LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132137.D
Acq On : 19 Jan 2023 01:24
Operator : CG\JU
Sample : 01190-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-8

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-BF011823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.348	418	427	437	rBV	1744156	2273716	43.26%	5.432%
2	5.725	486	491	494	rBV	4328547	4548403	86.54%	10.866%
3	6.707	652	658	661	rBV	3988171	4614619	87.80%	11.024%
4	7.095	720	724	727	rBV	1614294	1267562	24.12%	3.028%
5	7.660	814	820	823	rBV	3121458	3074355	58.50%	7.345%
6	8.384	939	943	946	rBV	1816547	1596735	30.38%	3.815%
7	9.460	1121	1126	1129	rBV	5612156	5131004	97.63%	12.258%
8	10.142	1239	1242	1246	rVB	1986850	1844618	35.10%	4.407%
9	10.860	1361	1364	1368	rVB	2044551	1774417	33.76%	4.239%
10	10.942	1373	1378	1381	rBV	3798871	3663957	69.71%	8.753%
11	11.172	1413	1417	1425	rBV	181708	154474	2.94%	0.369%
12	11.642	1493	1497	1501	rBV	2213311	1965557	37.40%	4.696%
13	11.707	1505	1508	1512	rVV3	79574	73308	1.39%	0.175%
14	12.154	1577	1584	1589	rBV	507809	495018	9.42%	1.183%
15	12.866	1699	1705	1707	rBV2	58482	76138	1.45%	0.182%
16	12.942	1715	1718	1724	rBV	134200	127488	2.43%	0.305%
17	13.095	1741	1744	1747	rBV	65333	57335	1.09%	0.137%
