LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128903.D
Acq On : 21 Jun 2022 18:02
Operator : CG\JU
Sample : N3421-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	452	456	465	rVB	23668	31114	1.12%	0.169%
2	5.387	524	527	545	rBV	2121040	2075266	74.66%	11.290%
3	6.410	697	701	713	rBV	2219930	2113119	76.02%	11.496%
4	6.751	755	759	762	rBV	785464	606674	21.83%	3.300%
5	6.869	768	779	781	rBV4	11685	34235	1.23%	0.186%
6	7.322	850	856	859	rBV	1428773	1432221	51.53%	7.792%
7	8.034	972	977	981	rBV	908866	788667	28.37%	4.291%
8	9.110	1155	1160	1163	rBV	2829880	2694576	96.94%	14.659%
9	9.386	1201	1207	1216	rBV	383892	316924	11.40%	1.724%
10	9.786	1271	1275	1279	rVB	1039536	914893	32.92%	4.977%
11	10.580	1406	1410	1413	rBV	1937660	1628844	58.60%	8.861%
12	11.275	1524	1528	1532	rBV	1217423	970834	34.93%	5.282%
13	11.345	1532	1540	1543	rVB4	28120	29978	1.08%	0.163%
14	11.669	1591	1595	1598	rVB	38150	32754	1.18%	0.178%
15	11.810	1614	1619	1629	rBV2	123308	186120	6.70%	1.013%
16	12.416	1718	1722	1726	rBV	82888	75061	2.70%	0.408%
17	12.592	1746	1752	1762	rBV2	42585	71209	2.56%	0.387%
18	12.863	1793	1798	1801	rBV	3136405	2779518	100.00%	15.121%
19	13.833	1956	1963	1972	rBV4	89777	285297	10.26%	1.552%
