LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129911.D
Acq On : 19 Aug 2022 14:39
Operator : CG\JU
Sample : N4214-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-357

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129911.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.822	256	261	268	rVB	44113	65604	2.00%	0.318%
2	5.010	460	463	475	rBV	109271	150067	4.58%	0.727%
3	5.428	531	534	557	rBV	2772650	2735487	83.48%	13.248%
4	6.445	703	707	721	rBV	2808458	2783587	84.95%	13.481%
5	6.792	762	766	772	rBV	915883	755036	23.04%	3.657%
6	7.363	858	863	866	rBV	2051712	1775483	54.18%	8.598%
7	8.075	980	984	987	rBV	1264905	993653	30.32%	4.812%
8	9.151	1161	1167	1170	rBV	4037889	3276706	100.00%	15.869%
9	9.833	1279	1283	1286	rBV	1220310	1064508	32.49%	5.155%
10	10.627	1414	1418	1432	rBV	2008818	1684308	51.40%	8.157%
11	11.322	1533	1536	1539	rBV	1094951	890261	27.17%	4.311%
12	11.845	1620	1625	1631	rBV4	66611	116298	3.55%	0.563%
13	12.545	1740	1744	1749	rBV2	61266	98769	3.01%	0.478%
14	12.769	1779	1782	1785	rBV2	44550	51089	1.56%	0.247%
15	12.910	1802	1806	1809	rBV	2786445	2357575	71.95%	11.417%
