LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131025.D
Acq On : 05 Nov 2022 18:12
Operator : CG\JU
Sample : N5335-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131025.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	12	18	24	rVB	534615	665186	36.57%	5.019%
2	2.534	56	76	84	rVB	67855	158154	8.69%	1.193%
3	5.122	511	516	529	rVB	458676	560473	30.81%	4.229%
4	5.522	579	584	587	rBV	1720450	1586663	87.22%	11.971%
5	6.522	749	754	758	rBV	1572521	1662648	91.40%	12.544%
6	6.898	815	818	822	rBV	548453	491958	27.04%	3.712%
7	7.463	909	914	917	rBV	1108465	1041031	57.23%	7.854%
8	8.086	1016	1020	1033	rBV	37031	72186	3.97%	0.545%
9	8.186	1033	1037	1040	rBV	728054	616909	33.91%	4.654%
10	9.263	1215	1220	1223	rBV	2156512	1819056	100.00%	13.724%
11	9.945	1332	1336	1340	rBV	753806	619155	34.04%	4.671%
12	10.739	1466	1471	1474	rBV	1052314	959200	52.73%	7.237%
13	11.439	1586	1590	1593	rBV	746571	595031	32.71%	4.489%
14	13.027	1856	1860	1863	rBV	1597683	1387527	76.28%	10.468%
15	13.986	2015	2023	2033	rBV6	23306	82716	4.55%	0.624%
