LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134340.D
Acq On : 18 Jul 2023 16:18
Operator : CG\JU
Sample : 03597-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	17	rVB	320956	421856	24.71%	3.339%
2	5.081	506	509	518	rVB	19259	25643	1.50%	0.203%
3	5.475	572	576	592	rBV	1399220	1314015	76.97%	10.401%
4	6.481	742	747	763	rBV	1307142	1245213	72.94%	9.856%
5	6.675	775	780	788	rBV	13678	22971	1.35%	0.182%
6	6.840	804	808	816	rBV	515479	440096	25.78%	3.483%
7	7.398	899	903	906	rBV	973525	807001	47.27%	6.388%
8	8.116	1021	1025	1031	rBV	802172	613116	35.91%	4.853%
9	9.192	1204	1208	1211	rBV	2267576	1707260	100.00%	13.513%
10	9.304	1224	1227	1236	rVB	24899	25915	1.52%	0.205%
11	9.875	1320	1324	1327	rBV	899499	719779	42.16%	5.697%
12	10.669	1455	1459	1474	rBV	1397062	1228879	71.98%	9.727%
13	11.369	1574	1578	1581	rBV	973442	790292	46.29%	6.255%
14	11.433	1587	1589	1594	rVB3	26399	23053	1.35%	0.182%
15	11.898	1665	1668	1677	rBV	207913	205179	12.02%	1.624%
16	12.592	1783	1786	1797	rBV	23399	31397	1.84%	0.249%
17	12.692	1800	1803	1807	rBV2	36583	44213	2.59%	0.350%
18	12.821	1821	1825	1829	rVB	23573	24111	1.41%	0.191%