16	13.804	1954	1958	1970	rVB5	114007	278201	8.49%	1.347%
17	13.974	1983	1987	1990	rBV	754218	678088	20.69%	3.284%
18	14.063	1997	2002	2006	rBV	176204	188719	5.76%	0.914%
19	14.445	2064	2067	2075	rBV3	76698	100631	3.07%	0.487%
20	15.439	2232	2236	2243	rVB	492173	604745	18.46%	2.929%

Sum of corrected areas: 20648815

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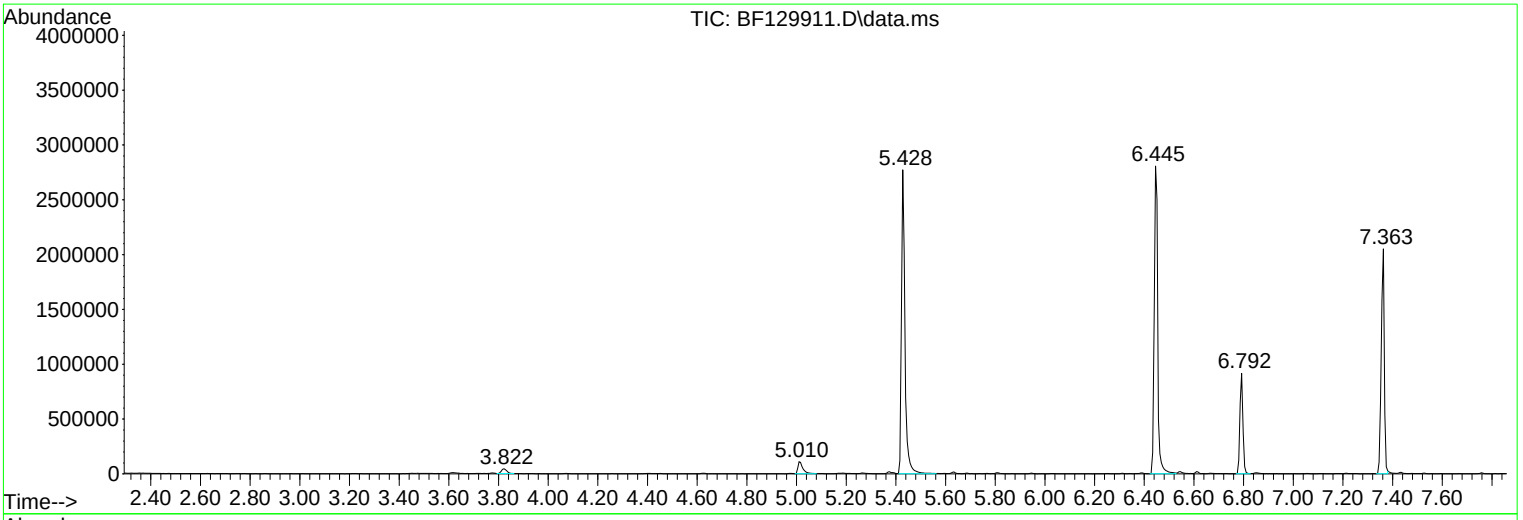
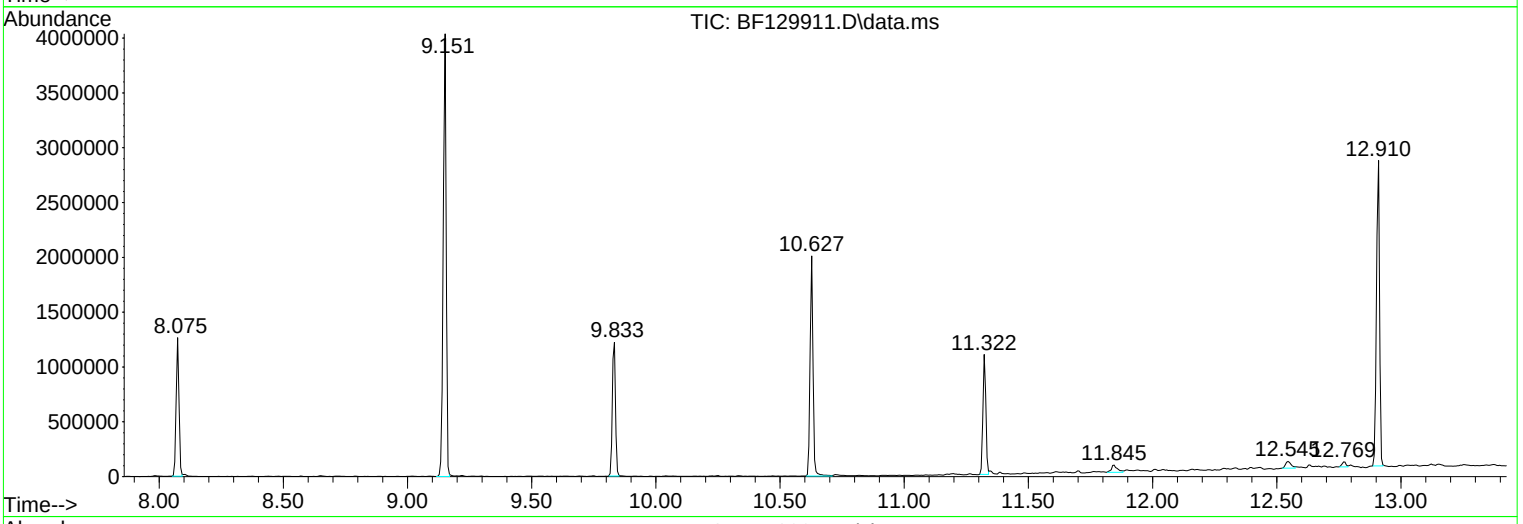
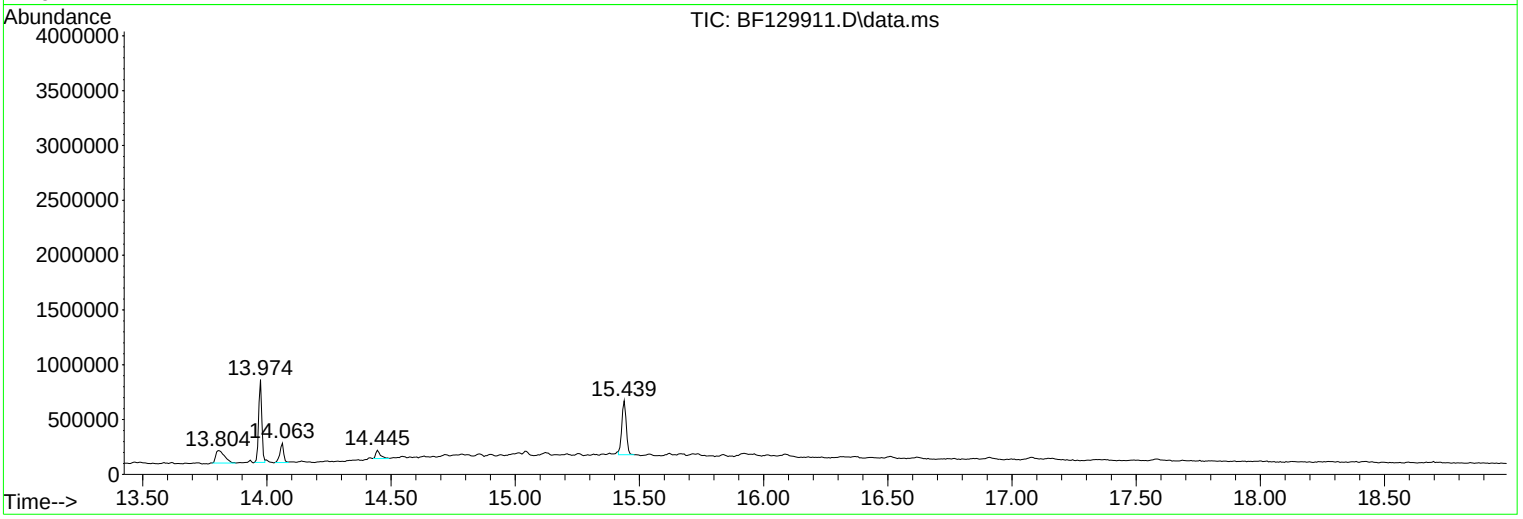
