LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131381.D
Acq On : 24 Nov 2022 01:56
Operator : CG\JU
Sample : N5641-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-7

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131381.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	27	35	41	rBV	810033	1060989	52.09%	6.810%
2	5.181	522	526	536	rVB	273779	313960	15.41%	2.015%
3	5.569	587	592	595	rBV	2201626	2036784	100.00%	13.074%
4	6.569	757	762	765	rBV	1893344	2006288	98.50%	12.878%
5	6.957	824	828	831	rBV	785834	635358	31.19%	4.078%
6	7.522	918	924	927	rBV	1388065	1230003	60.39%	7.895%
7	8.139	1025	1029	1032	rBV	326486	248702	12.21%	1.596%
8	8.245	1043	1047	1050	rBV	960816	741480	36.40%	4.759%
9	9.327	1225	1231	1234	rBV	2305358	1992262	97.81%	12.788%
10	10.010	1343	1347	1350	rBV	933715	717698	35.24%	4.607%
11	10.798	1477	1481	1485	rBV	1203783	1014410	49.80%	6.511%
12	11.504	1598	1601	1604	rBV	690004	606692	29.79%	3.894%
13	11.892	1664	1667	1670	rVB	27276	22475	1.10%	0.144%
14	12.021	1686	1689	1696	rBV3	60449	56717	2.78%	0.364%
15	12.727	1805	1809	1813	rVB	34644	31546	1.55%	0.202%