20	13.916	1974	1977	1981	rVB	738671	638528	22.97%	3.474%
21	14.010	1988	1993	1999	rVB	121930	124254	4.47%	0.676%
22	14.233	2029	2031	2039	rVB	35634	33652	1.21%	0.183%
23	15.357	2217	2222	2229	rBV	448882	517865	18.63%	2.817%

Sum of corrected areas: 18381603

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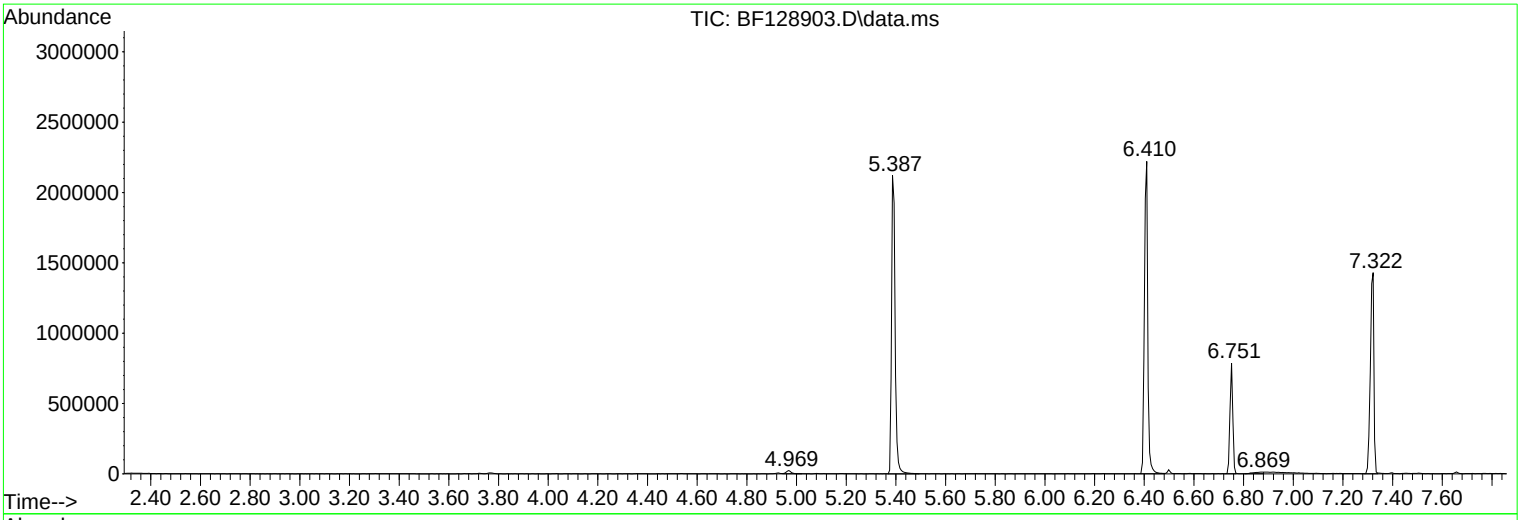
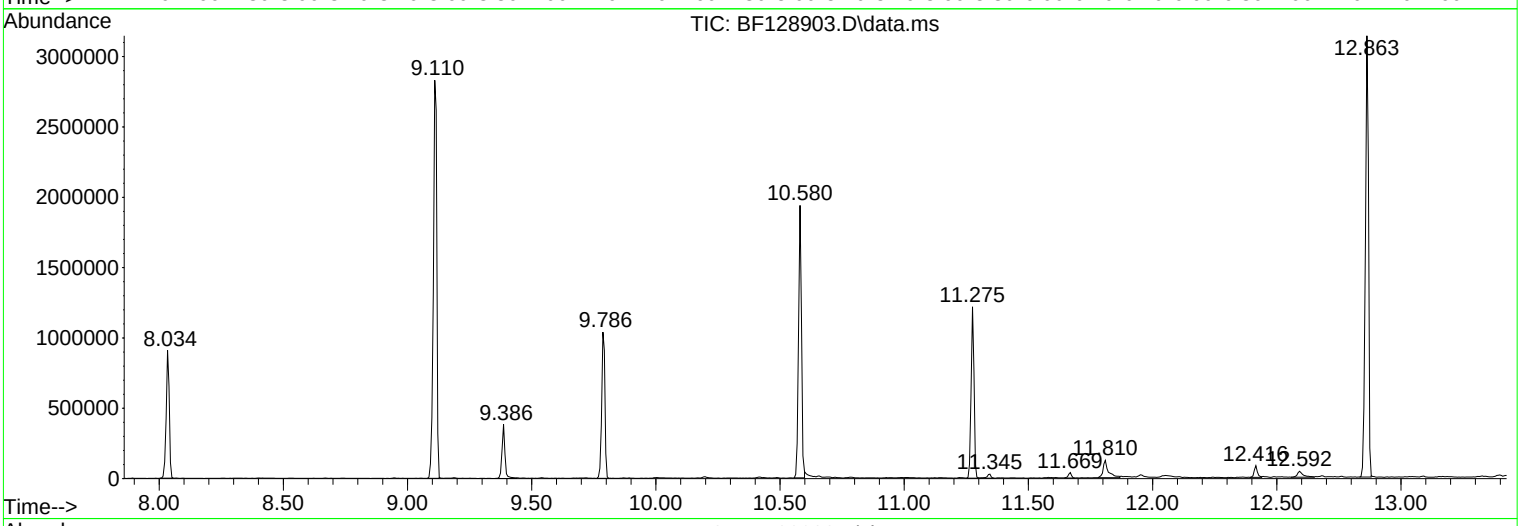
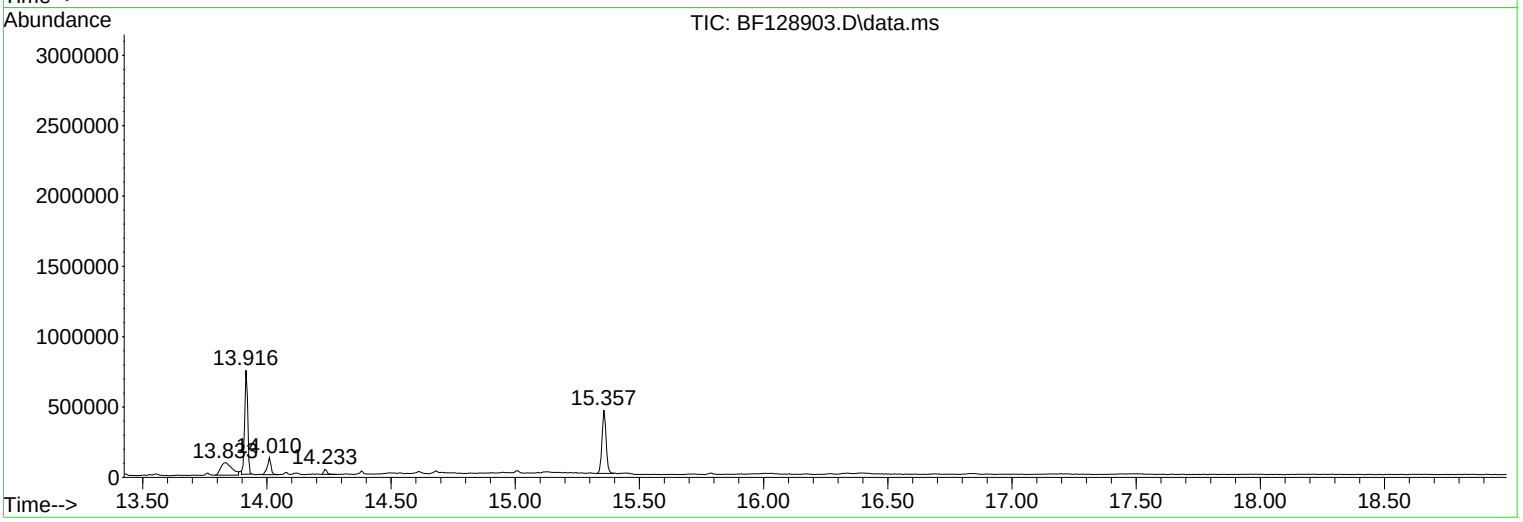
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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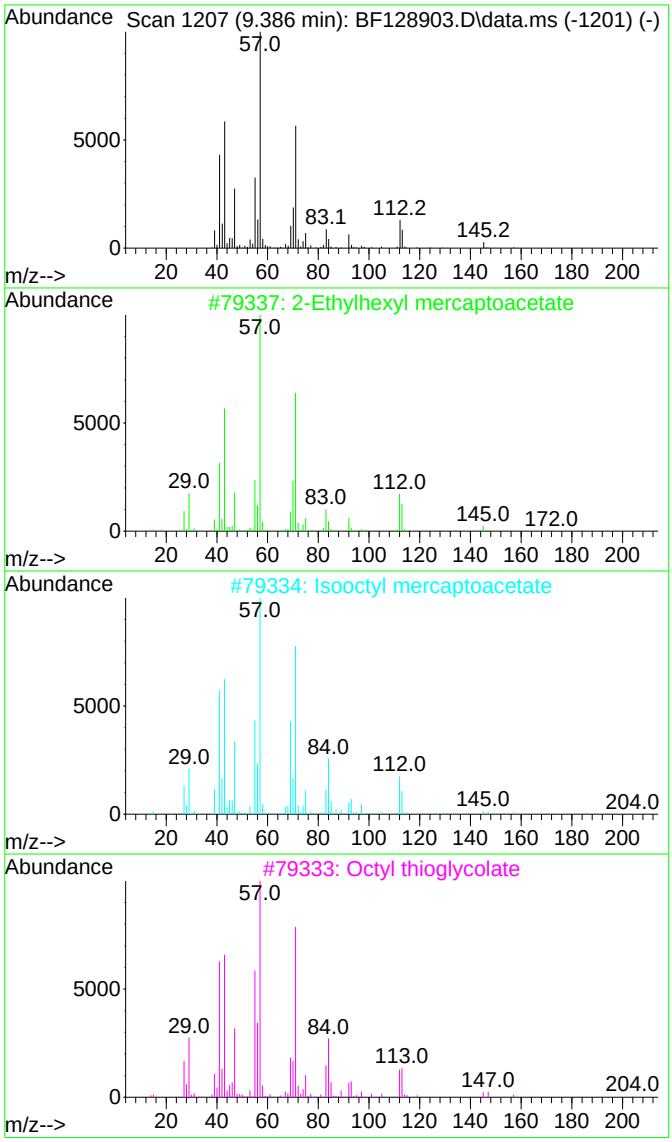