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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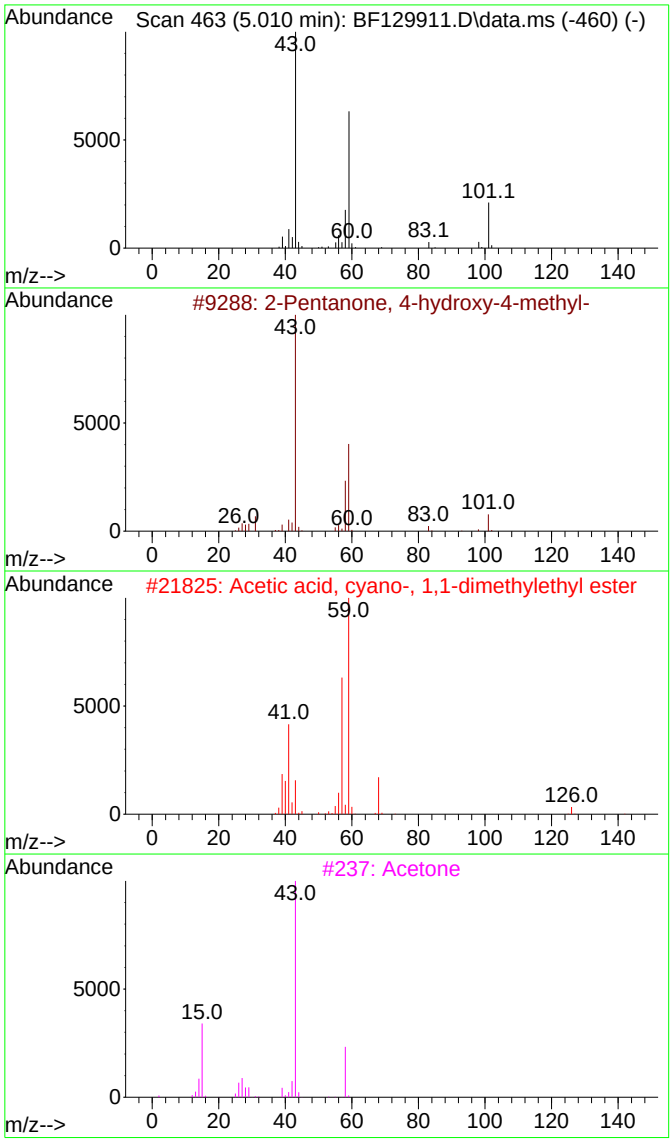
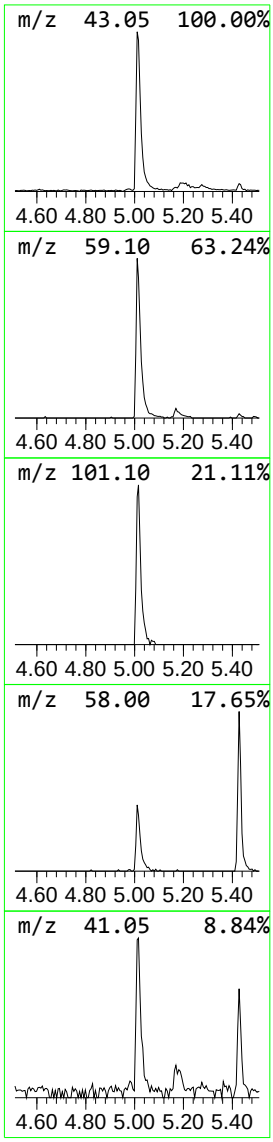
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	3.98 ng	150067	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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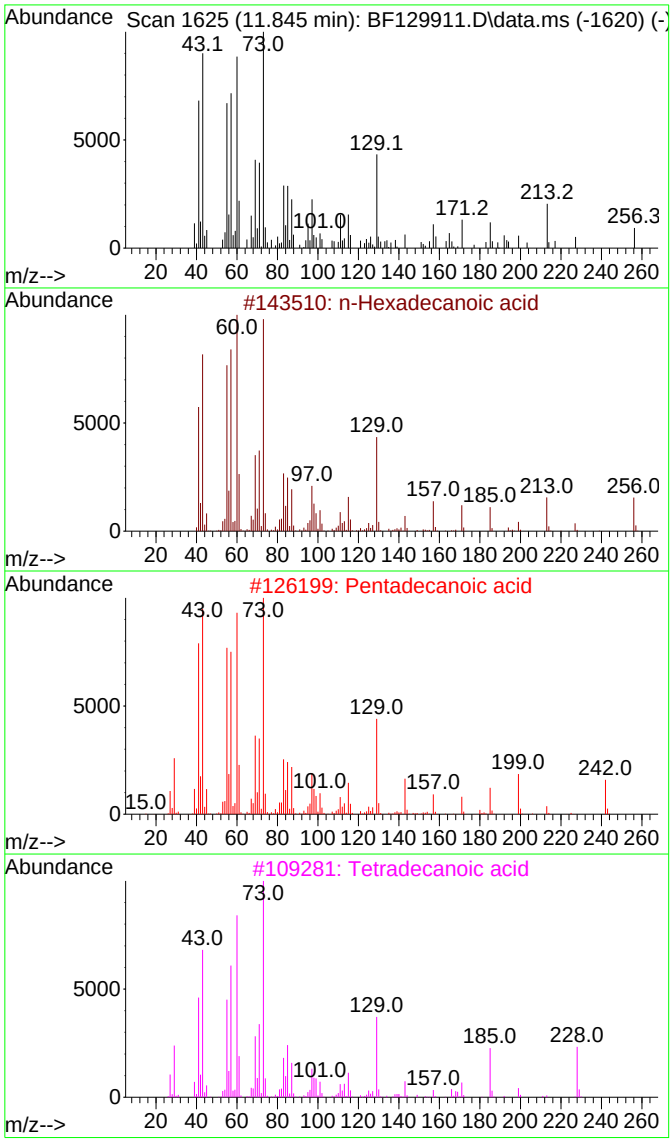
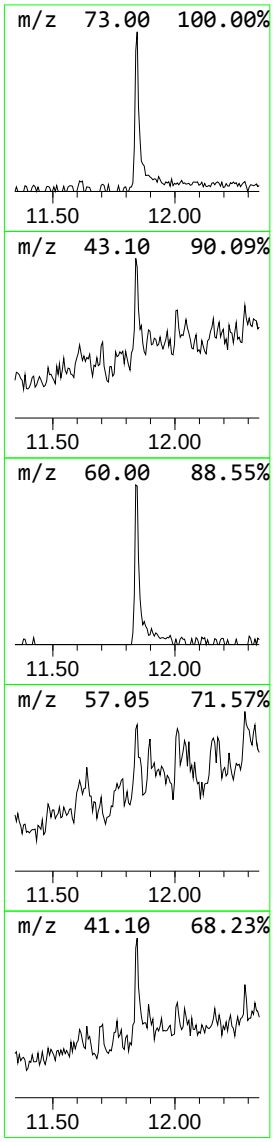
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	2.61 ng	116298	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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ClientSampleId :