16	12.815	1821	1824	1828	rBV3	26727	26582	1.31%	0.171%
17	12.957	1844	1848	1852	rVB	38210	37331	1.83%	0.240%
18	13.104	1869	1873	1876	rBV	1852665	1586157	77.88%	10.181%
19	14.162	2049	2053	2056	rBV	672319	563866	27.68%	3.619%
20	14.257	2065	2069	2075	rBV	122054	141427	6.94%	0.908%
21	15.327	2248	2251	2255	rVB	36197	37797	1.86%	0.243%
22	15.704	2310	2315	2319	rBV	320814	413479	20.30%	2.654%
23	16.209	2399	2401	2406	rVB2	39612	57064	2.80%	0.366%

Sum of corrected areas: 15579067

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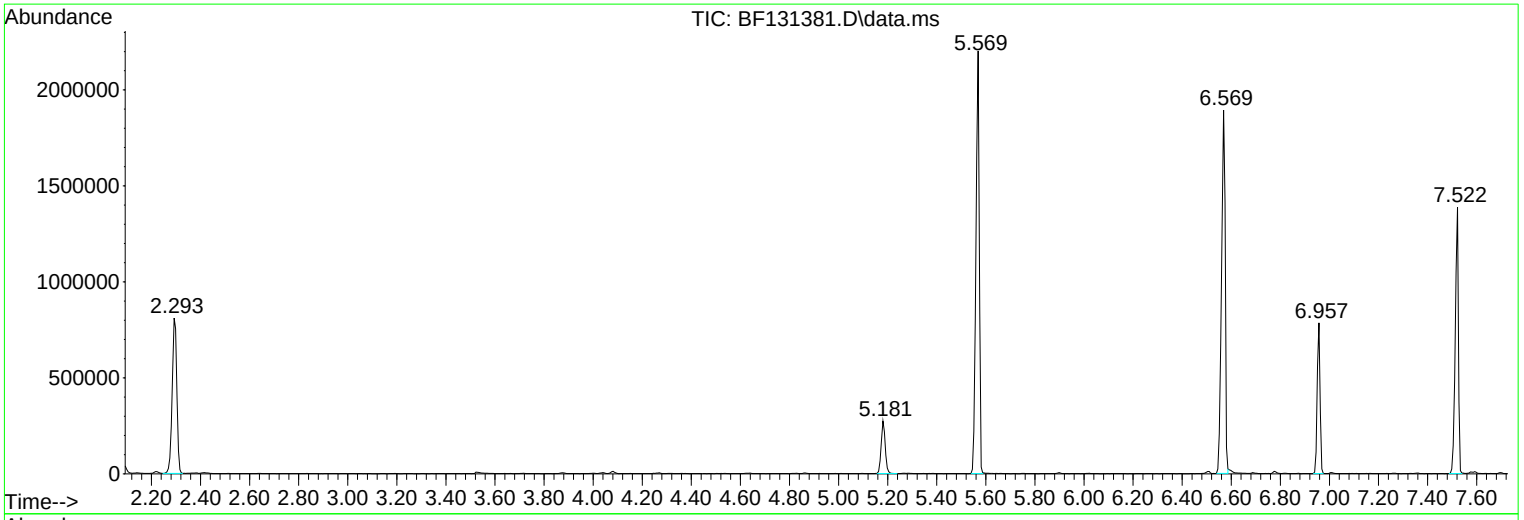