16	14.086	2037	2040	2043	rVV	595041	482780	26.54%	3.642%
17	14.180	2051	2056	2062	rVB	63756	72768	4.00%	0.549%
18	15.586	2290	2295	2302	rVB2	288061	381080	20.95%	2.875%

Sum of corrected areas: 13254521

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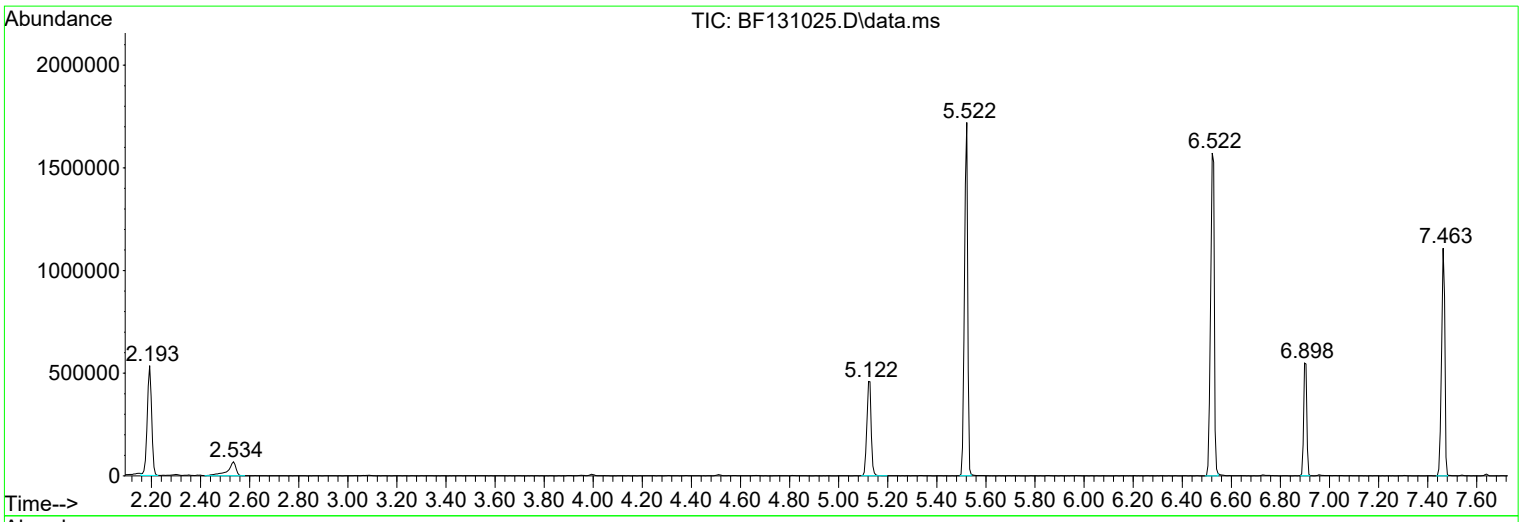
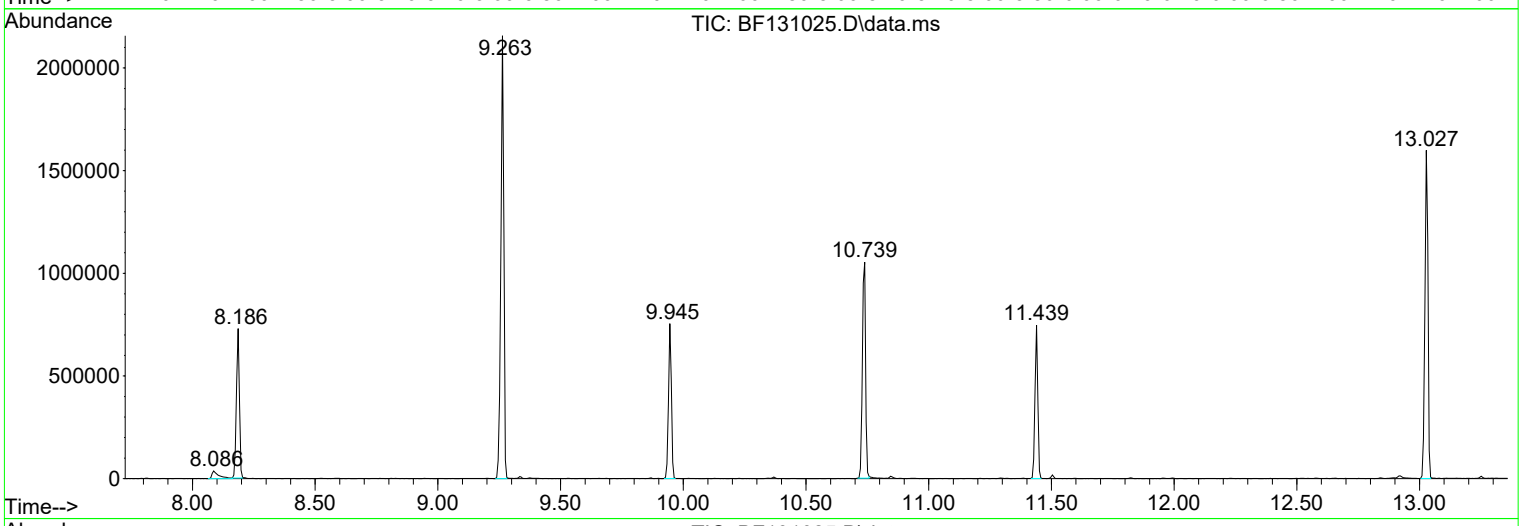
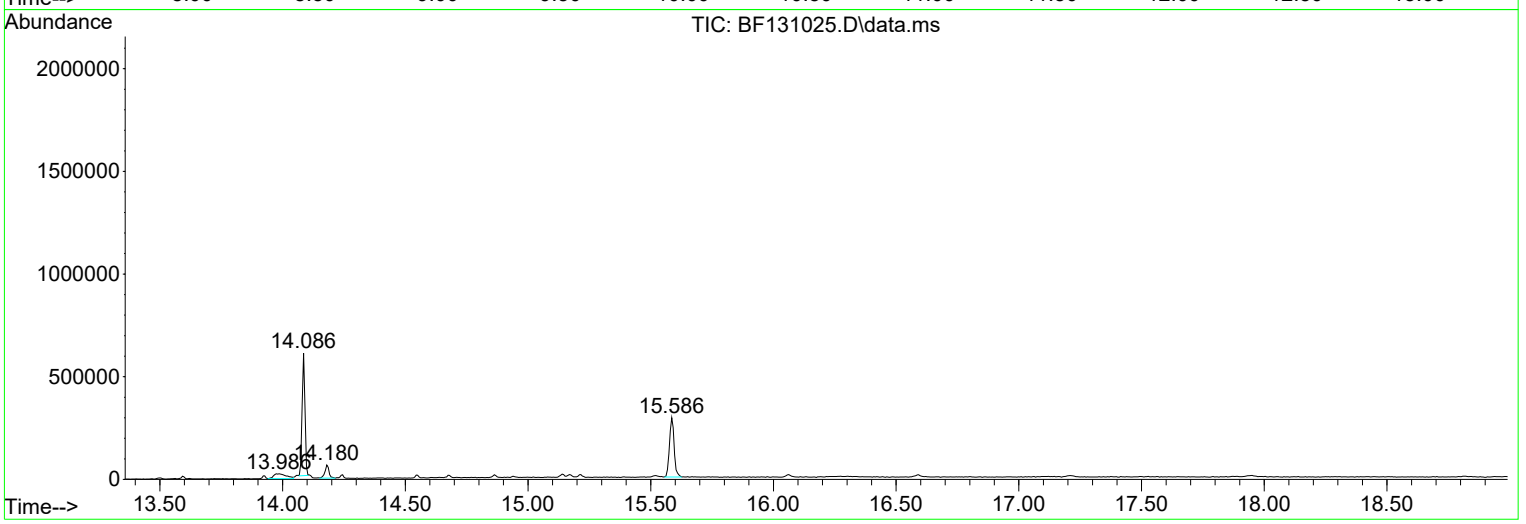
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Integration Parameters: LSCINT.P

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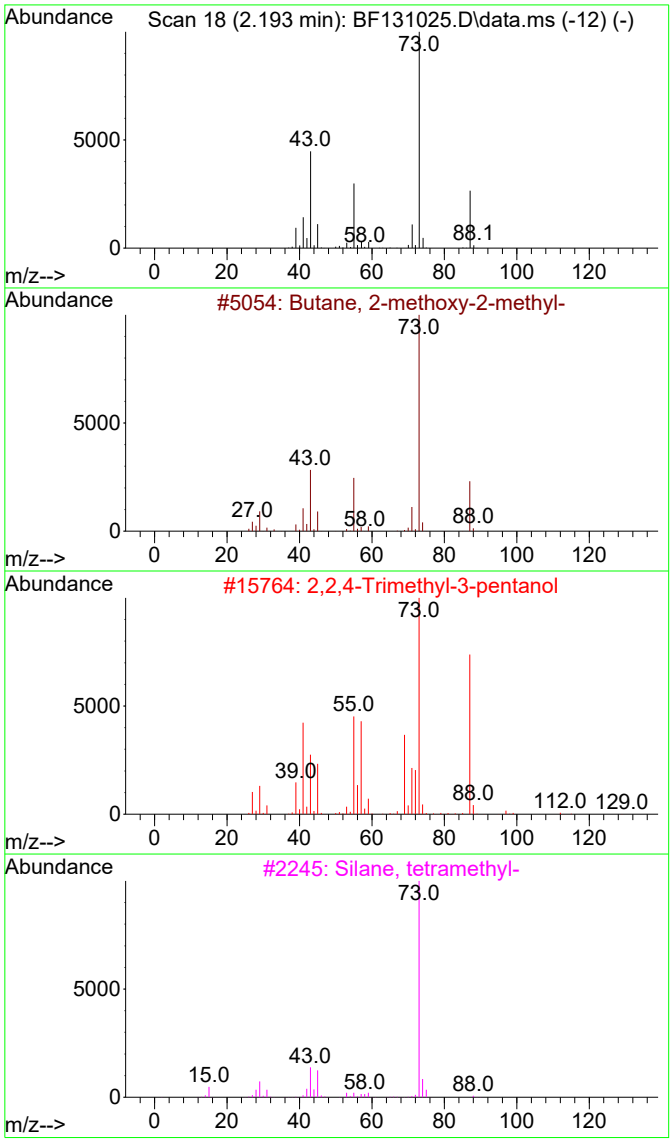