ETGI-357

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TIC Library : C:\Database\NIST20.L
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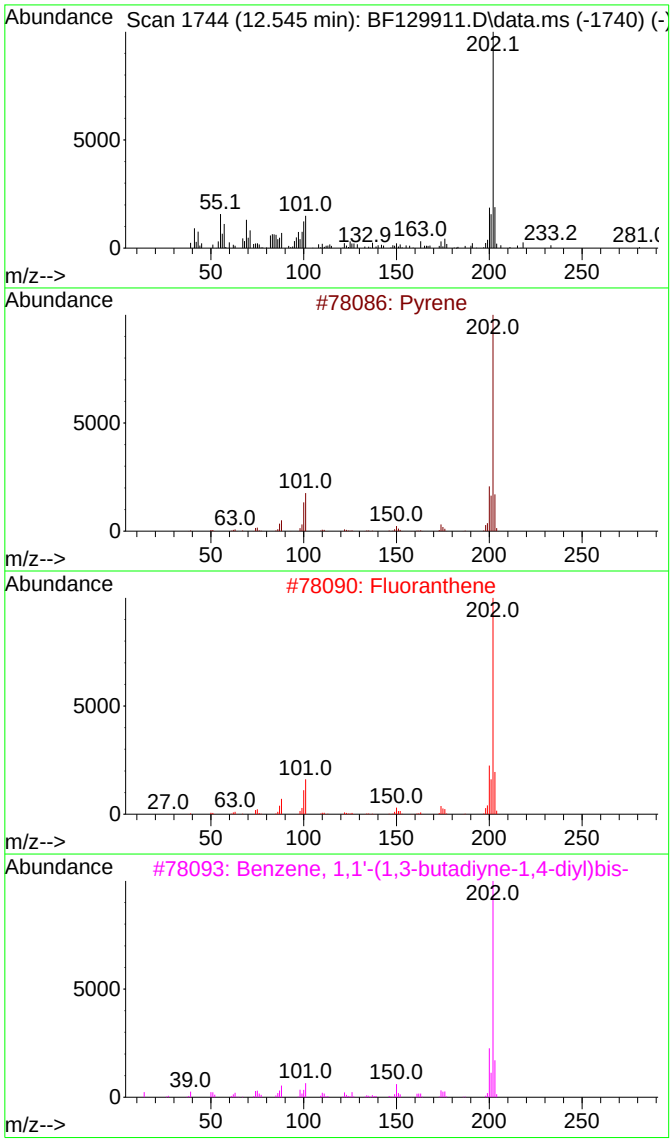
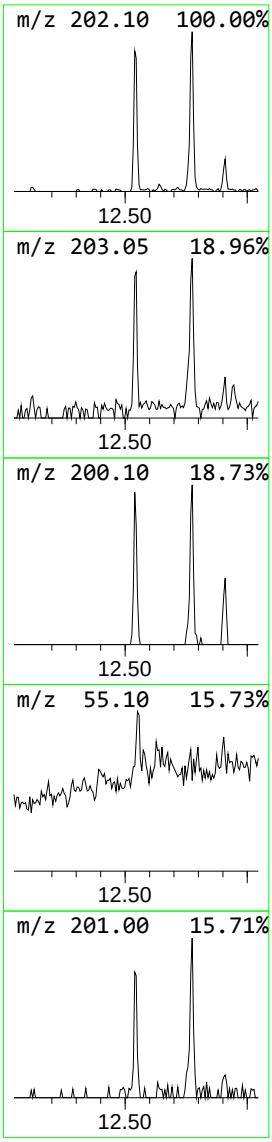
****
Peak Number 3 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	2.22 ng	98769	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	93
2	Fluoranthene	202	C16H10	000206-44-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	72
5	Methyl 3-indolepropionate, TMS d...	275	C15H21NO2Si	056196-72-6	45