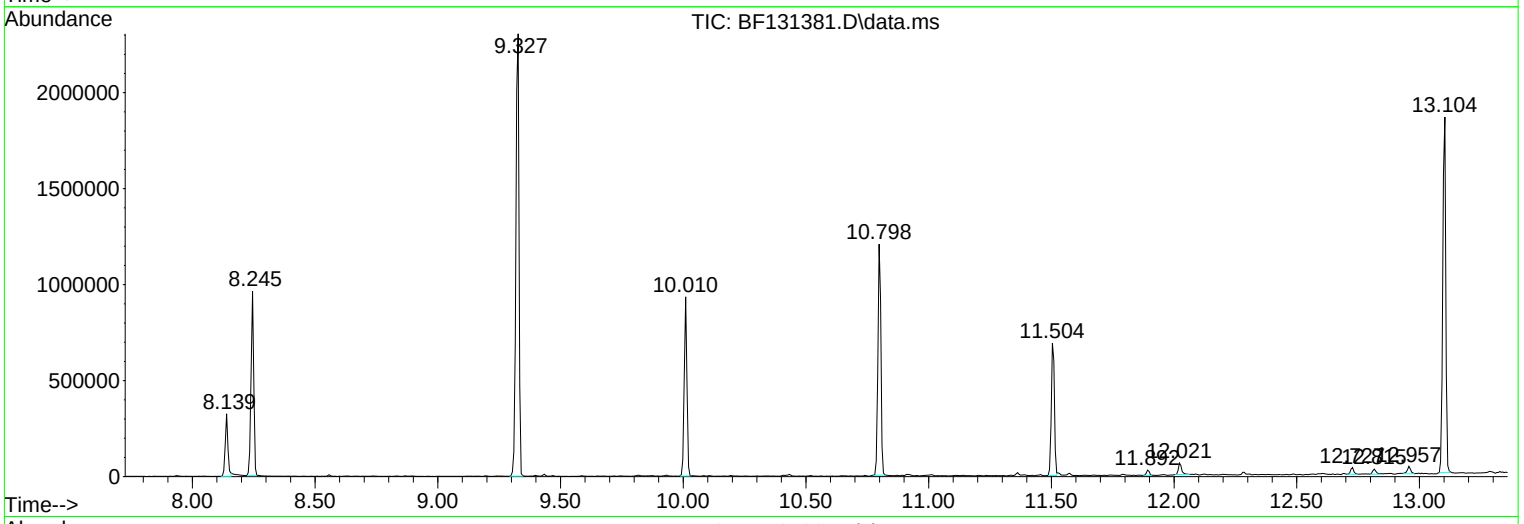
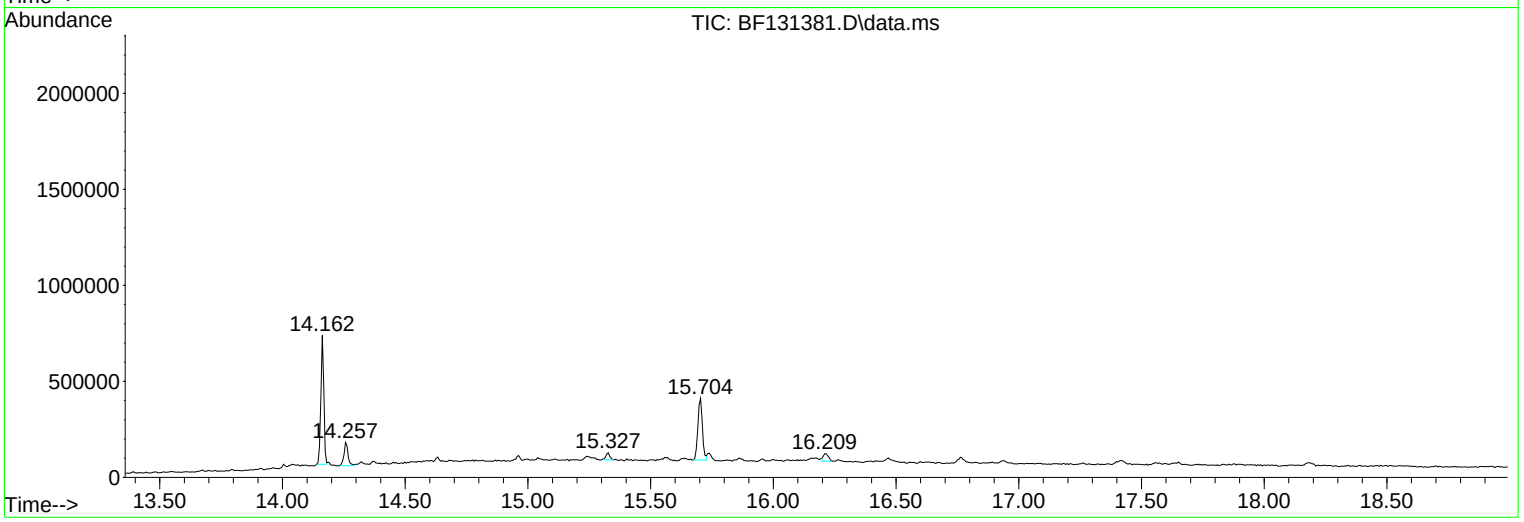
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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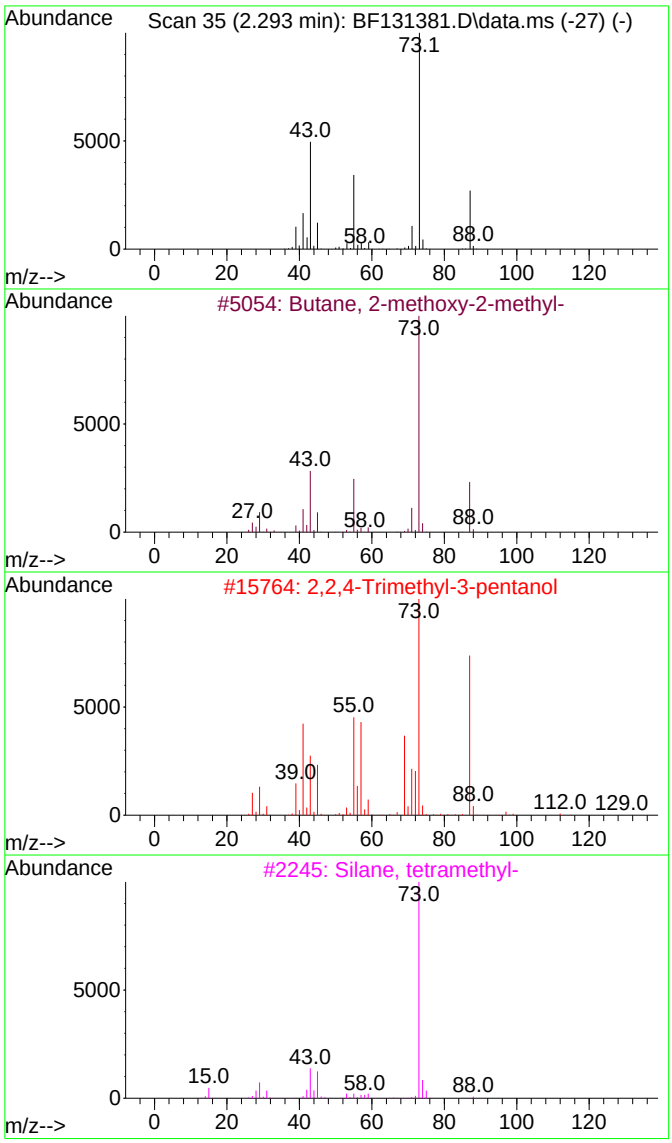
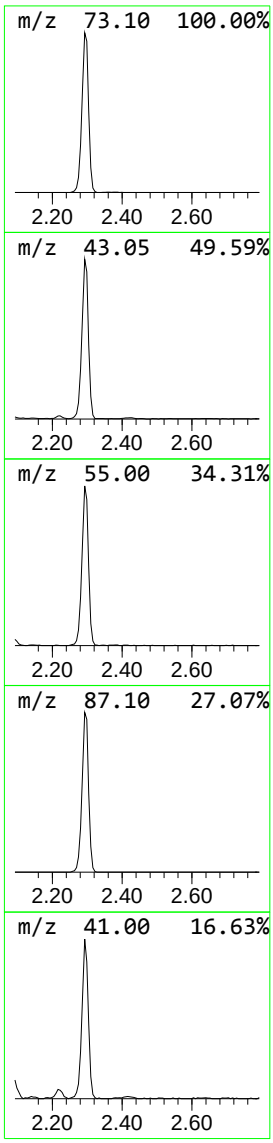
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.293	33.40 ng	1060990	1,4-Dichlorobenzene-d4	6.957

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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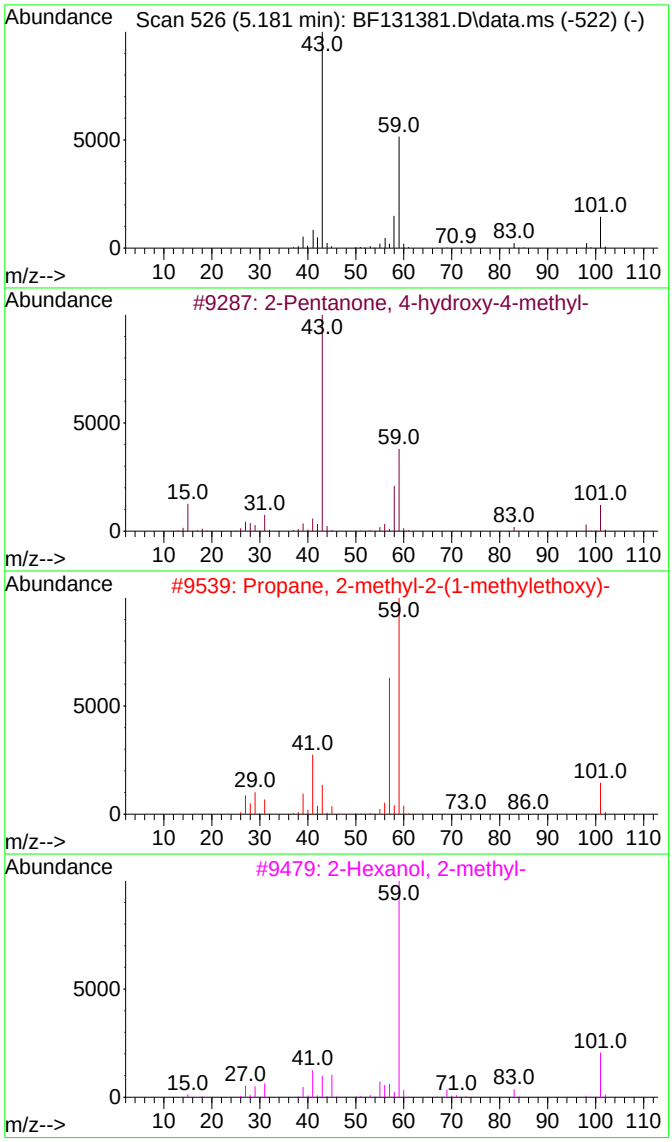
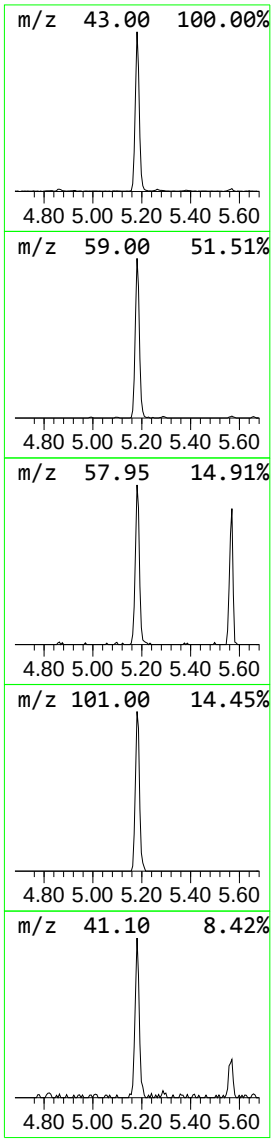