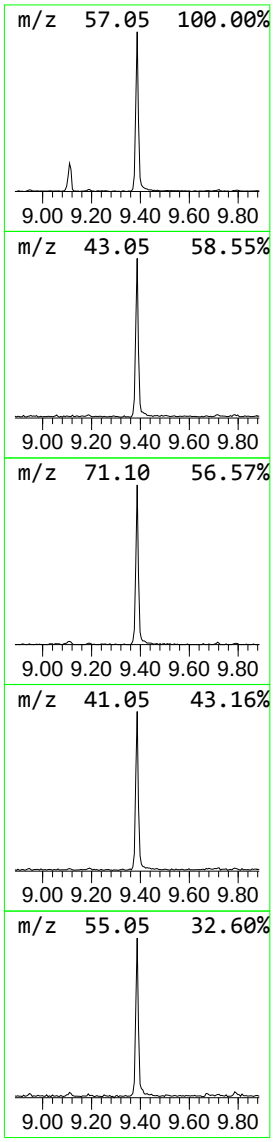
Peak Number 1 2-Ethylhexyl mercaptoacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	6.93 ng	316924	Acenaphthene-d10	9.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	86
2	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	72
3	Octyl thioglycolate	204	C10H20O2S	007664-80-4	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	53
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	53





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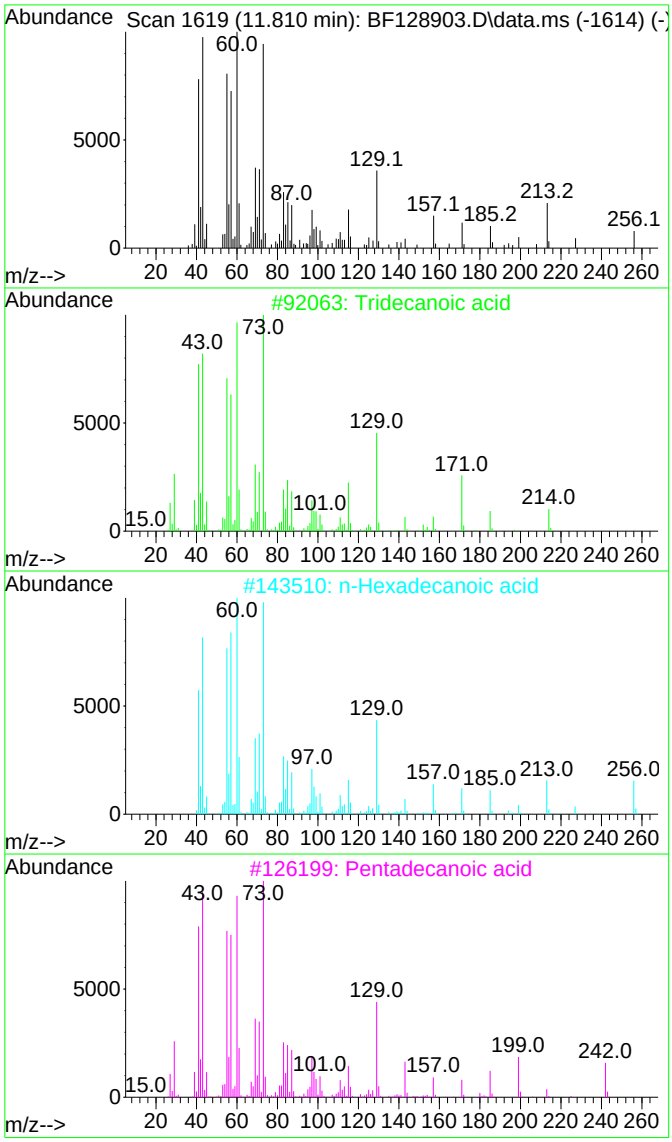
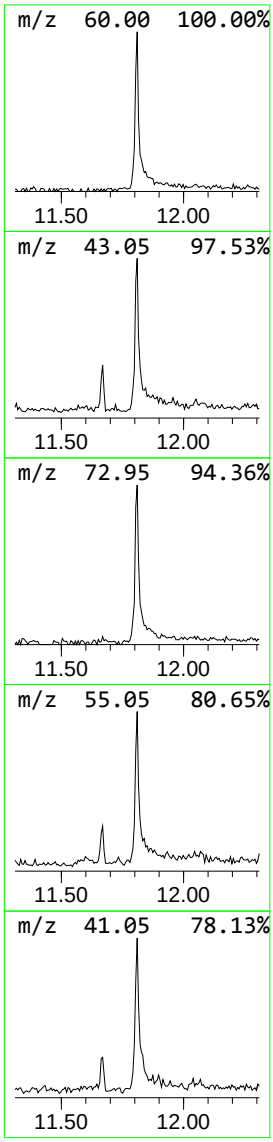
Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	3.83 ng	186120	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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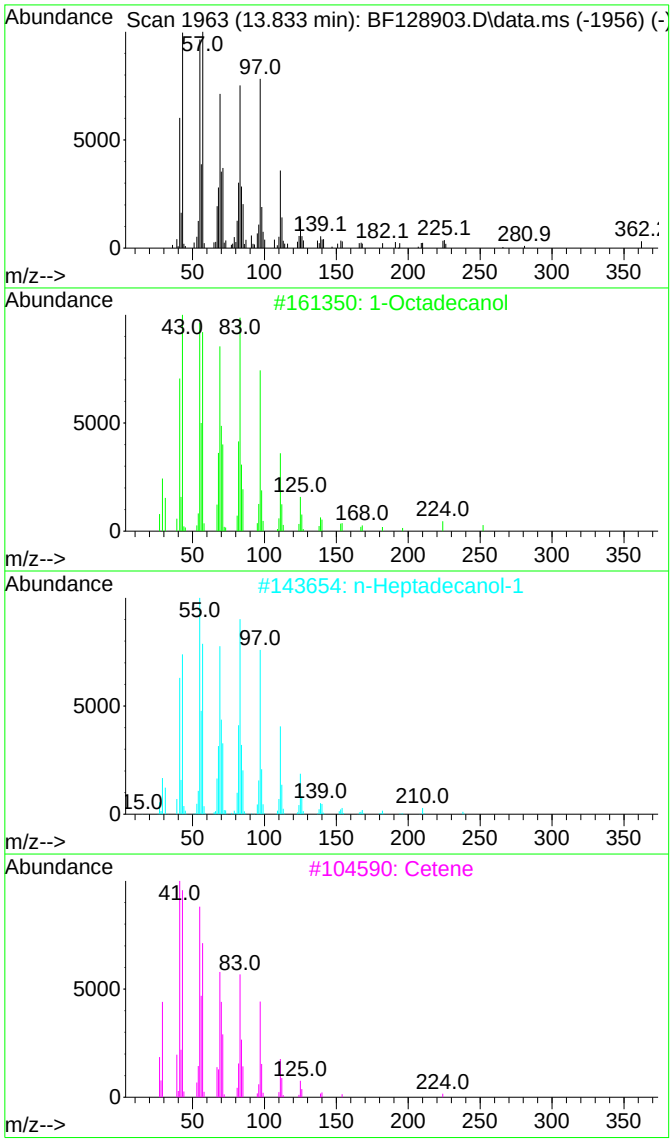
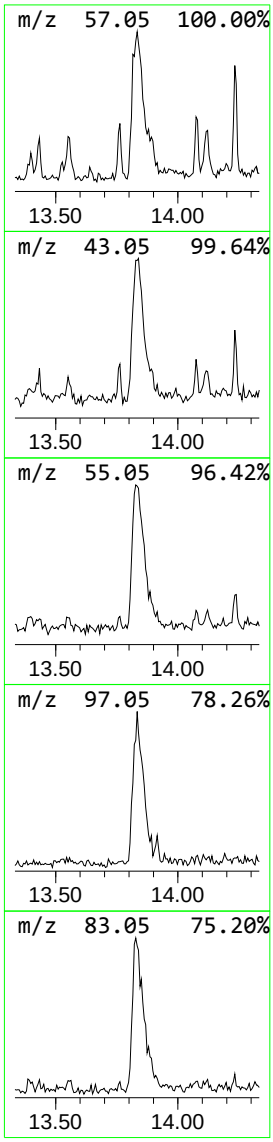
Peak Number 3 1-Octadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	8.94 ng	285297	Chrysene-d12	13.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3	Cetene	224	C16H32	000629-73-2	93
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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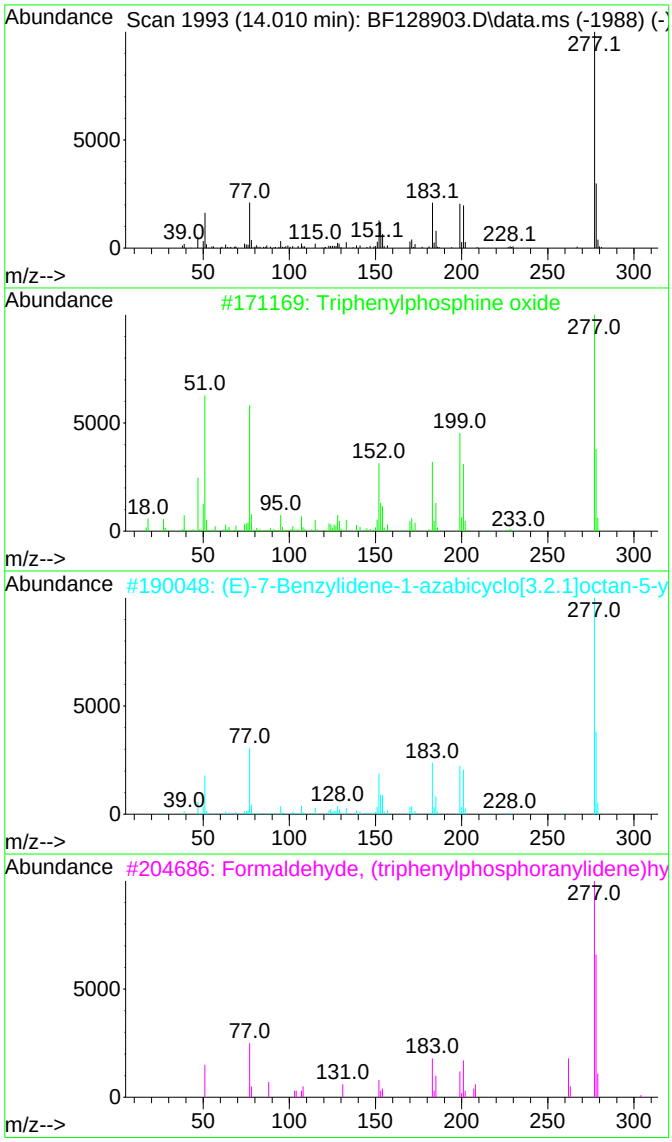
