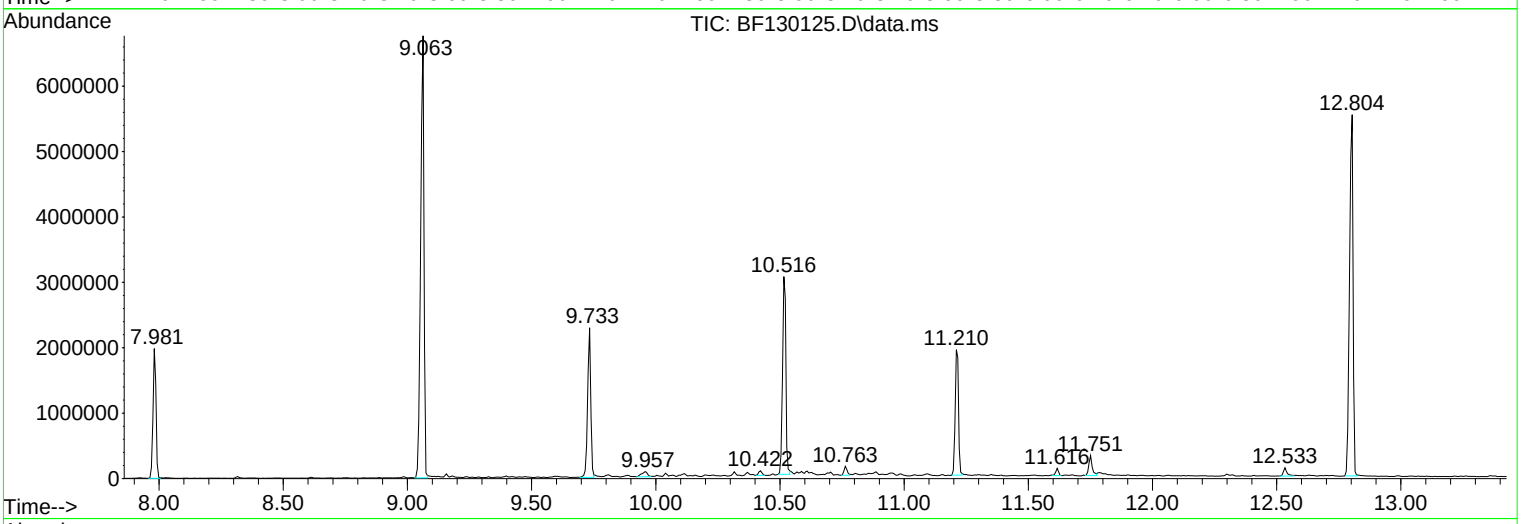
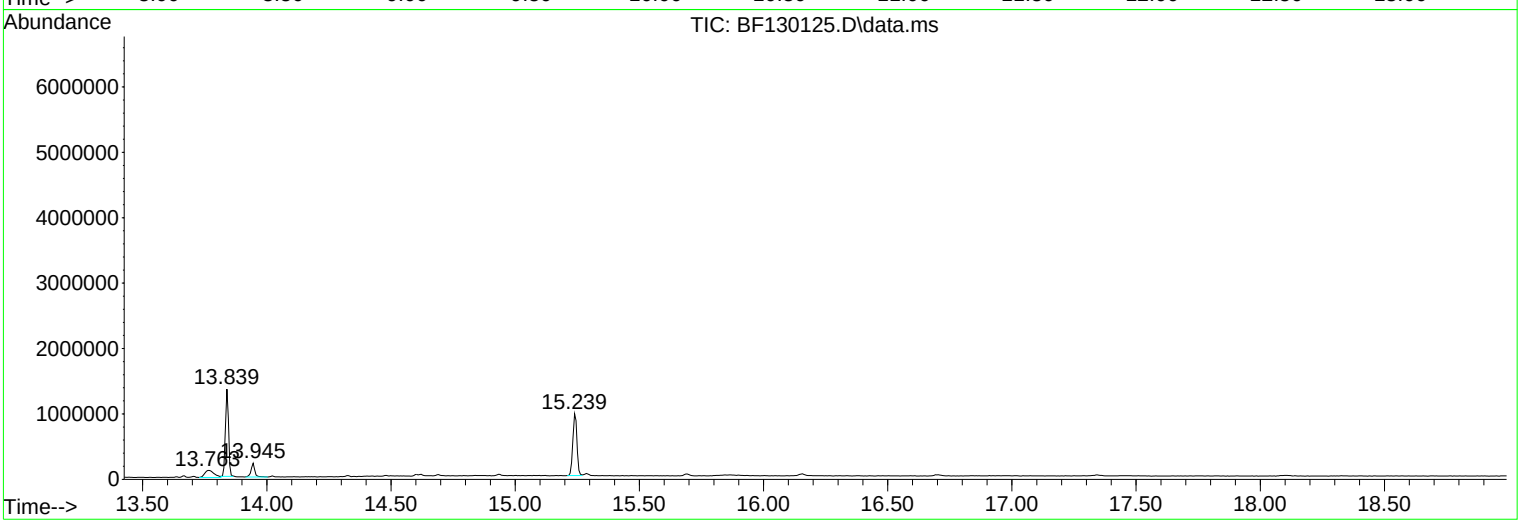
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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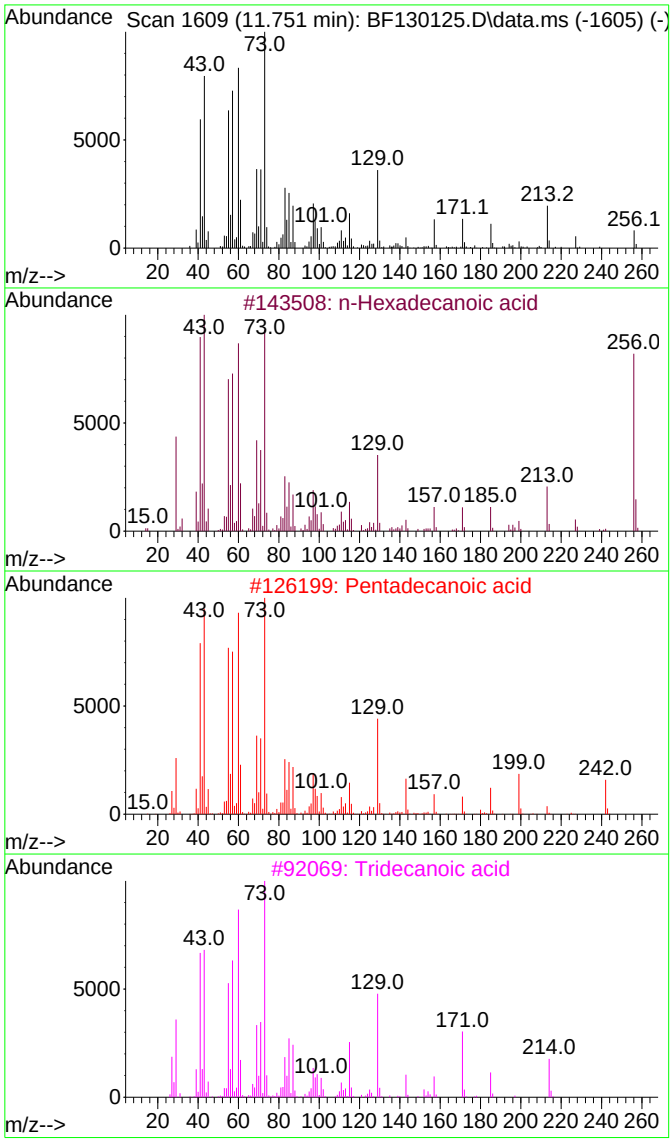
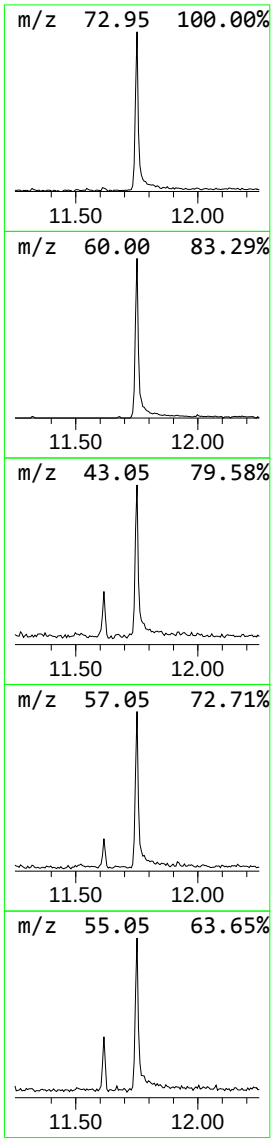
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	3.23 ng	281911	Phenanthrene-d10	11.210