19	12.963	1845	1849	1853	rBV	1621479	1528415	89.52%	12.098%
20	13.539	1942	1947	1949	rBV3	15461	22971	1.35%	0.182%
21	13.892	2001	2007	2015	rBV4	81680	171006	10.02%	1.354%
22	14.033	2027	2031	2039	rVB	594985	597497	35.00%	4.729%
23	14.121	2042	2046	2051	rBV	129626	135281	7.92%	1.071%
24	14.498	2107	2110	2112	rBV4	22219	22201	1.30%	0.176%
25	15.539	2282	2287	2296	rVB	348776	466455	27.32%	3.692%

Sum of corrected areas: 12633815

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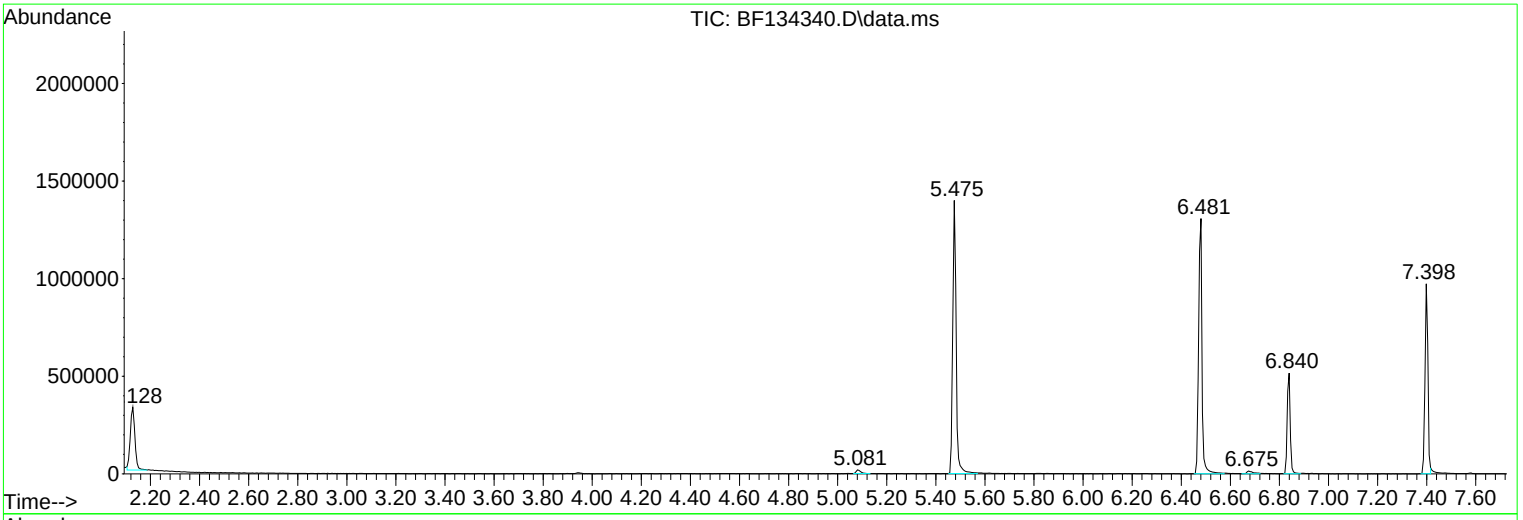
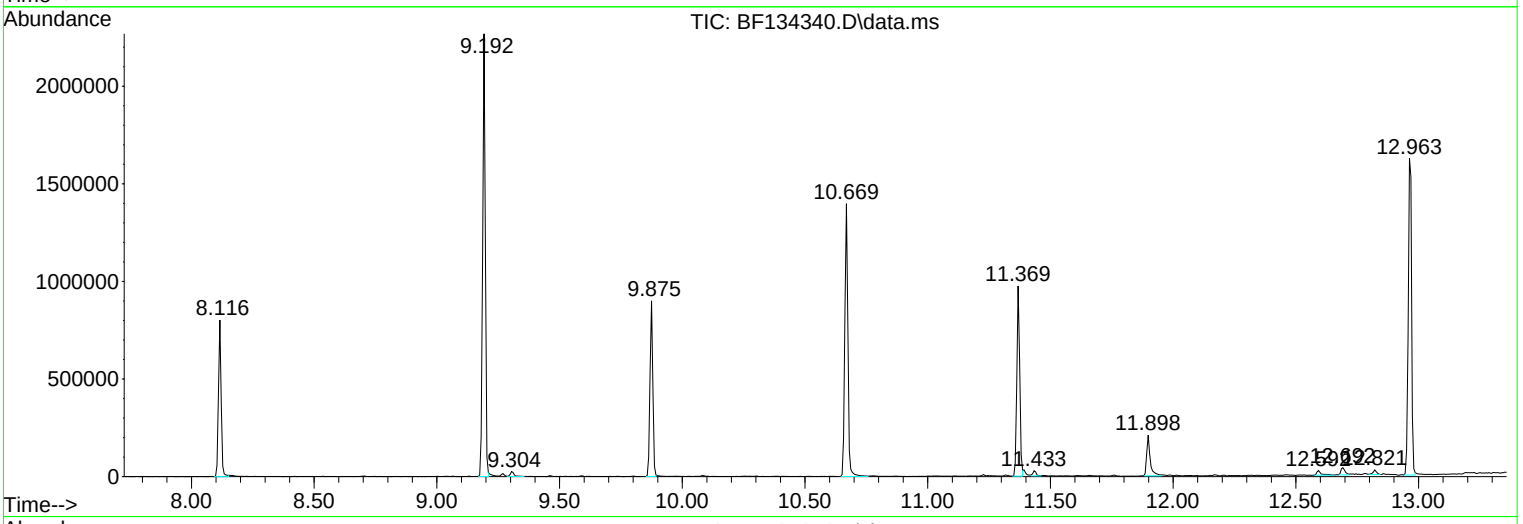
