LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110227.D
Acq On : 26 Oct 2018 23:13
Operator : JU/SJ
Sample : J5675-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	33	39	46	rVB	337112	460787	16.63%	2.092%
2	3.604	257	258	266	rBV	13751	29913	1.08%	0.136%
3	5.210	528	531	540	rVB	90845	113060	4.08%	0.513%
4	5.592	591	596	599	rBV	2545540	2475889	89.37%	11.243%
5	6.592	761	766	780	rBV2	2473650	2770310	100.00%	12.580%
6	6.739	786	791	794	rBV	2870089	2585500	93.33%	11.740%
7	6.969	826	830	833	rBV	929893	747754	26.99%	3.395%
8	7.128	852	857	860	rBV	2027070	1928289	69.61%	8.756%
9	7.533	921	926	934	rBV	1481135	1541541	55.65%	7.000%
10	8.251	1044	1048	1059	rBV	1071935	942499	34.02%	4.280%
11	9.327	1224	1231	1234	rBV	2626089	2378210	85.85%	10.799%
12	9.716	1293	1297	1303	rVB	394340	329926	11.91%	1.498%
13	9.869	1321	1323	1329	rBV	44344	44158	1.59%	0.201%
14	10.010	1343	1347	1351	rBV2	959389	854597	30.85%	3.881%
15	10.804	1477	1482	1491	rBV	1165913	1205412	43.51%	5.474%
16	10.904	1496	1499	1503	rBV6	20072	32158	1.16%	0.146%
17	11.504	1597	1601	1604	rBV	837755	738674	26.66%	3.354%
18	11.527	1604	1605	1610	rVB	85433	58958	2.13%	0.268%
19	12.010	1685	1687	1690	rBV3	69597	75401	2.72%	0.342%
20	12.721	1805	1808	1811	rBV	153286	128370	4.63%	0.583%
21	12.951	1845	1847	1854	rVB	122298	136909	4.94%	0.622%
22	13.092	1867	1871	1874	rBV	1647205	1540439	55.61%	6.995%
23	13.974	2018	2021	2026	rBV2	259395	294002	10.61%	1.335%
24	14.157	2048	2052	2055	rBV	605987	609638	22.01%	2.768%