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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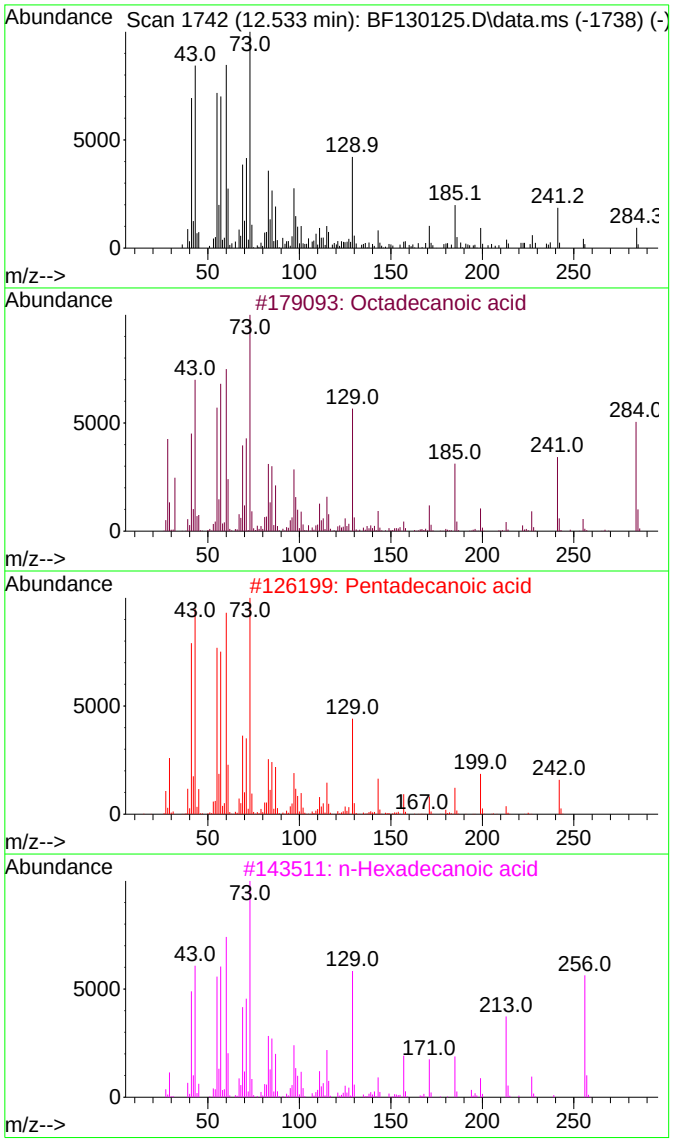
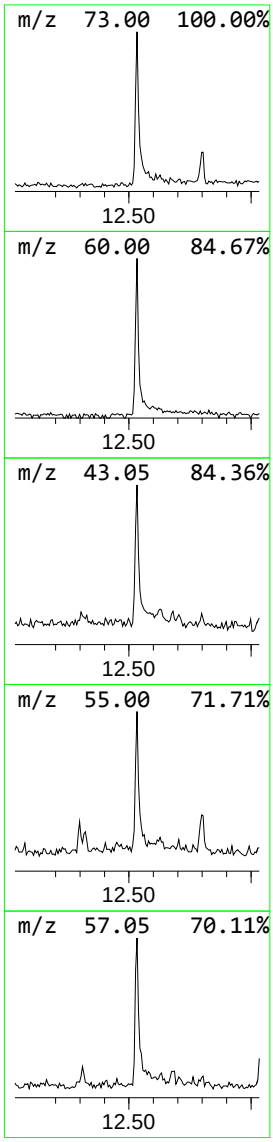
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	2.35 ng	135137	Chrysene-d12	13.839