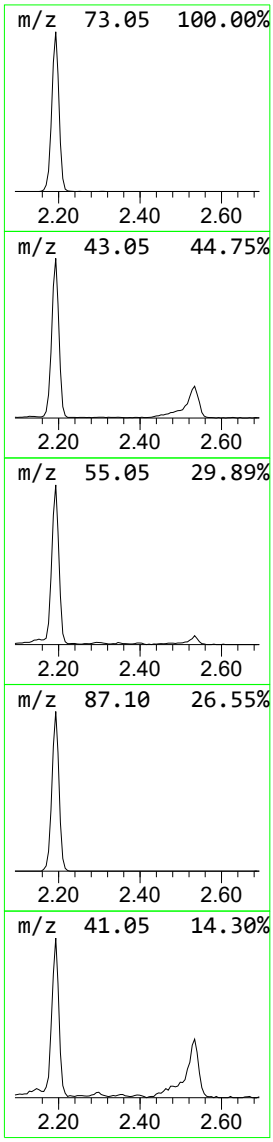
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	27.04 ng	665186	1,4-Dichlorobenzene-d4	6.904

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





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TIC Library : C:\Database\NIST20.L
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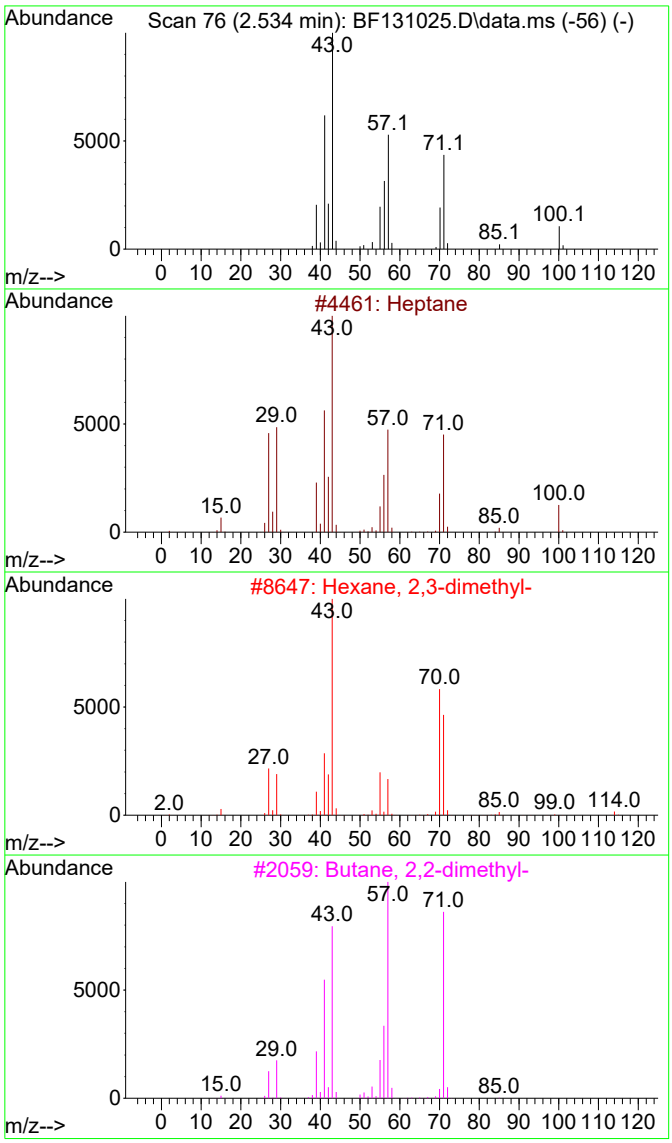
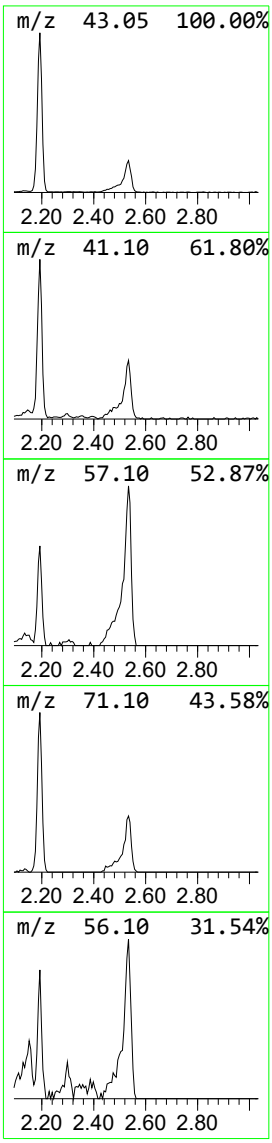
Peak Number 2 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	6.43 ng	158154	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