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	9.88 ng	313960	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Instrument :
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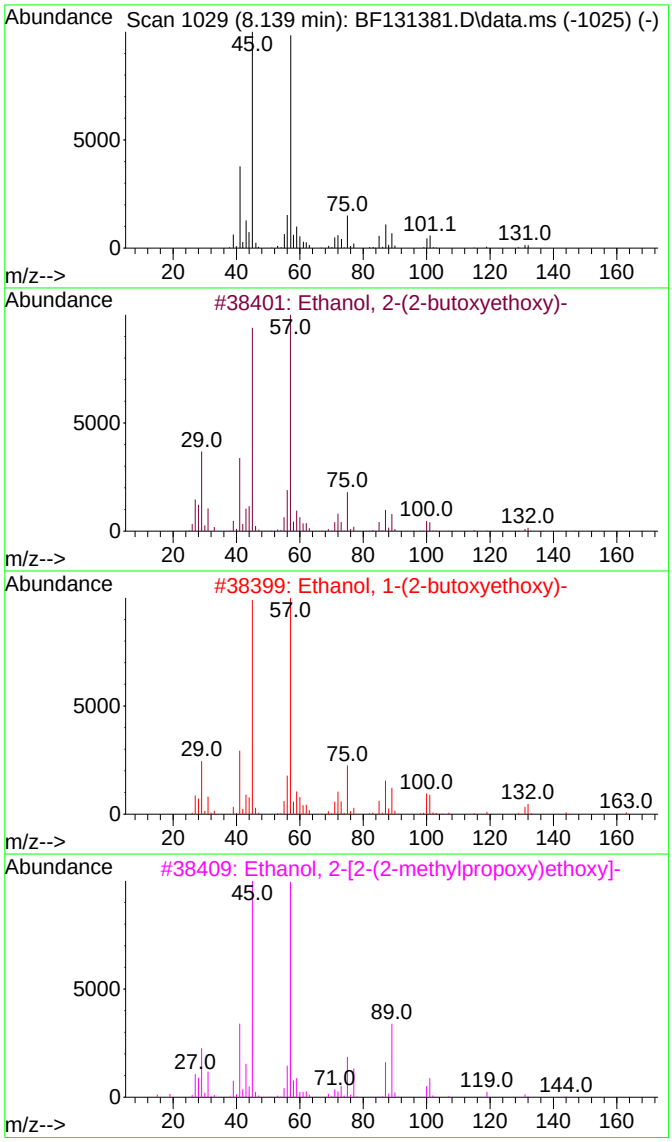
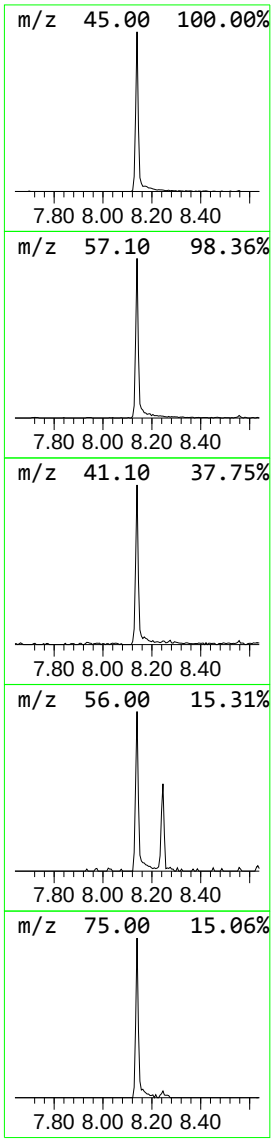
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.139	6.71 ng	248702	Naphthalene-d8	8.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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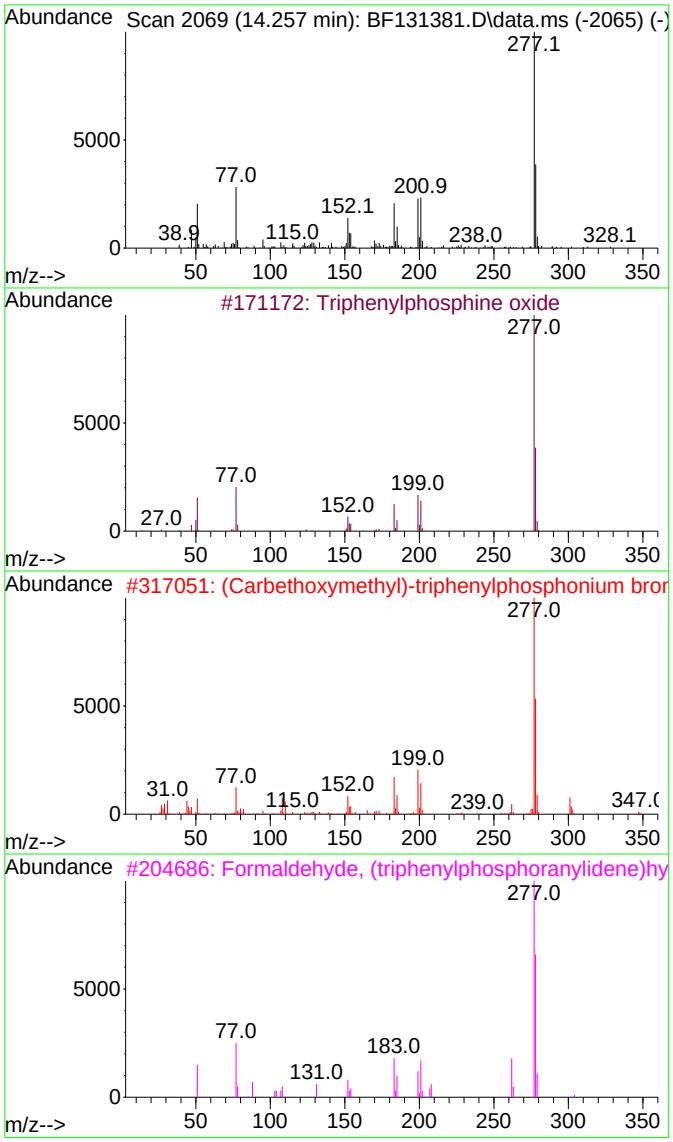
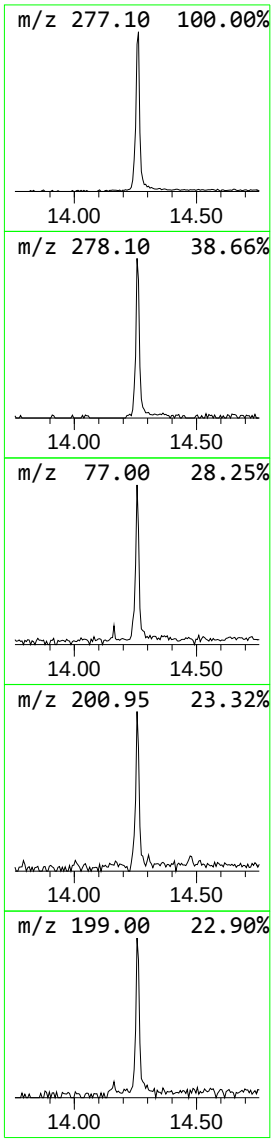
Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.02 ng	141427	Chrysene-d12	14.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	53
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	53
4	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	43
5	Furo[3,2-c]quinoline, 8-bromo-2,...	277	C13H12BrNO	1000310-92-7	38





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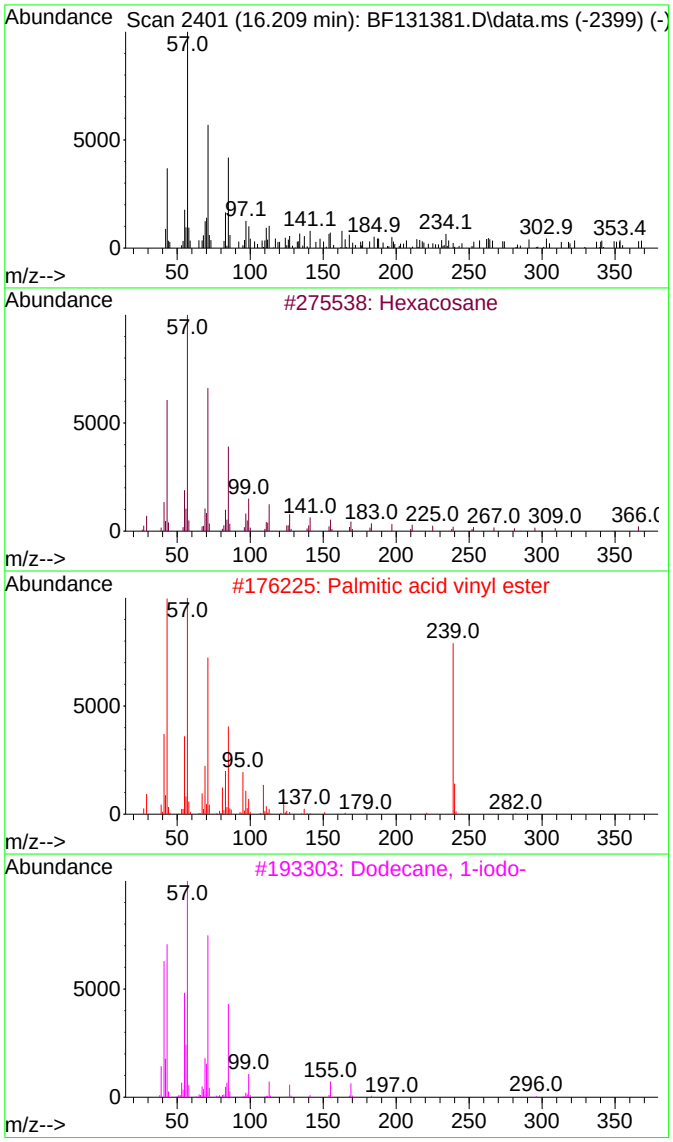
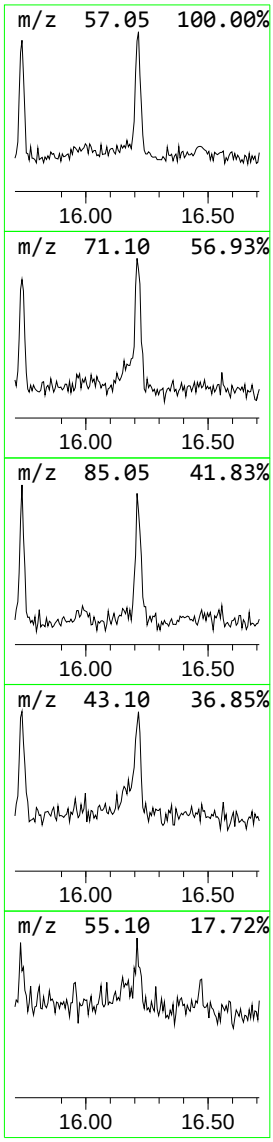
Peak Number 5 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.209	2.76 ng	57064	Perylene-d12	15.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	58
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
4	Pentacosane	352	C25H52	000629-99-2	58
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	58





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...	2.293	33.4	ng	1060990	1	6.957	635358	20.0
2-Pentanone, 4-...	5.181	9.9	ng	313960	1	6.957	635358	20.0
Ethanol, 2-(2-b...	8.139	6.7	ng	248702	2	8.245	741480	20.0
Triphenylphosph...	14.257	5.0	ng	141427	5	14.163	563866	20.0
Hexacosane	16.209	2.8	ng	57064	6	15.704	413479	20.0