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	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





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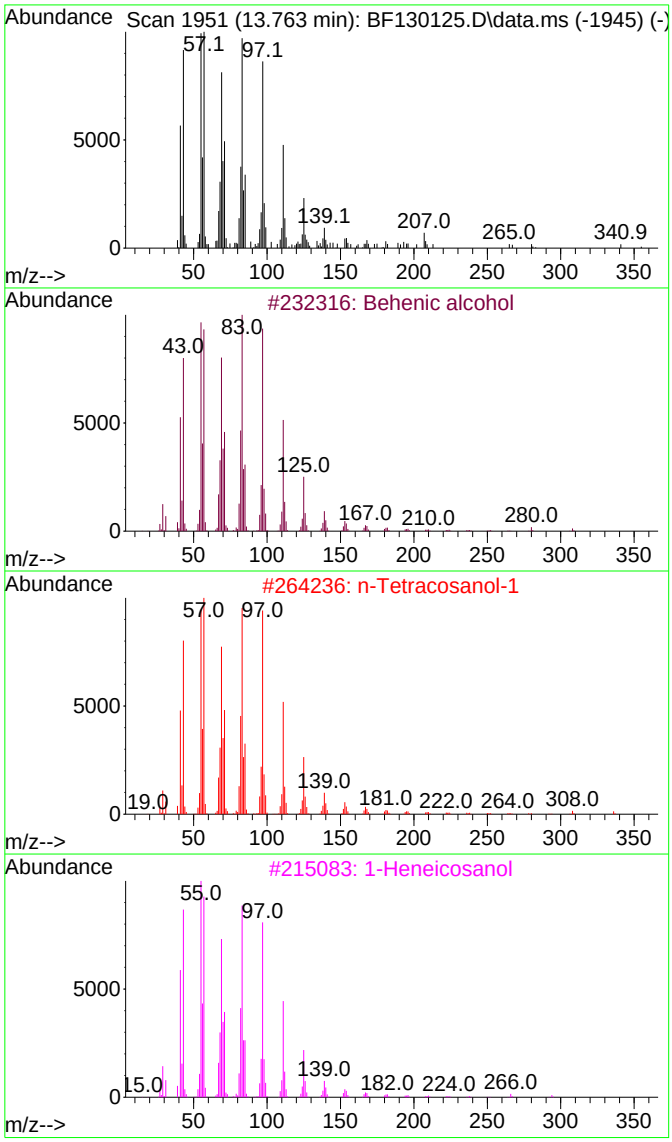
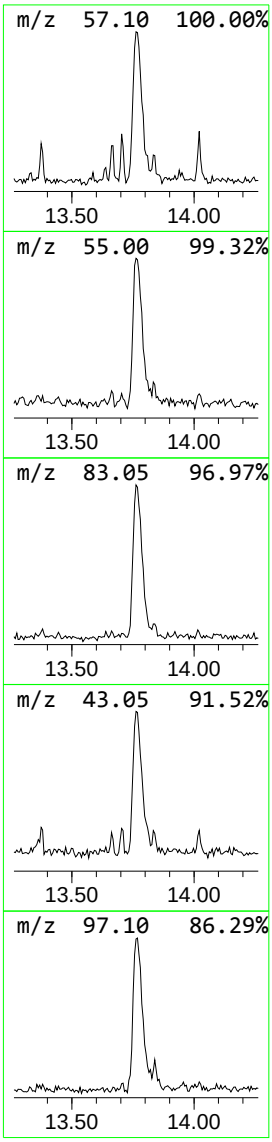
Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.762	5.04 ng	290036	Chrysene-d12	13.