4	Octane	114	C8H18	000111-65-9	45
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





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BNA_F
ClientSampleId :
SB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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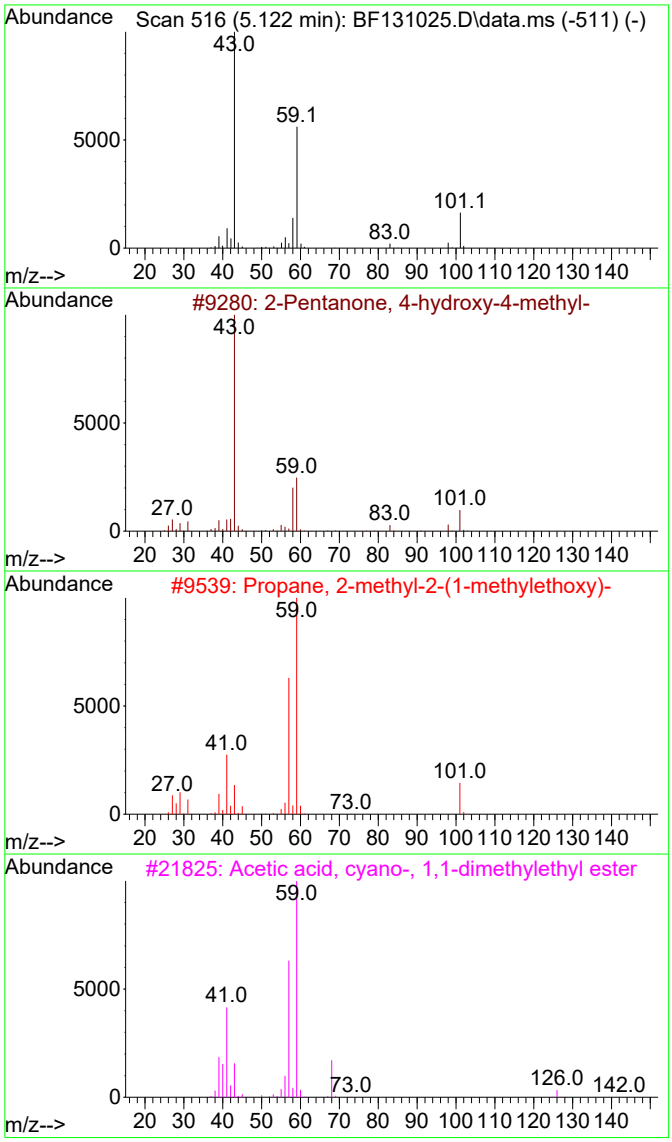
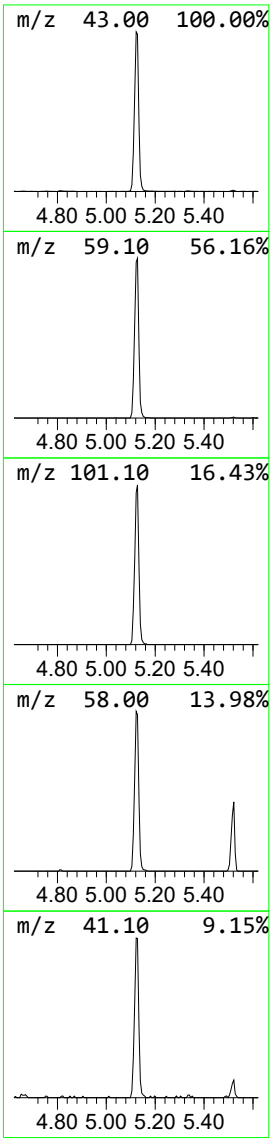
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	22.79 ng	560473	1,4-Dichlorobenzene-d4	6.904