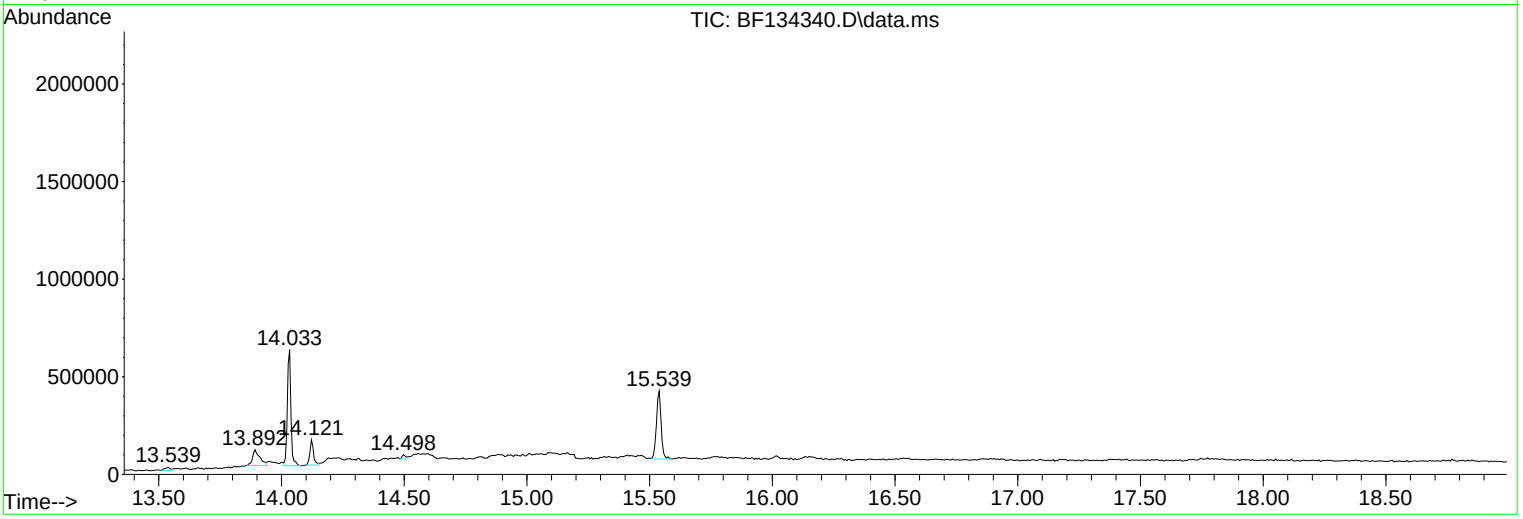
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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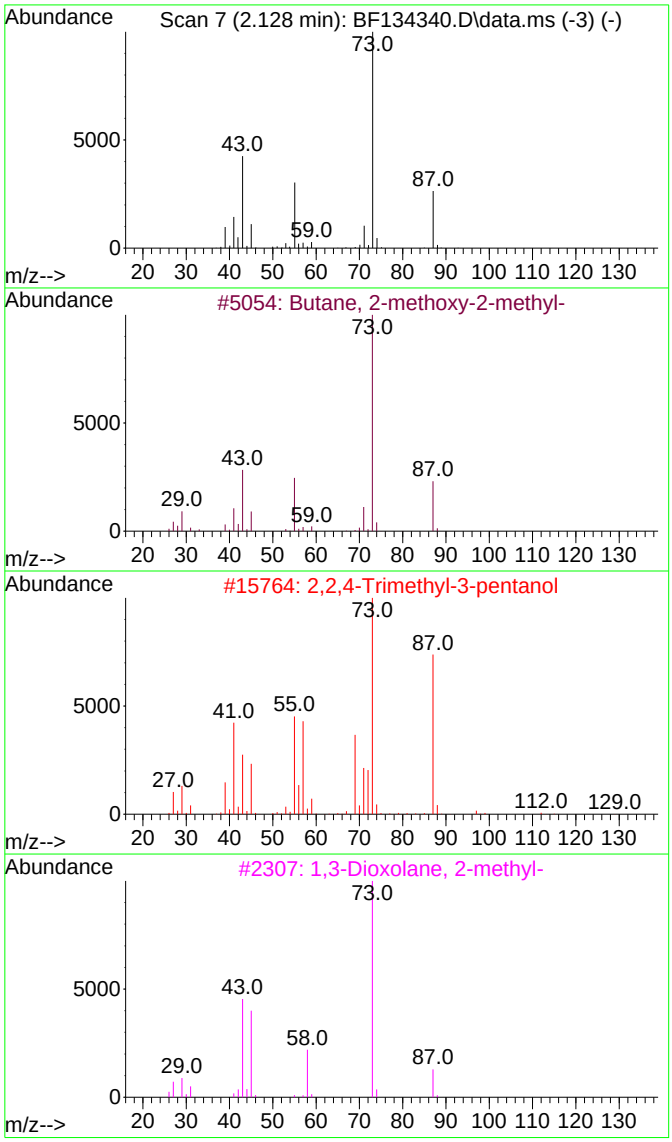
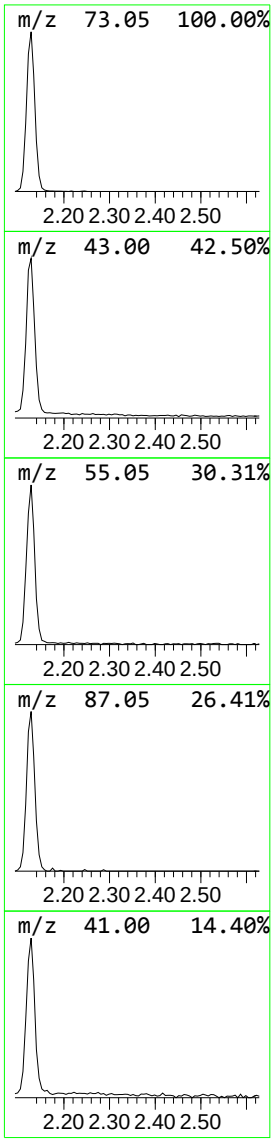
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	19.17 ng	421856	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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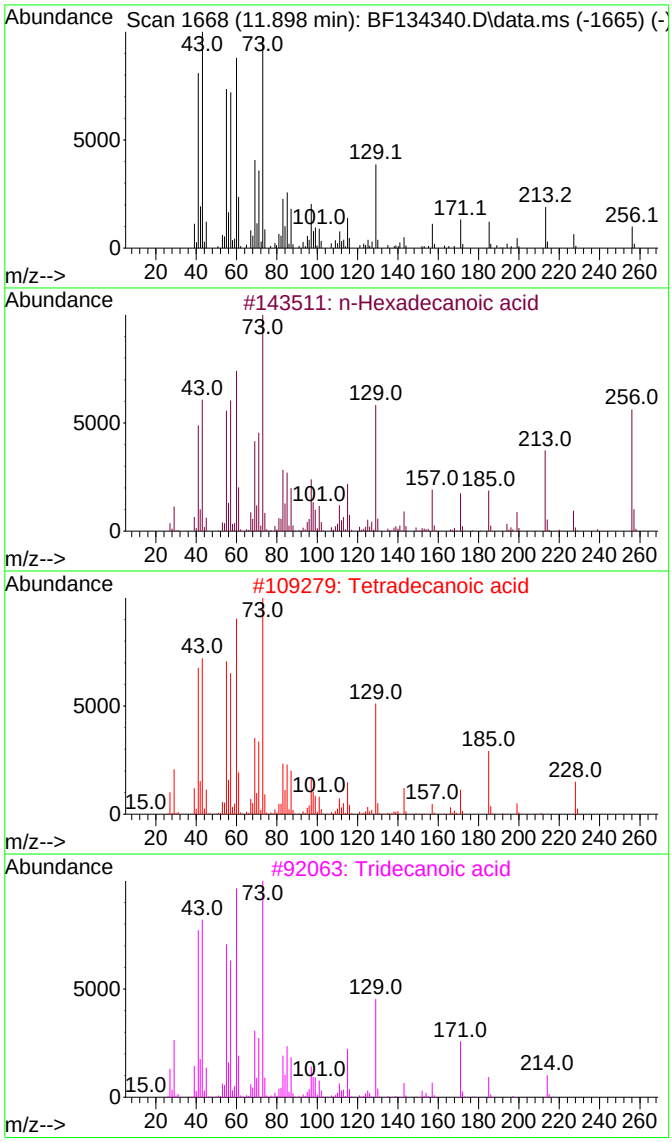
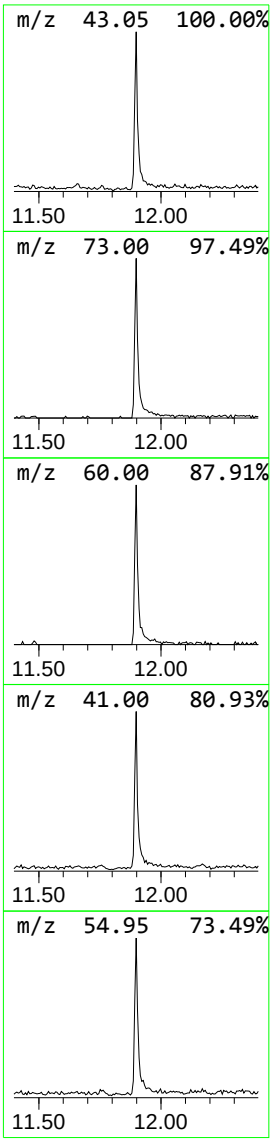
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.19 ng	205179	Phenanthrene-d10	11.369

