LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130122.D
Acq On : 02 Sep 2022 21:02
Operator : CG\JU
Sample : N4478-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

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: BF130122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.892	439	443	451	rVB	572662	696054	10.60%	1.959%
2	5.304	508	513	516	rBV	3020681	2830971	43.13%	7.969%
3	5.716	579	583	587	rBV	141472	120810	1.84%	0.340%
4	6.328	682	687	690	rBV	1998193	1745015	26.58%	4.912%
5	6.704	747	751	754	rBV	1453500	1211619	18.46%	3.411%
6	7.269	841	847	850	rBV	3684405	3724453	56.74%	10.484%
7	7.981	964	968	972	rBV	1872929	1642495	25.02%	4.624%
8	9.063	1146	1152	1155	rBV	6712032	6564096	100.00%	18.478%
9	9.733	1261	1266	1269	rBV	2214797	1851845	28.21%	5.213%
10	10.522	1395	1400	1403	rBV	4381460	4210479	64.14%	11.852%
11	11.216	1513	1518	1521	rBV	1827590	1710647	26.06%	4.815%
12	11.745	1605	1608	1612	rBV	197779	205059	3.12%	0.577%
13	11.780	1612	1614	1625	rVB	117346	119639	1.82%	0.337%
14	12.533	1738	1742	1748	rBV2	81107	101131	1.54%	0.285%
15	12.804	1783	1788	1791	rBV	6103481	5919464	90.18%	16.663%