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	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





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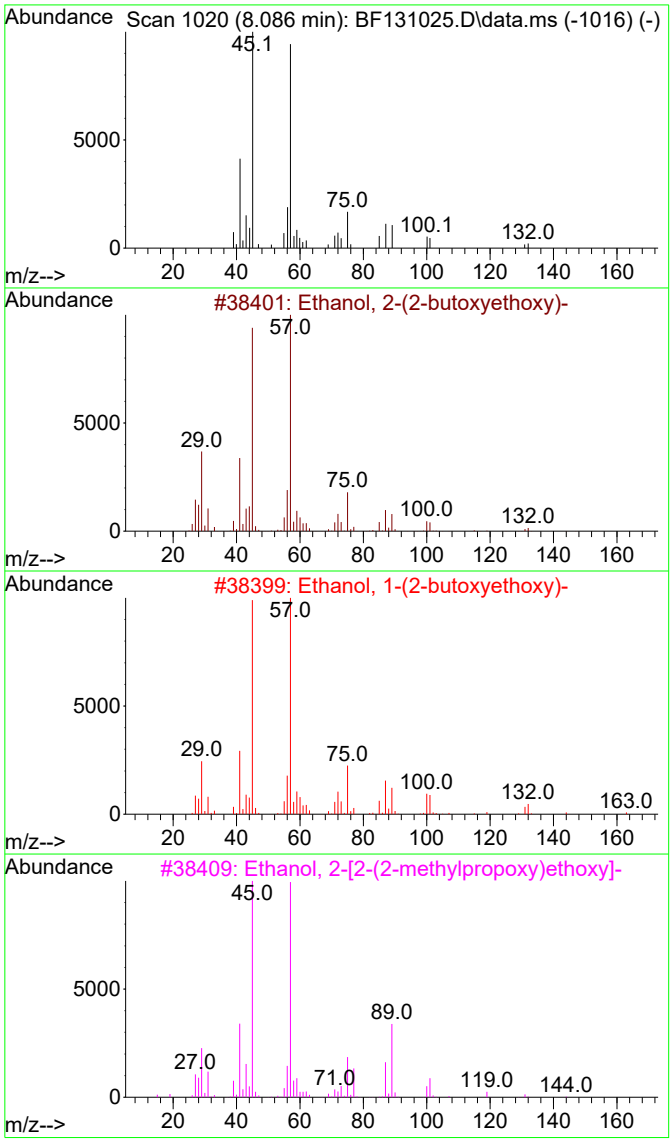
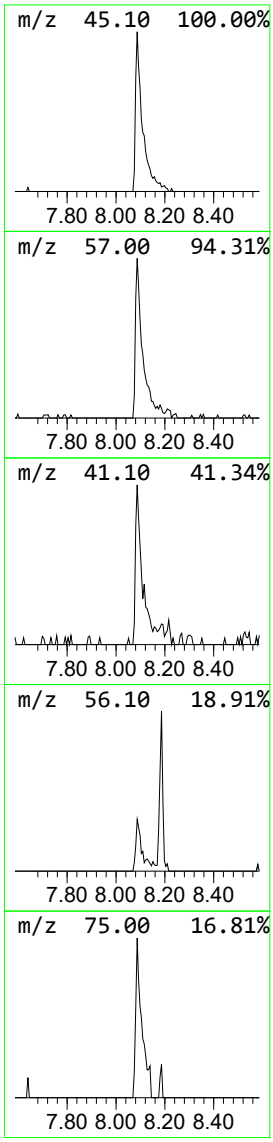
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.086	2.34 ng	72186	Naphthalene-d8	8.186

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	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45





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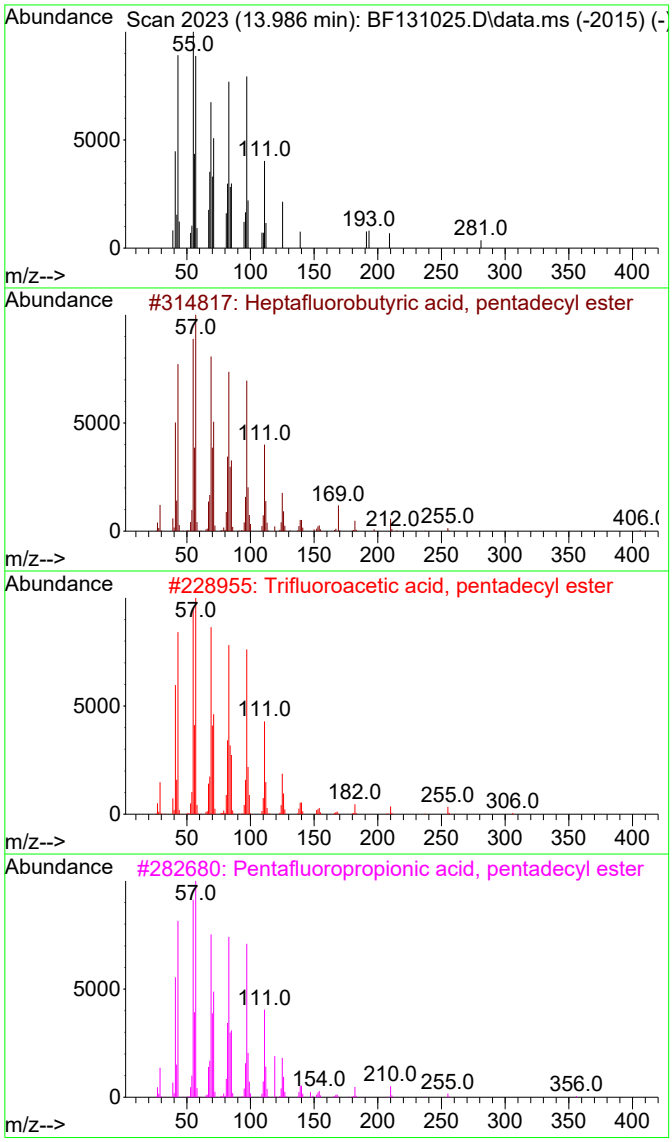
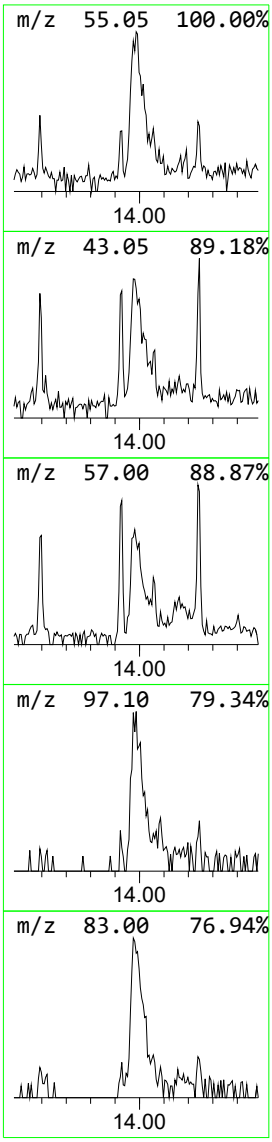