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

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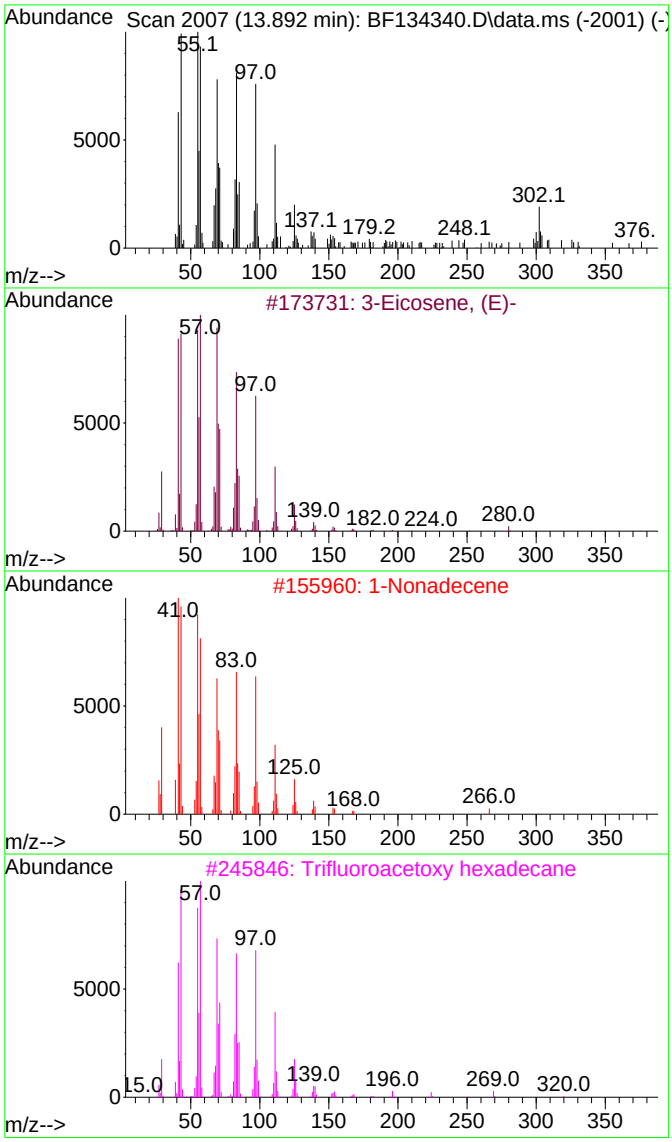
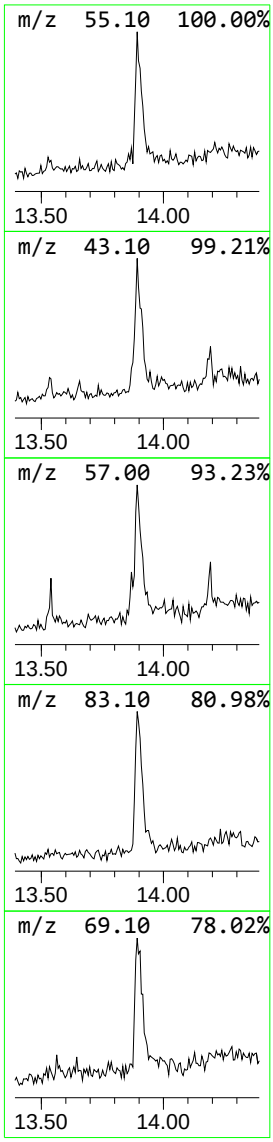
Peak Number 3 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	5.72 ng	171006	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Tricosene	322	C23H46	018835-32-0	93





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TIC Library : C:\Database\NIST20.L
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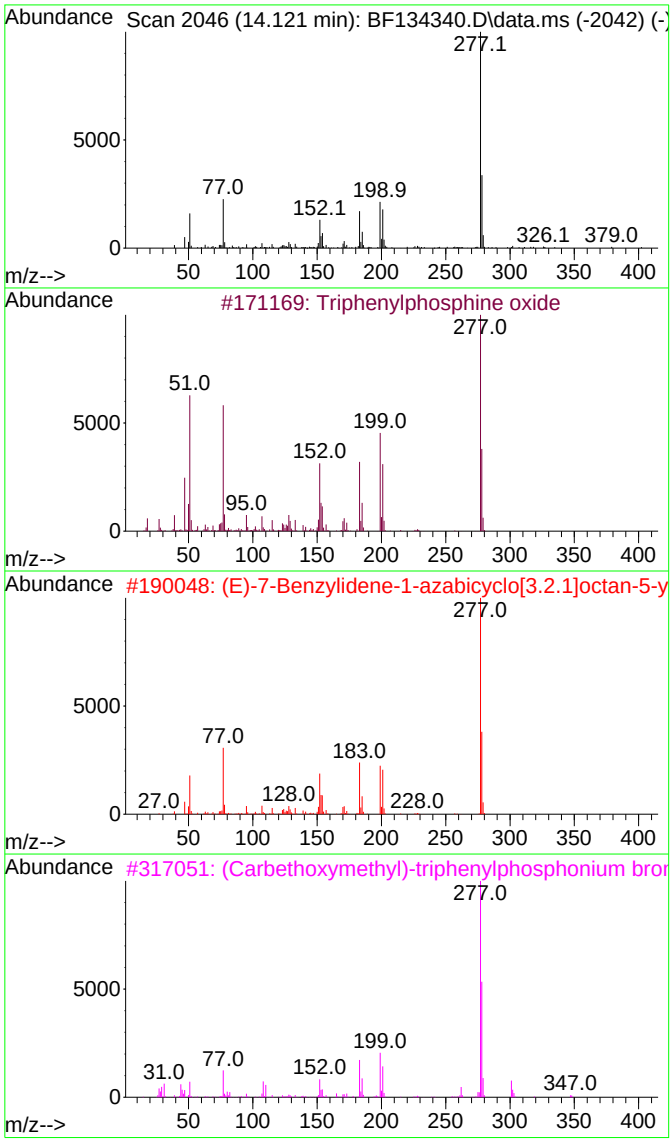