18	13.242	1764	1769	1772	rBV	5511599	5255756	100.00%	12.556%
19	13.430	1796	1801	1804	rBV2	54474	66620	1.27%	0.159%
20	14.136	1918	1921	1922	rBV	50217	53624	1.02%	0.128%
21	14.189	1922	1930	1942	rVV7	111509	447468	8.51%	1.069%
22	14.307	1946	1950	1959	rVB	1590426	1517090	28.87%	3.624%
23	14.395	1959	1965	1972	rBV	403266	456933	8.69%	1.092%
24	15.418	2135	2139	2143	rBV	59172	91035	1.73%	0.217%
25	15.907	2216	2222	2235	rVB	884996	1231291	23.43%	2.942%

Sum of corrected areas: 41858521

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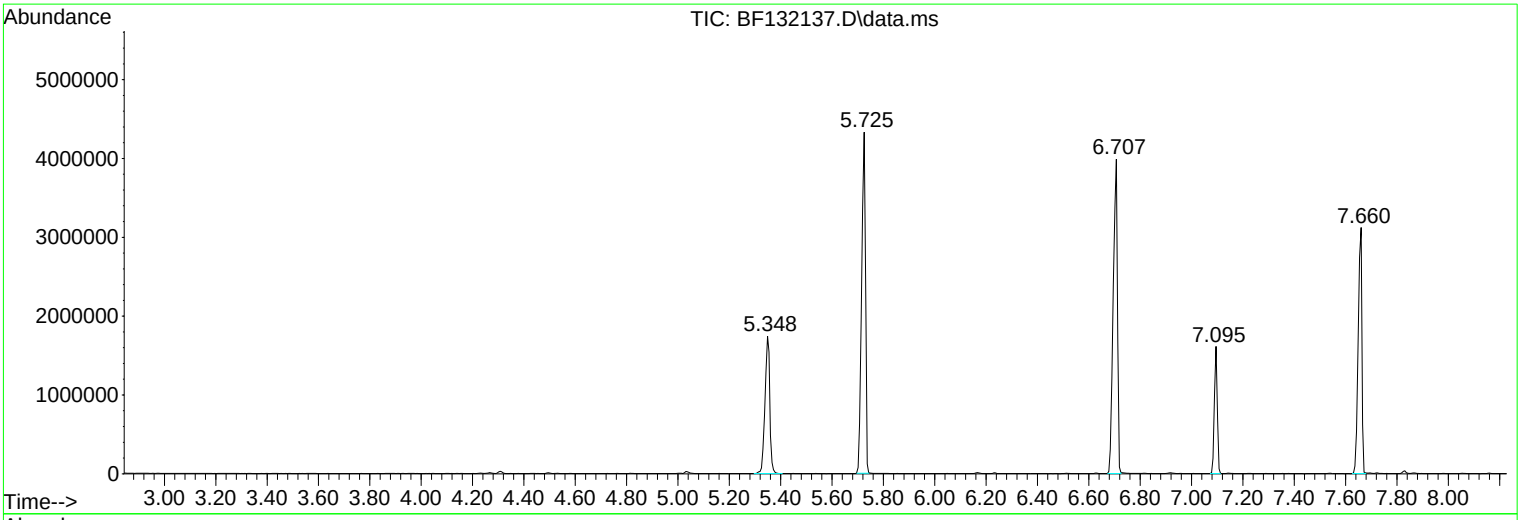
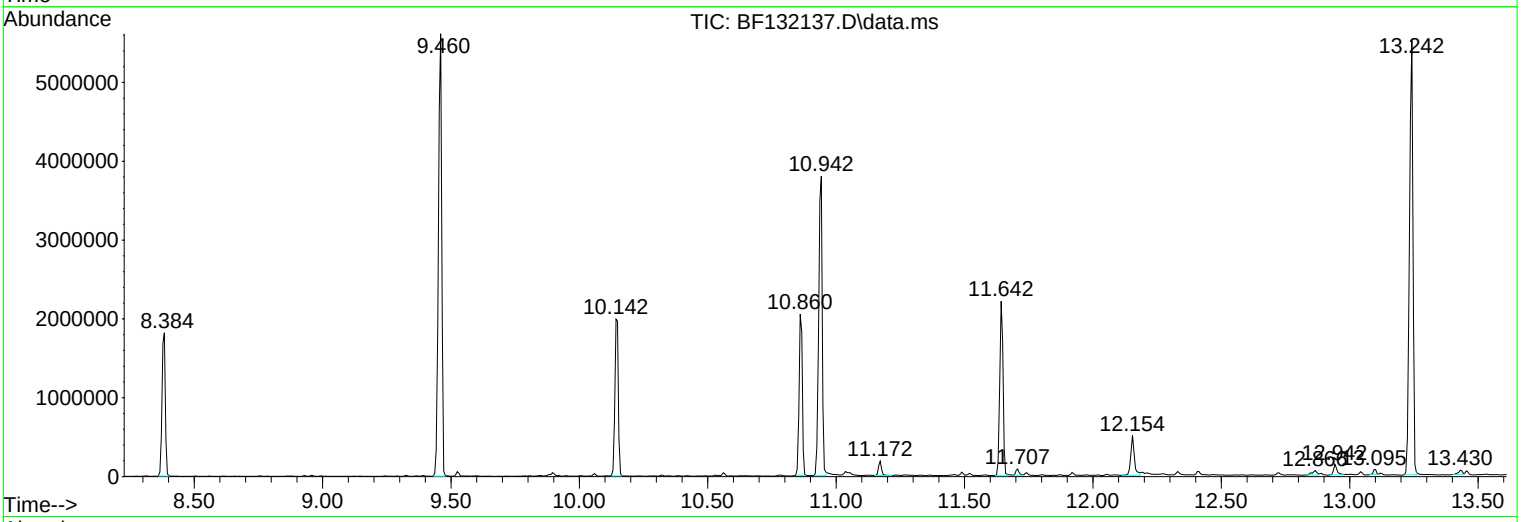