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	3.43 ng	82716	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





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TIC Library : C:\Database\NIST20.L
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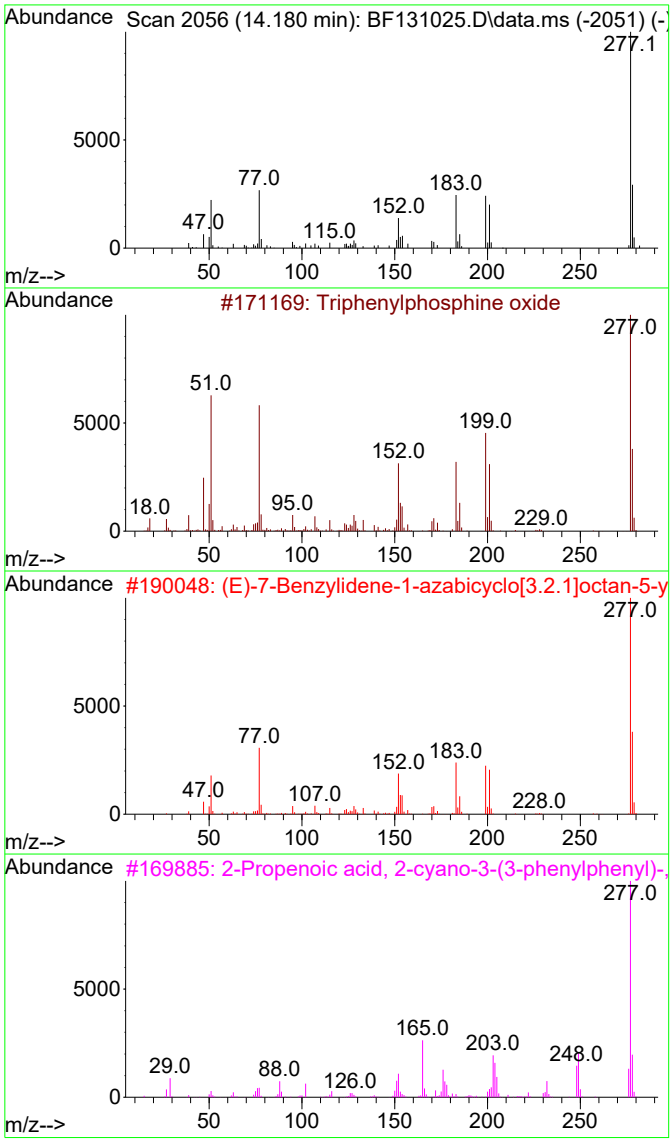
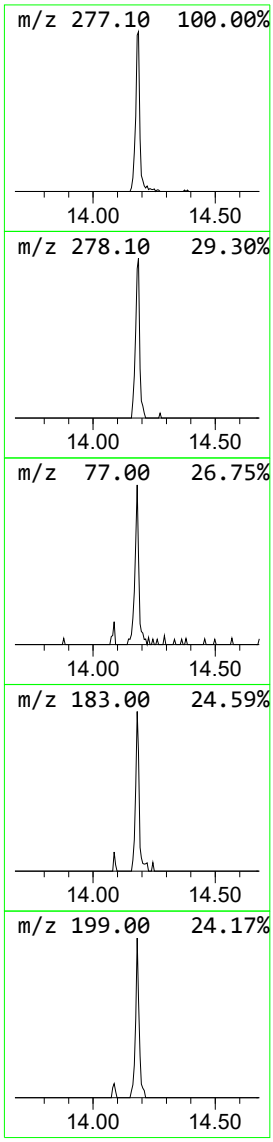
Peak Number 6 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	3.01 ng	72768	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	46
3	2-Propenoic acid, 2-cyano-3-(3-p...	277	C18H15NO2	1000080-00-3	43
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	35
5	3H-pyrazol-3-one, 2,4-dihydro-5-...	277	C17H15N3O	1000397-10-0	32





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...	2.193	27.0	ng	665186	1	6.904	491958	20.0
Heptane	2.534	6.4	ng	158154	1	6.904	491958	20.0
2-Pentanone, 4-...	5.122	22.8	ng	560473	1	6.904	491958	20.0
Ethanol, 2-(2-b...	8.086	2.3	ng	72186	2	8.186	616909	20.0
Heptafluorobuty...	13.986	3.4	ng	82716	5	14.086	482780	20.0
Triphenylphosph...	14.180	3.0	ng	72768	5	14.086	482780	20.0