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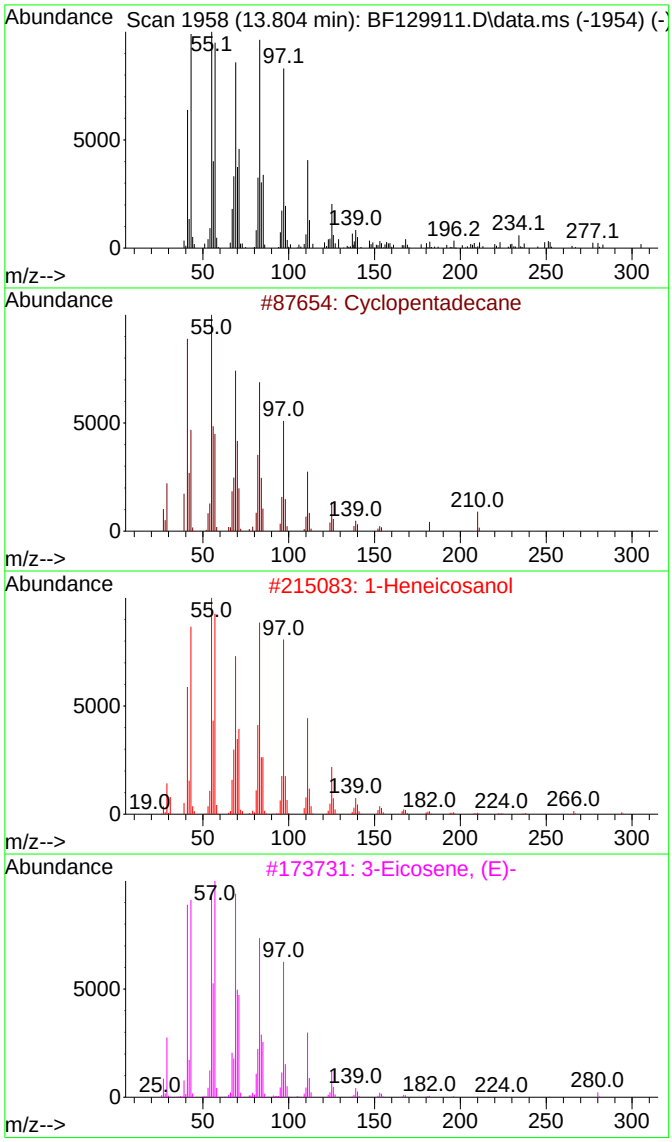
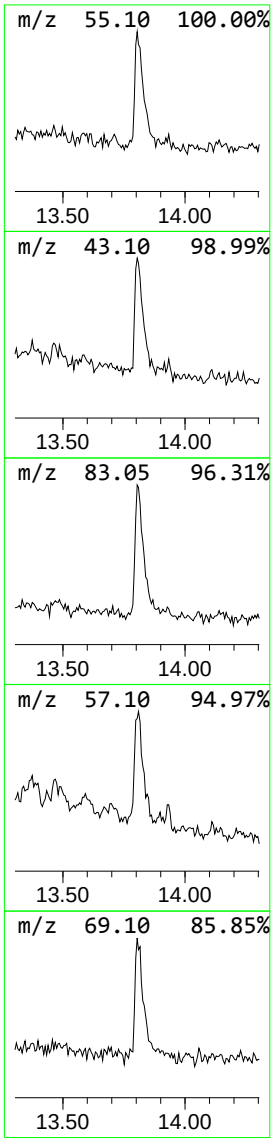
****

Peak Number 4 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	8.21 ng	278201	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





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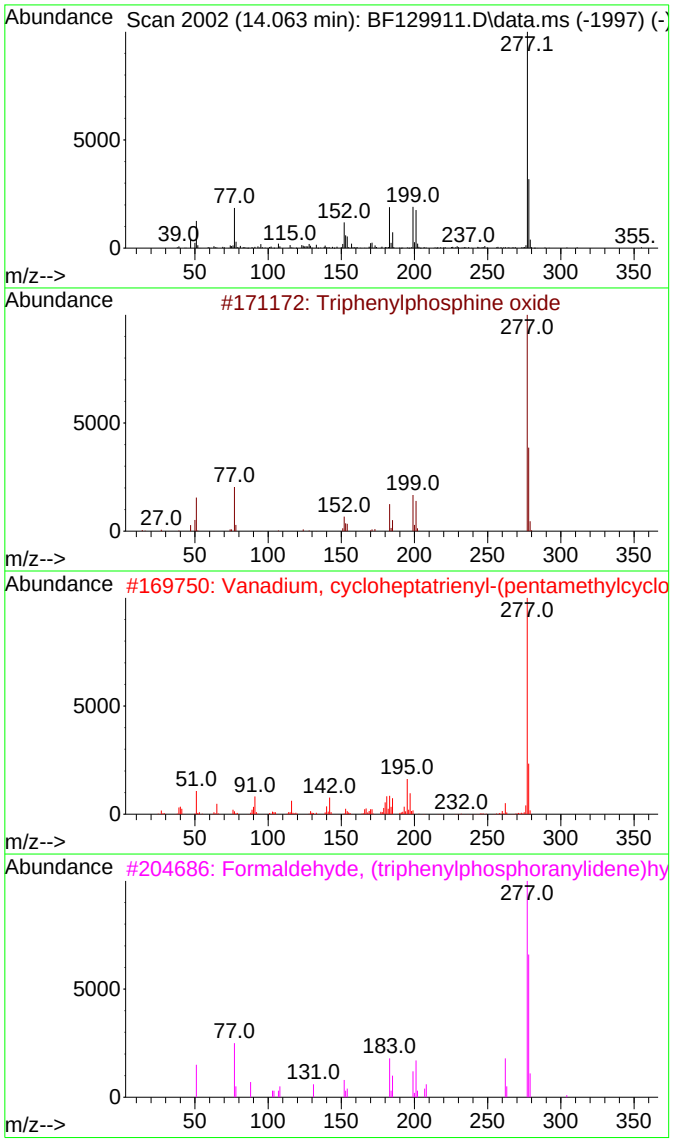
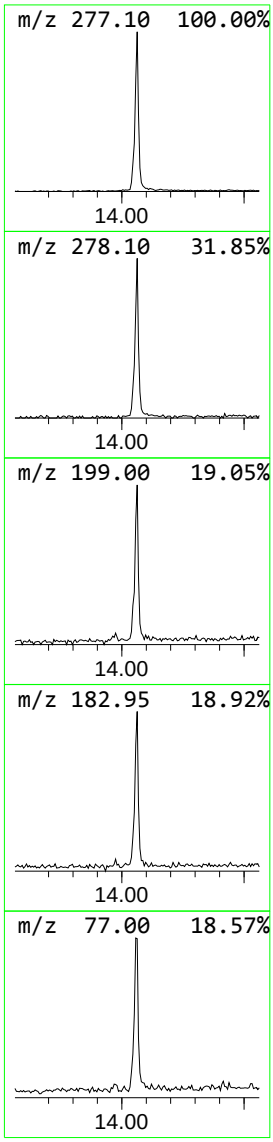
****
Peak Number 5 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	5.57 ng	188719	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	50