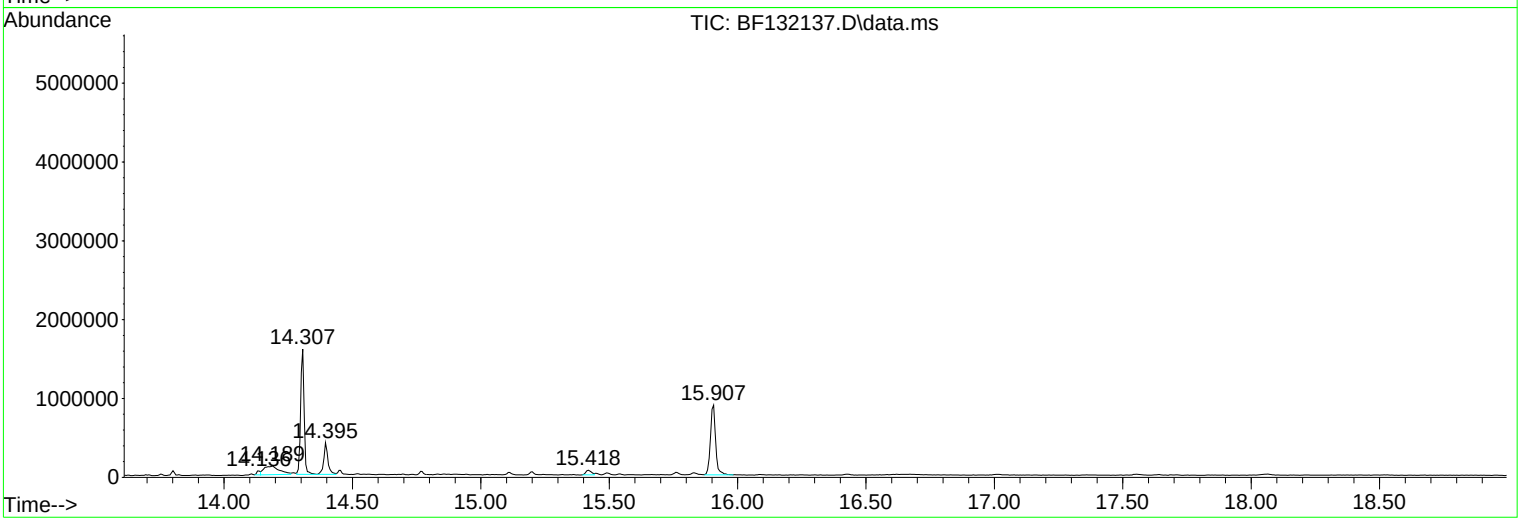
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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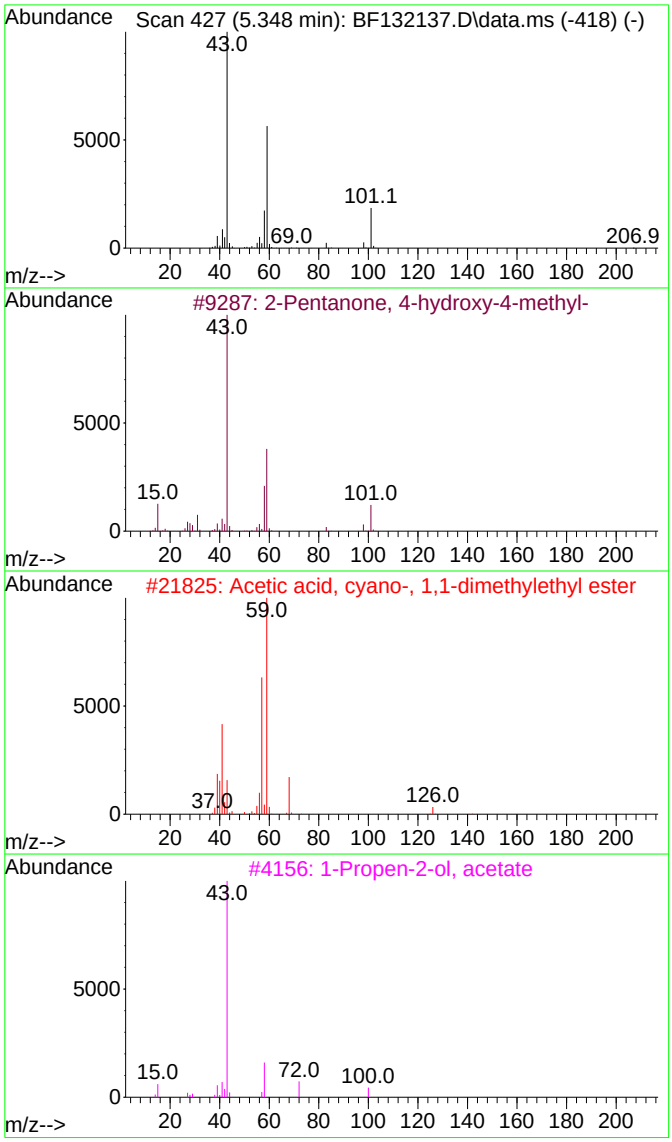
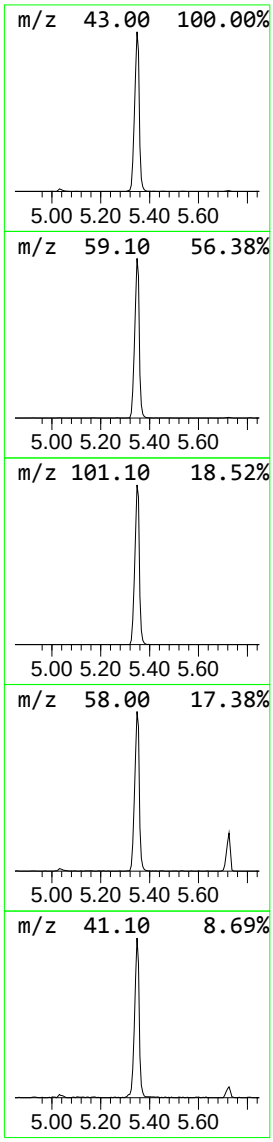
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.348	35.88 ng	2273720	1,4-Dichlorobenzene-d4	7.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Butane	58	C4H10	000106-97-8	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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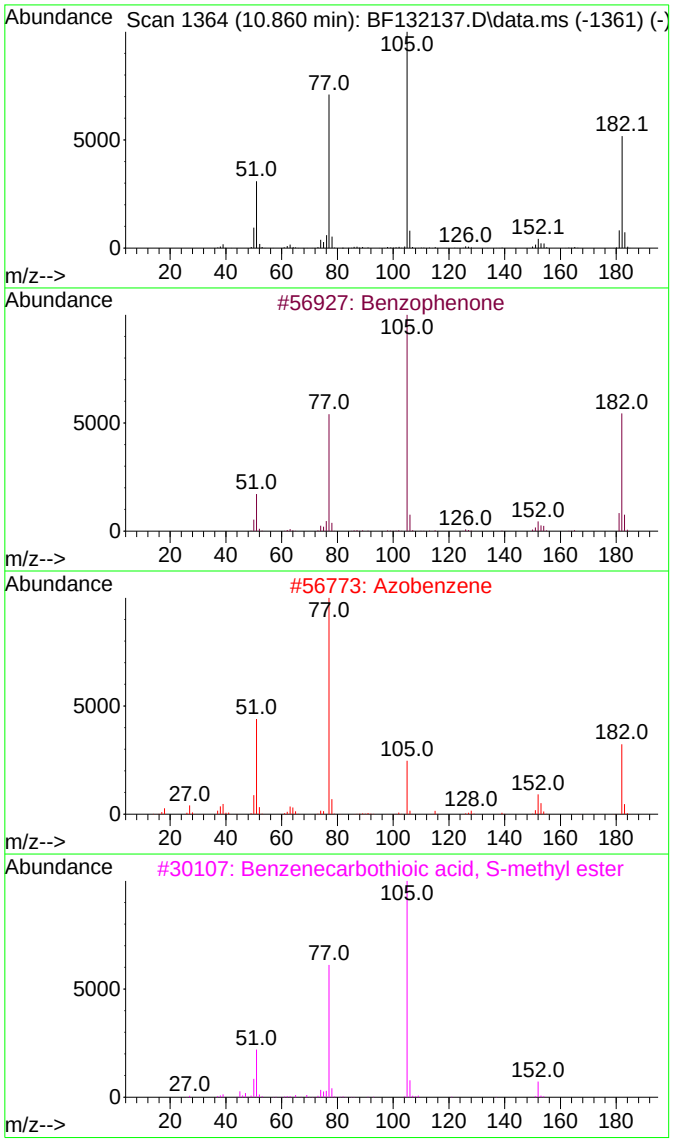
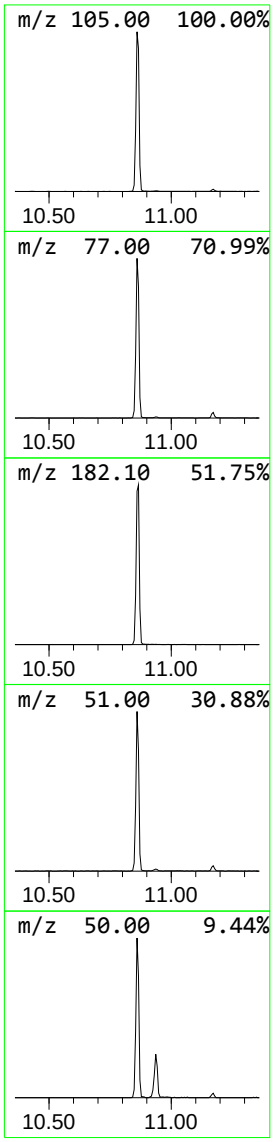