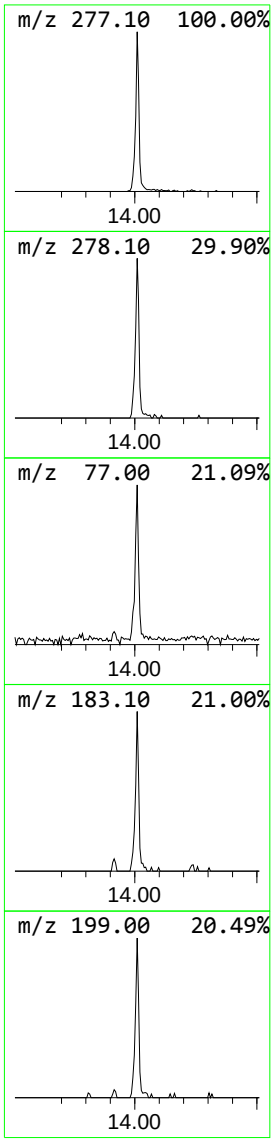
Peak Number 4 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	3.89 ng	124254	Chrysene-d12	13.916

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	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	38
5	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	38





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethylhexyl me...	9.386	6.9	ng	316924	3	9.786	914893	20.0
Tridecanoic acid	11.810	3.8	ng	186120	4	11.275	970834	20.0
1-Octadecanol	13.833	8.9	ng	285297	5	13.916	638528	20.0
Triphenylphosph...	14.010	3.9	ng	124254	5	13.916	638528	20.0