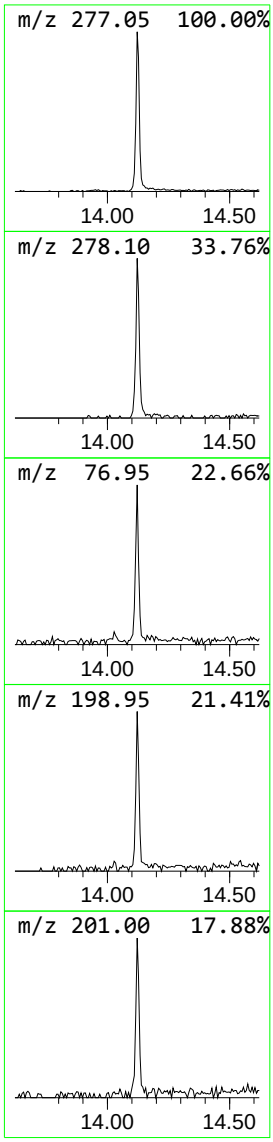
Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	4.53 ng	135281	Chrysene-d12	14.033

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	52
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
4	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	43
5	Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.128	19.2	ng	421856	1	6.840	440096	20.0
n-Hexadecanoic ...	11.898	5.2	ng	205179	4	11.369	790292	20.0
3-Eicosene, (E)-	13.892	5.7	ng	171006	5	14.033	597497	20.0
Triphenylphosph...	14.121	4.5	ng	135281	5	14.033	597497	20.0