16	13.751	1945	1949	1959	rBV	70429	144413	2.20%	0.407%
17	13.839	1960	1964	1968	rBV	1363302	1224895	18.66%	3.448%
18	13.945	1977	1982	1989	rBV	222012	231614	3.53%	0.652%
19	15.245	2198	2203	2207	rBV	971295	1132627	17.25%	3.188%
20	15.286	2207	2210	2216	rVB	51758	67516	1.03%	0.190%
21	16.156	2354	2358	2365	rVB3	43060	69929	1.07%	0.197%

Sum of corrected areas: 35524771

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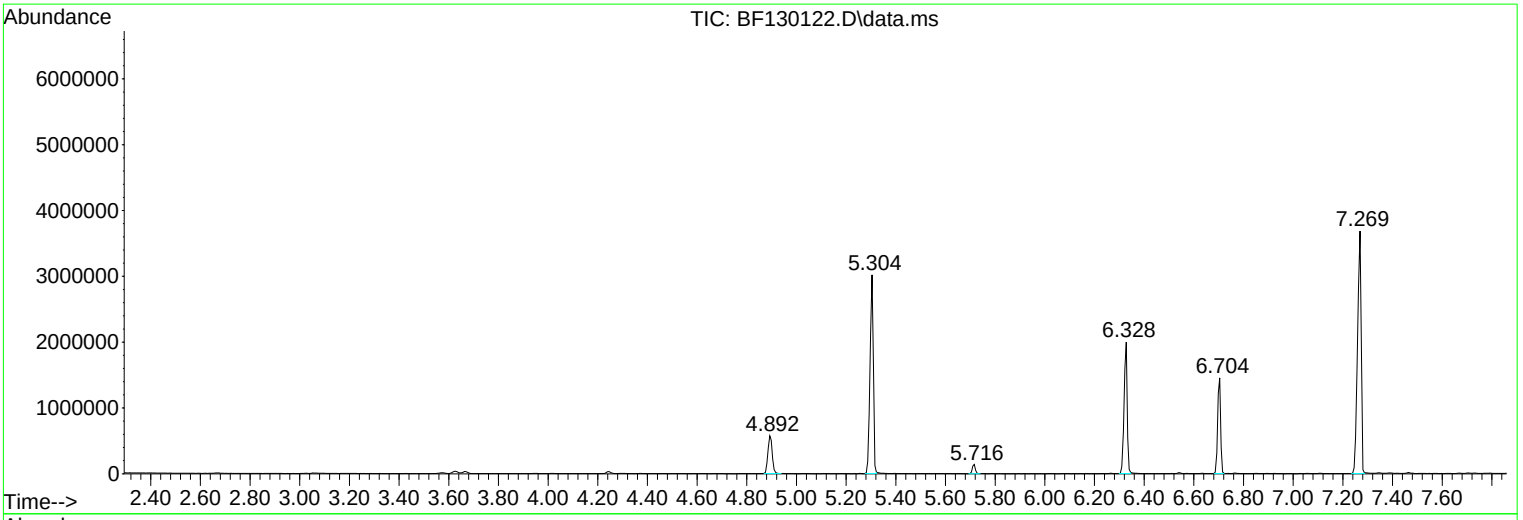
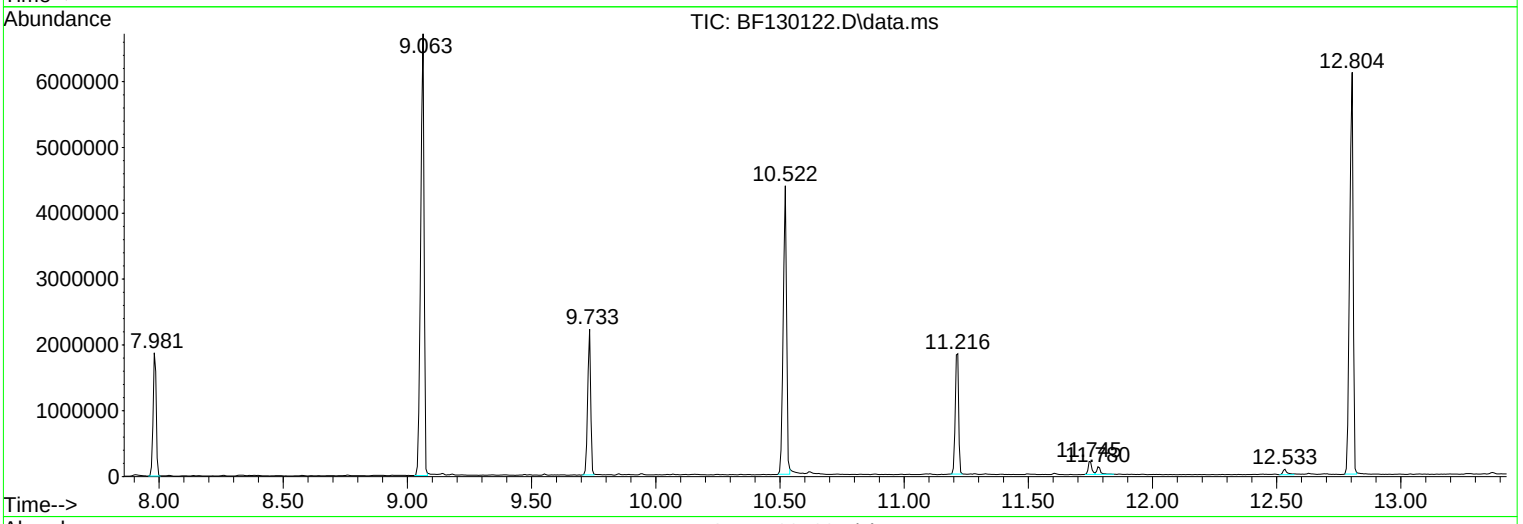
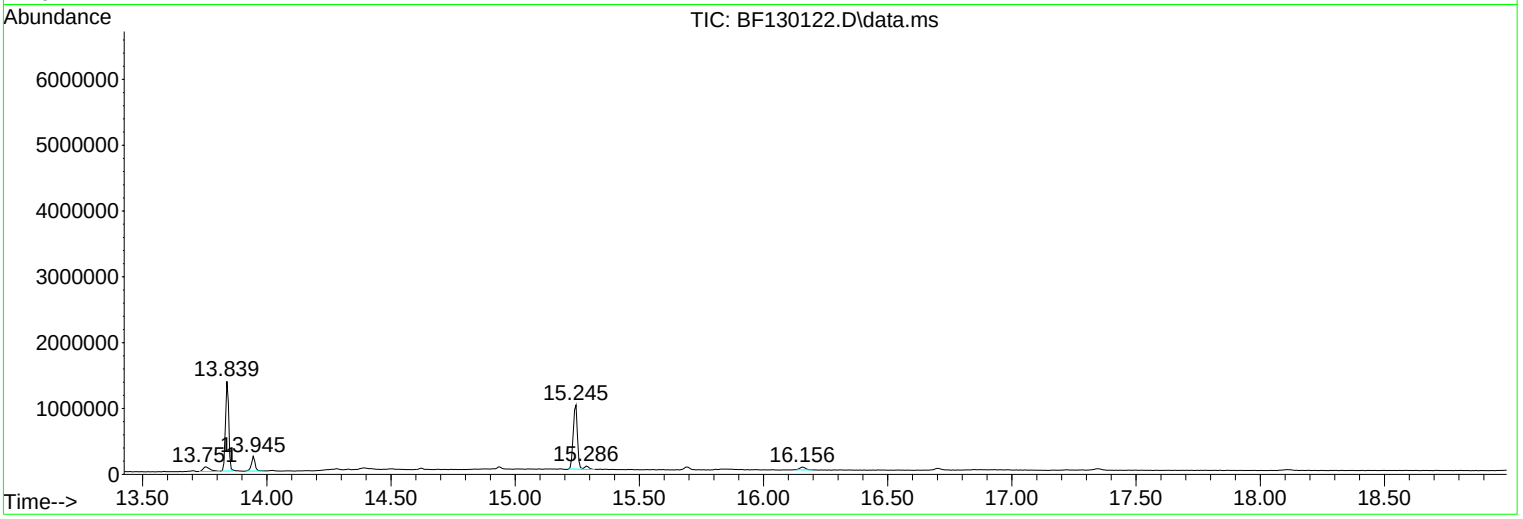