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.860	19.24 ng	1774420	Acenaphthene-d10	10.148

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	50
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50





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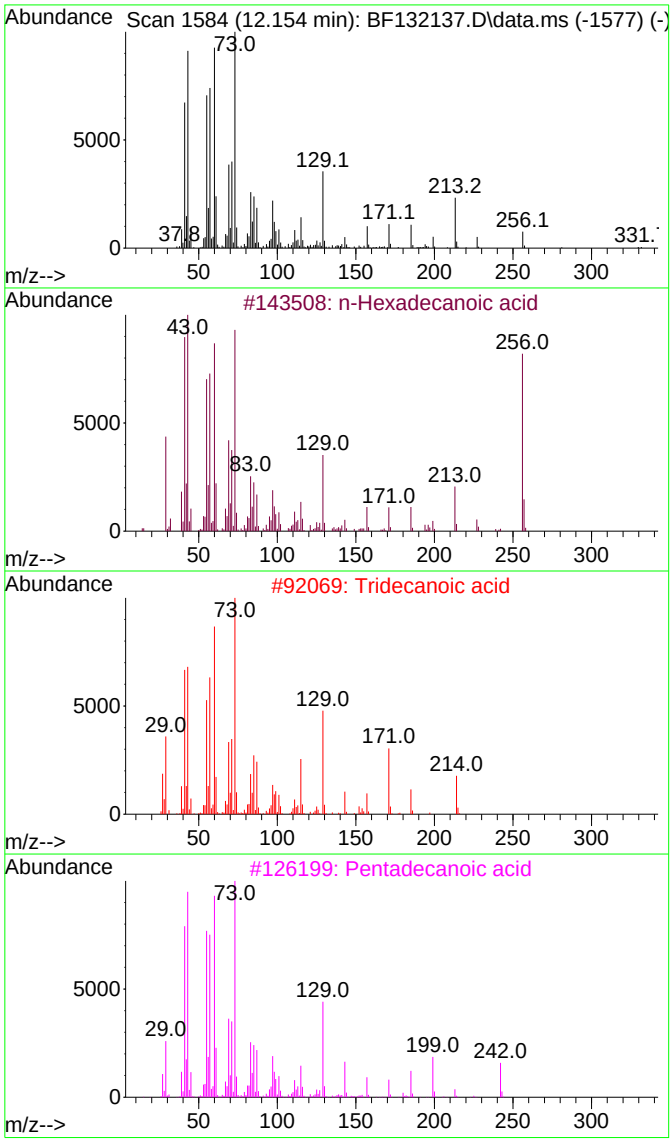
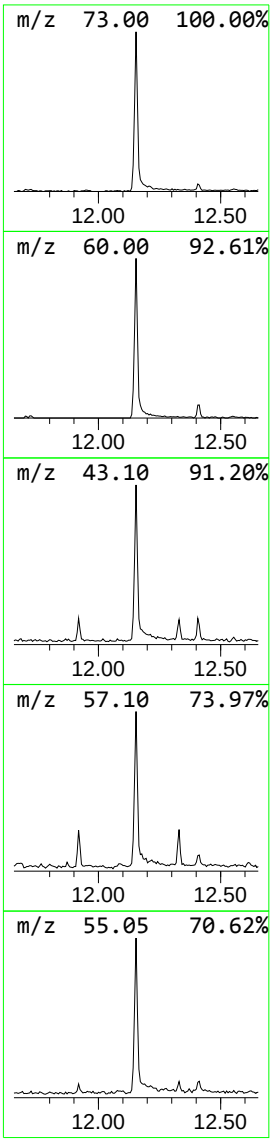
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.154	5.04 ng	495018	Phenanthrene-d10	11.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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TIC Library : C:\Database\NIST20.L
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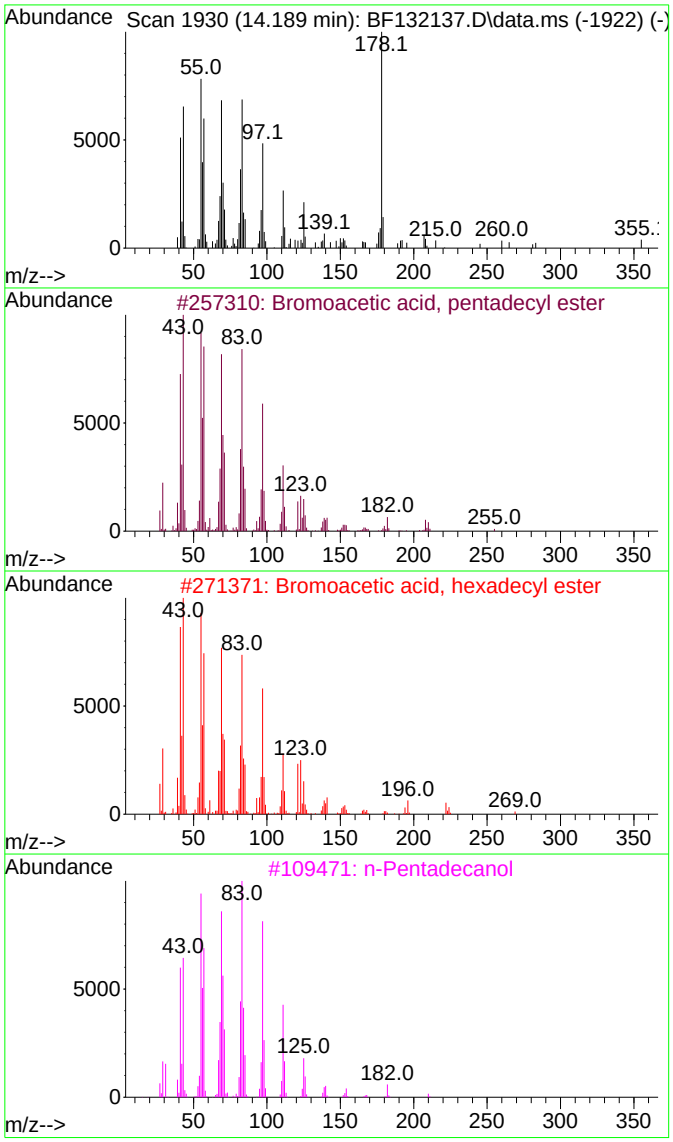