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Hexacosene	364	C26H52	018835-33-1	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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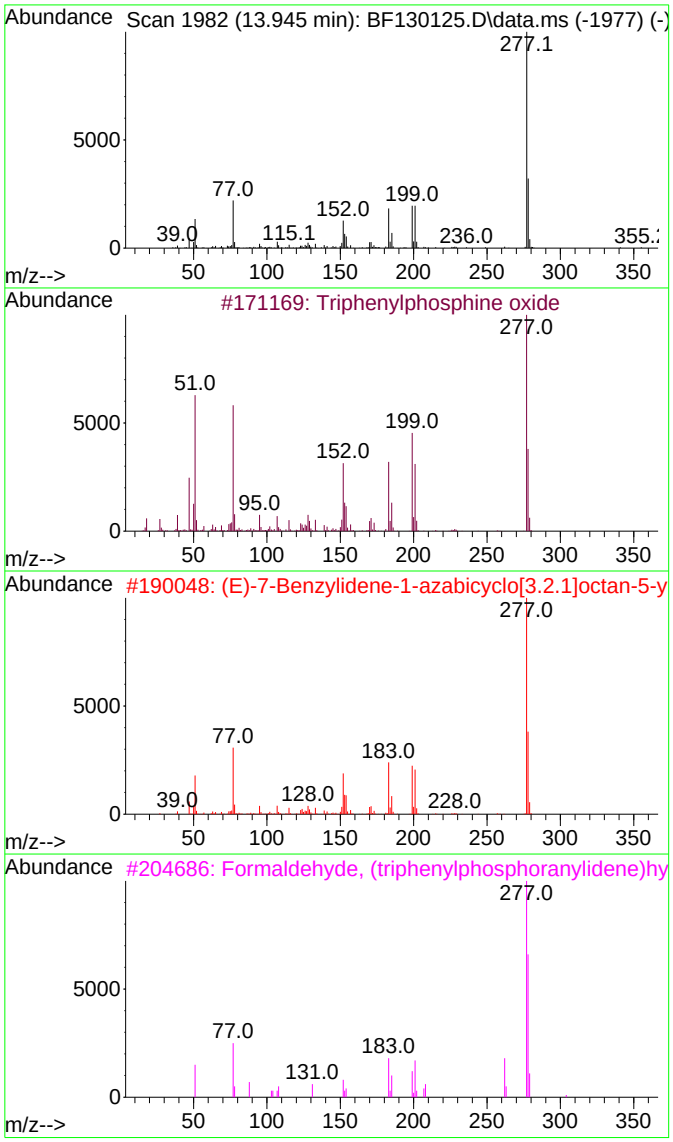
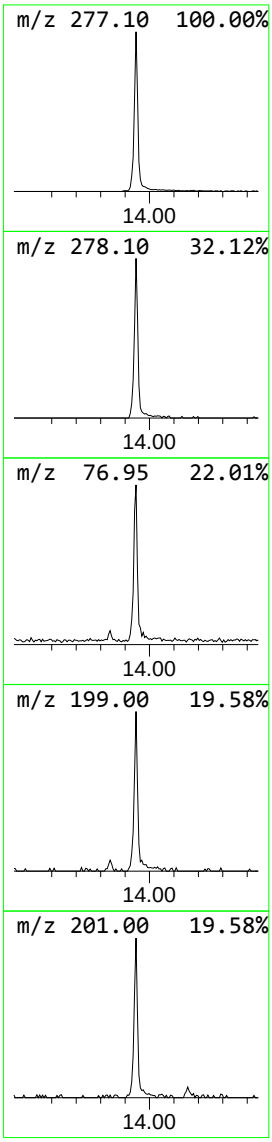
Peak Number 4 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	3.83 ng	220343	Chrysene-d12	13.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	37





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.751	3.2	ng	281911	4	11.210	1744710	20.0
Octadecanoic acid	12.533	2.4	ng	135137	5	13.839	1150700	20.0
Behenic alcohol	13.762	5.0	ng	290036	5	13.839	1150700	20.0
Triphenylphosph...	13.945	3.8	ng	220343	5	13.839	1150700	20.0