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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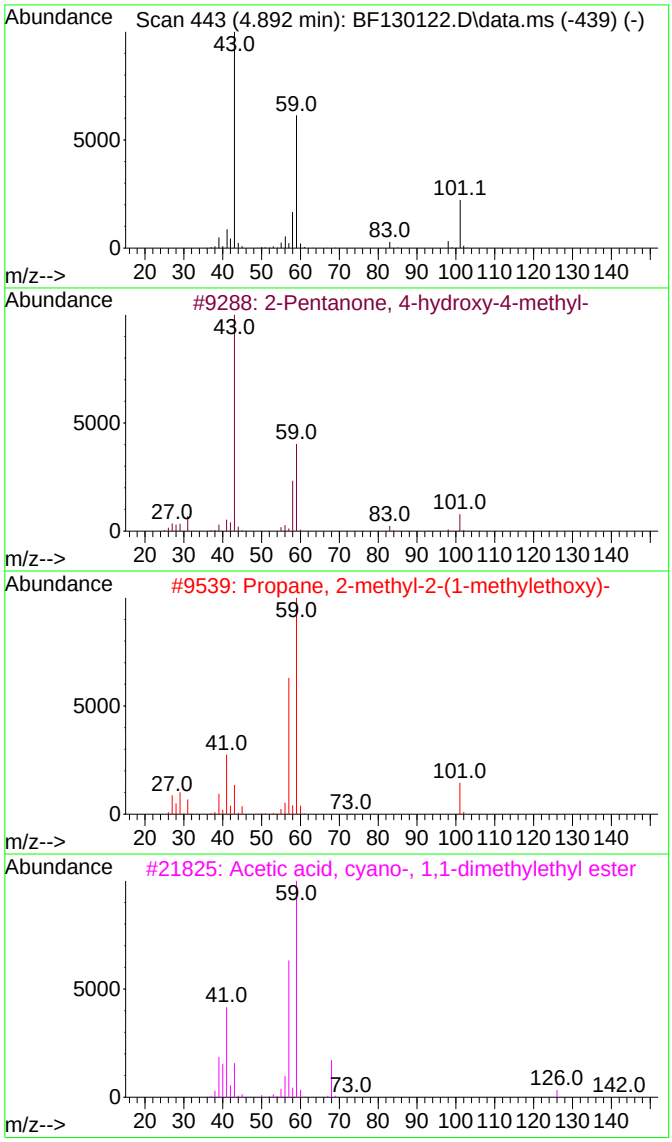
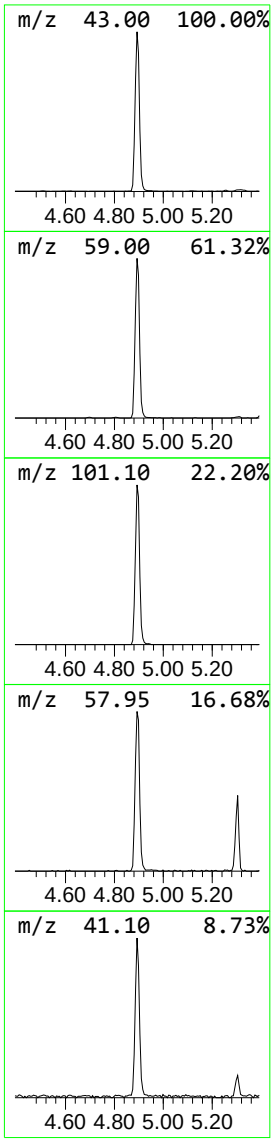
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.892	11.49 ng	696054	1,4-Dichlorobenzene-d4	6.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
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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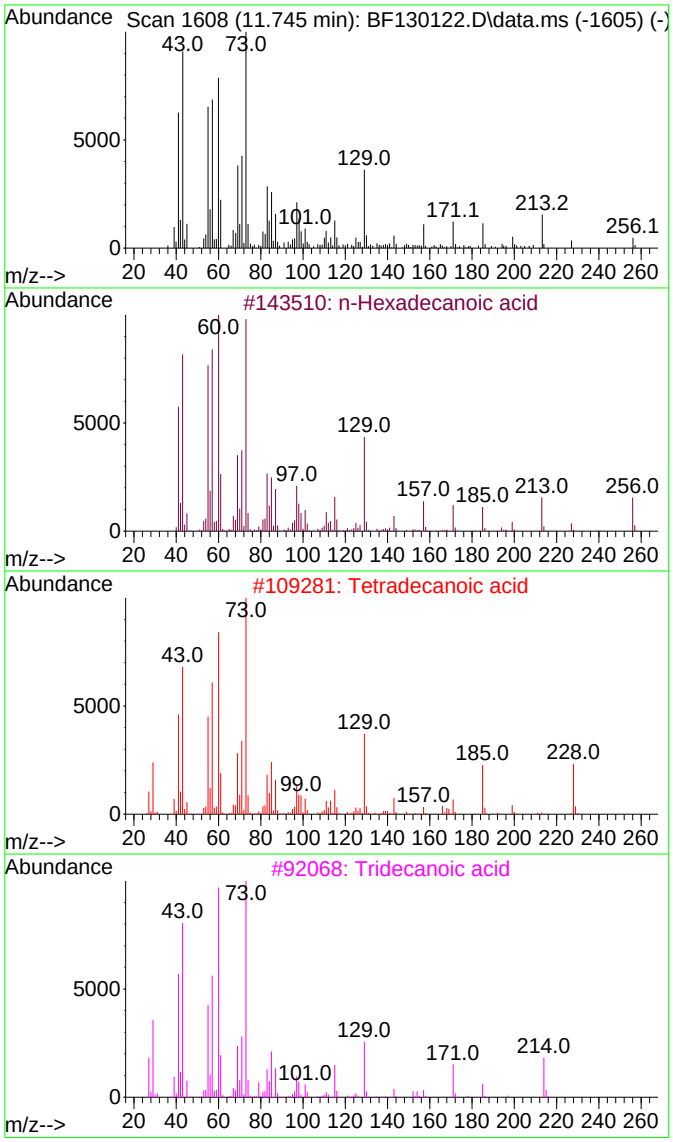
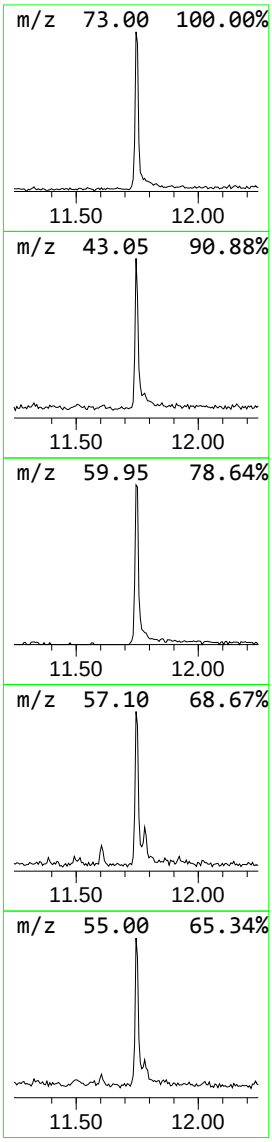