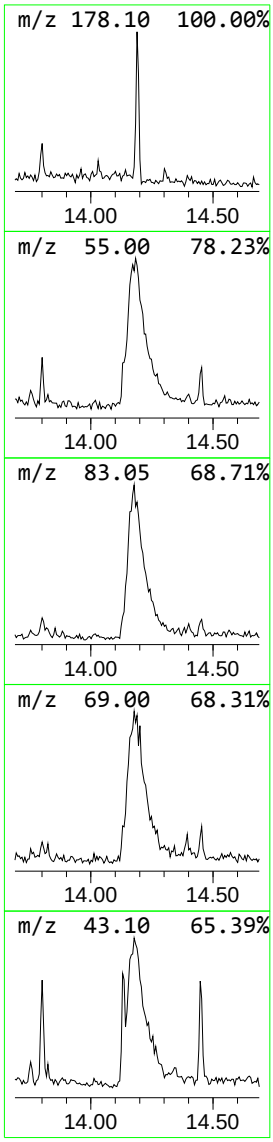
Peak Number 4 unknown14.189 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.189	5.90 ng	447468	Chrysene-d12	14.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	49
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	49
3	n-Pentadecanol	228	C15H32O	000629-76-5	46
4	1-Hexadecanol	242	C16H34O	036653-82-4	46
5	1-Octadecanol	270	C18H38O	000112-92-5	46





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Instrument :
BNA_F
ClientSampleId :
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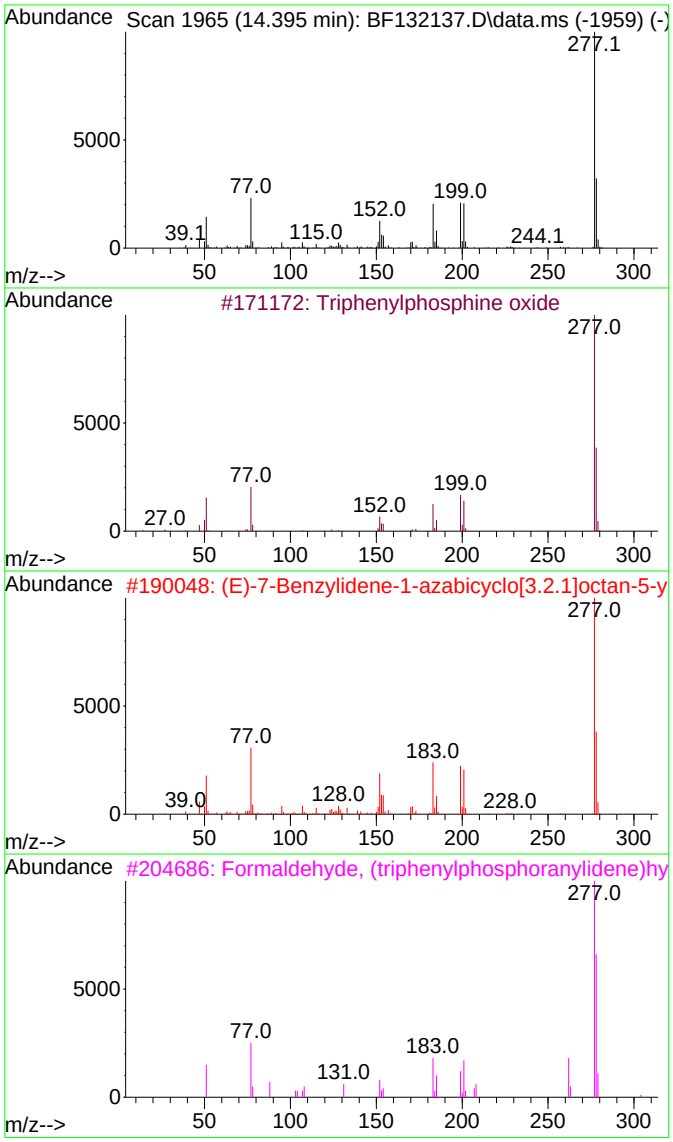
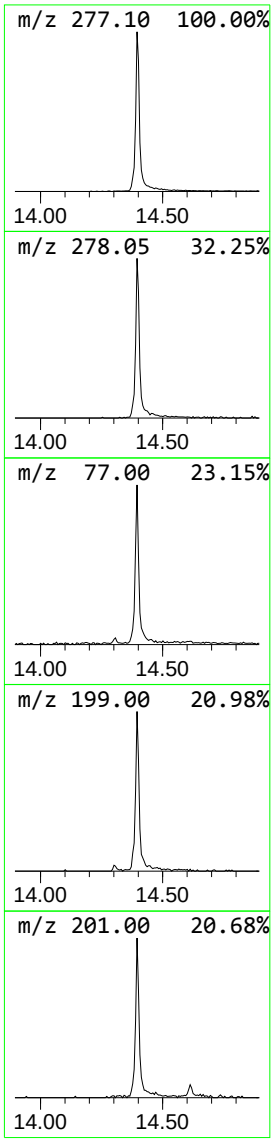
Peak Number 5 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.395	6.02 ng	456933	Chrysene-d12	14.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	76
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
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	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-...	5.348	35.9	ng	2273720	1	7.095	1267560	20.0
Benzophenone	10.860	19.2	ng	1774420	3	10.148	1844620	20.0
n-Hexadecanoic ...	12.154	5.0	ng	495018	4	11.642	1965560	20.0
unknown14.189	14.189	5.9	ng	447468	5	14.307	1517090	20.0
Triphenylphosph...	14.395	6.0	ng	456933	5	14.307	1517090	20.0