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	49
5	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	40





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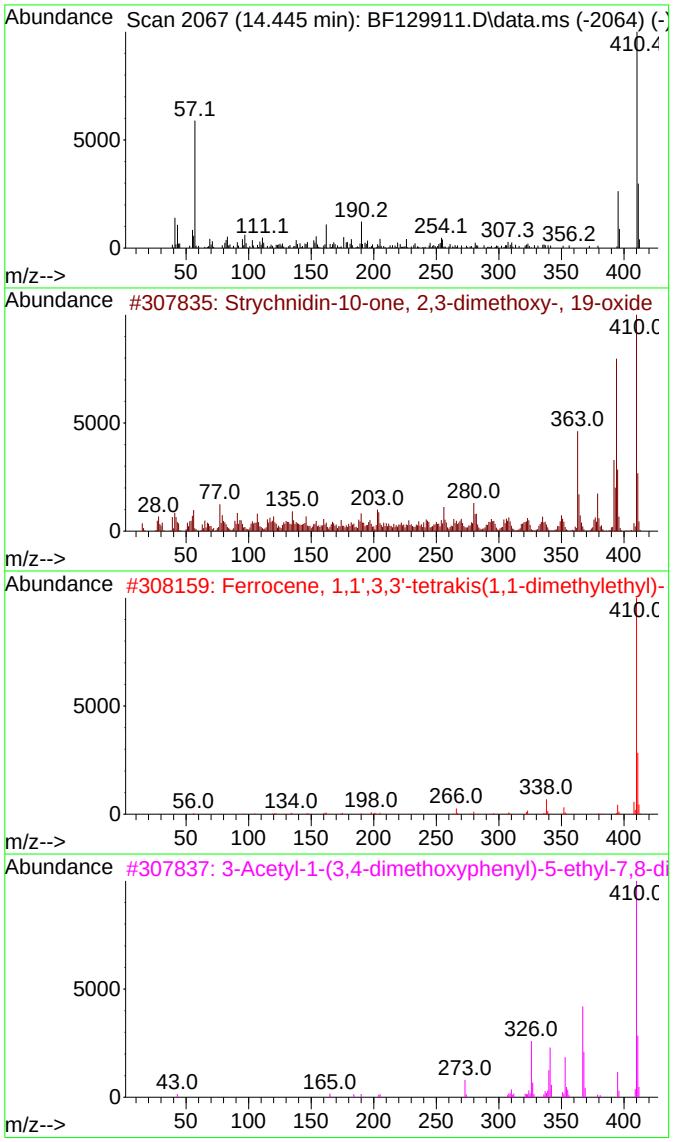
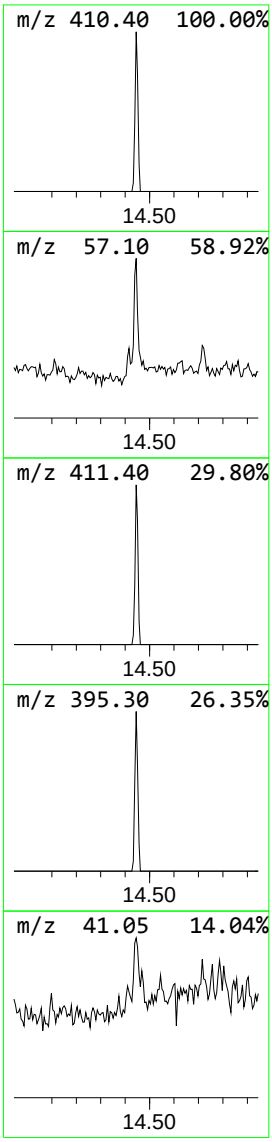
****
Peak Number 6 Strychnidin-10-one, 2,3-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	2.97 ng	100631	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Strychnidin-10-one, 2,3-dimethox...	410	C23H26N2O5	017301-81-4	72
2	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	58
3	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	53
4	6,9-Methanobenzo[h]pentaphene-5,...	410	C27H22O4	057427-50-6	40
5	1,1':2',1''-Terphenyl, 3',4'-dim...	410	C32H26	020143-37-7	7





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-...	5.010	4.0	ng	150067	1	6.792	755036	20.0
n-Hexadecanoic ...	11.845	2.6	ng	116298	4	11.322	890261	20.0
Benzene, 1,1'-(...	12.545	2.2	ng	98769	4	11.322	890261	20.0
Cyclopentadecane	13.804	8.2	ng	278201	5	13.974	678088	20.0
Triphenylphosph...	14.063	5.6	ng	188719	5	13.974	678088	20.0
Strychnidin-10-...	14.445	3.0	ng	100631	5	13.974	678088	20.0