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	2.40 ng	205059	Phenanthrene-d10	11.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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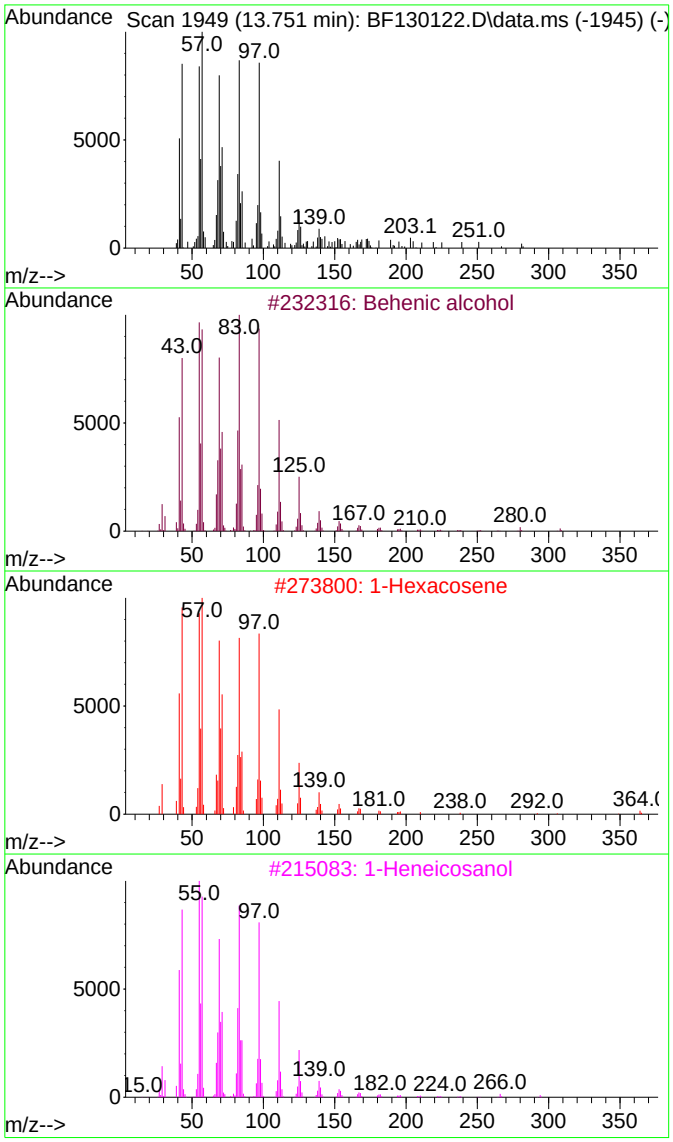
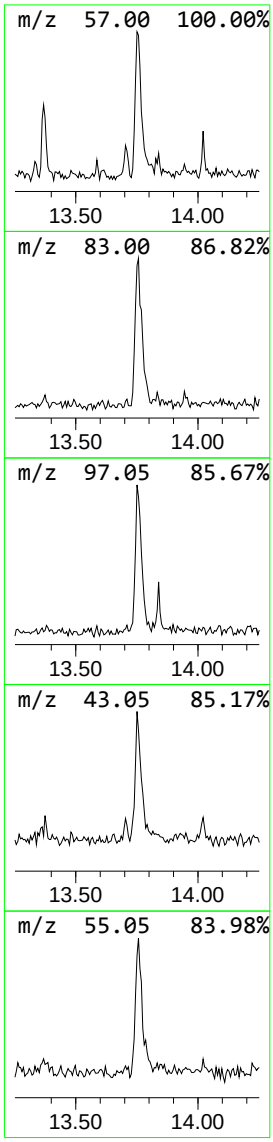
Peak Number 3 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	2.36 ng	144413	Chrysene-d12	13.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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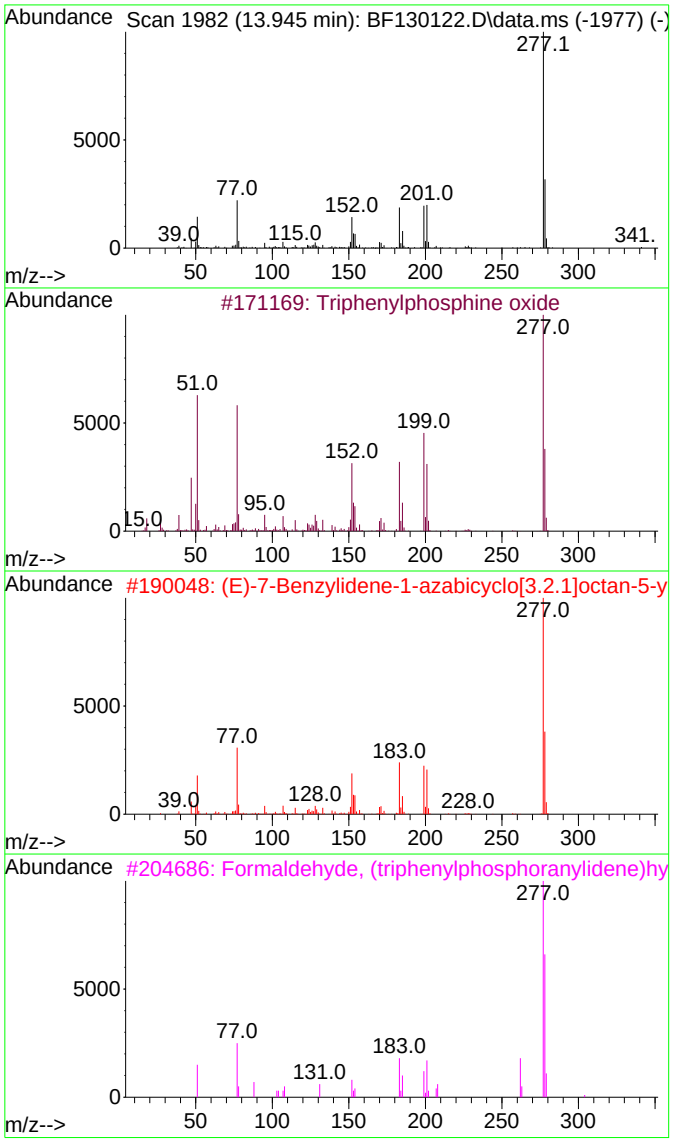
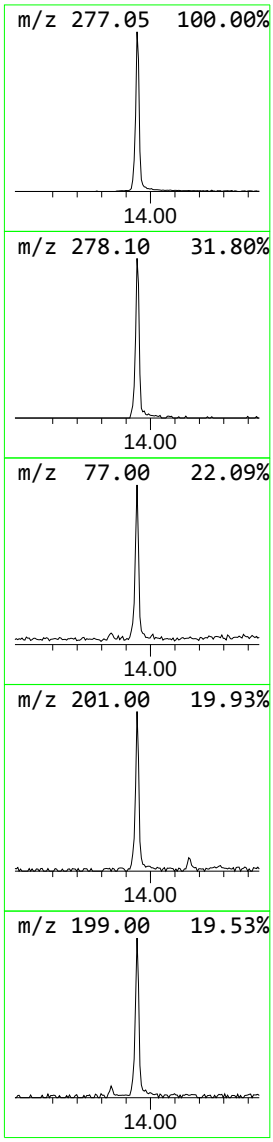
Peak Number 4 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	3.78 ng	231614	Chrysene-d12	13.839

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	42
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	37
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	25





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-...	4.892	11.5	ng	696054	1	6.704	1211620	20.0
n-Hexadecanoic ...	11.745	2.4	ng	205059	4	11.216	1710650	20.0
Behenic alcohol	13.751	2.4	ng	144413	5	13.839	1224900	20.0
Triphenylphosph...	13.945	3.8	ng	231614	5	13.839	1224900	20.0