Sum of corrected areas: 22022394

LSC Report - Integrated Chromatogram

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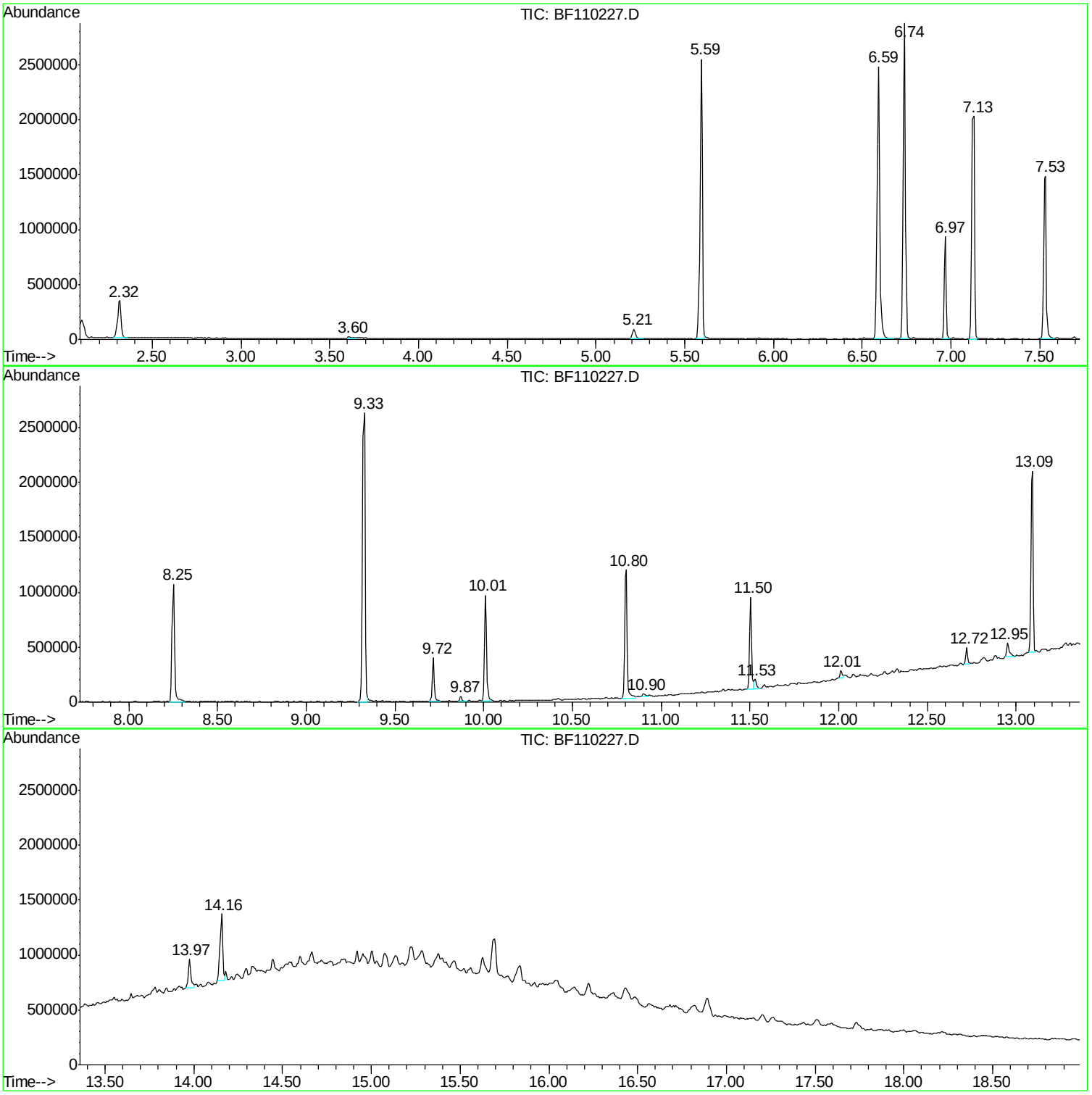
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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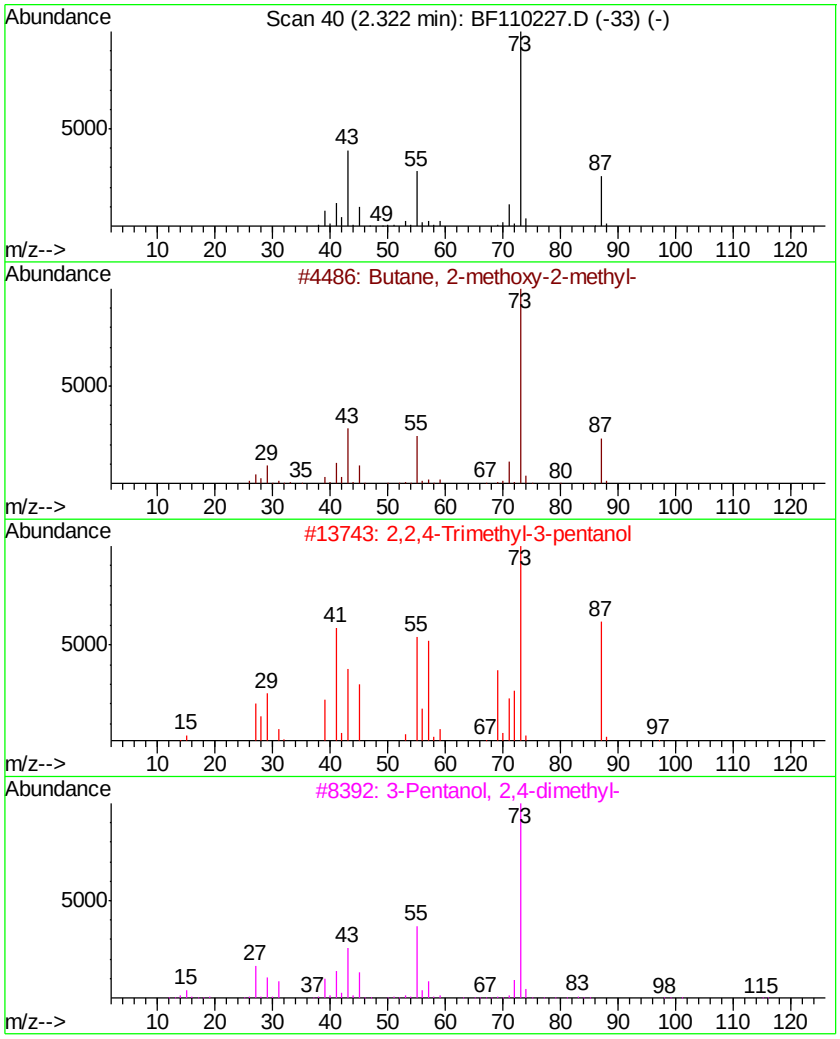
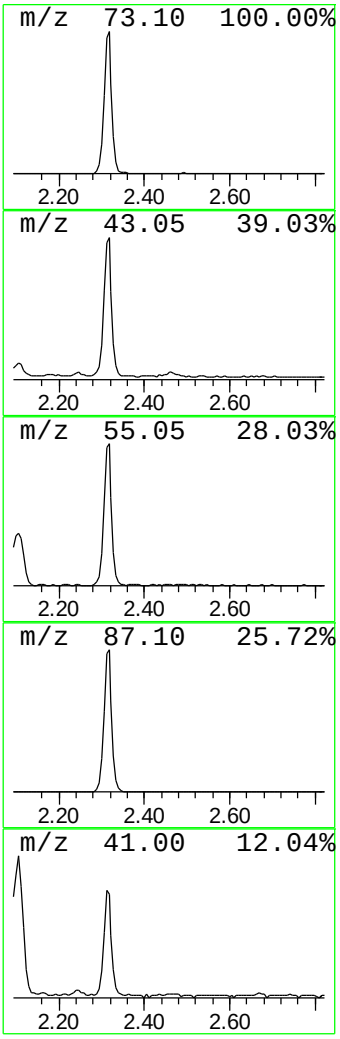
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	12.32 ng	460787	1,4-Dichlorobenzene-d4	6.97

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Integration Parameters: LSCINT.P

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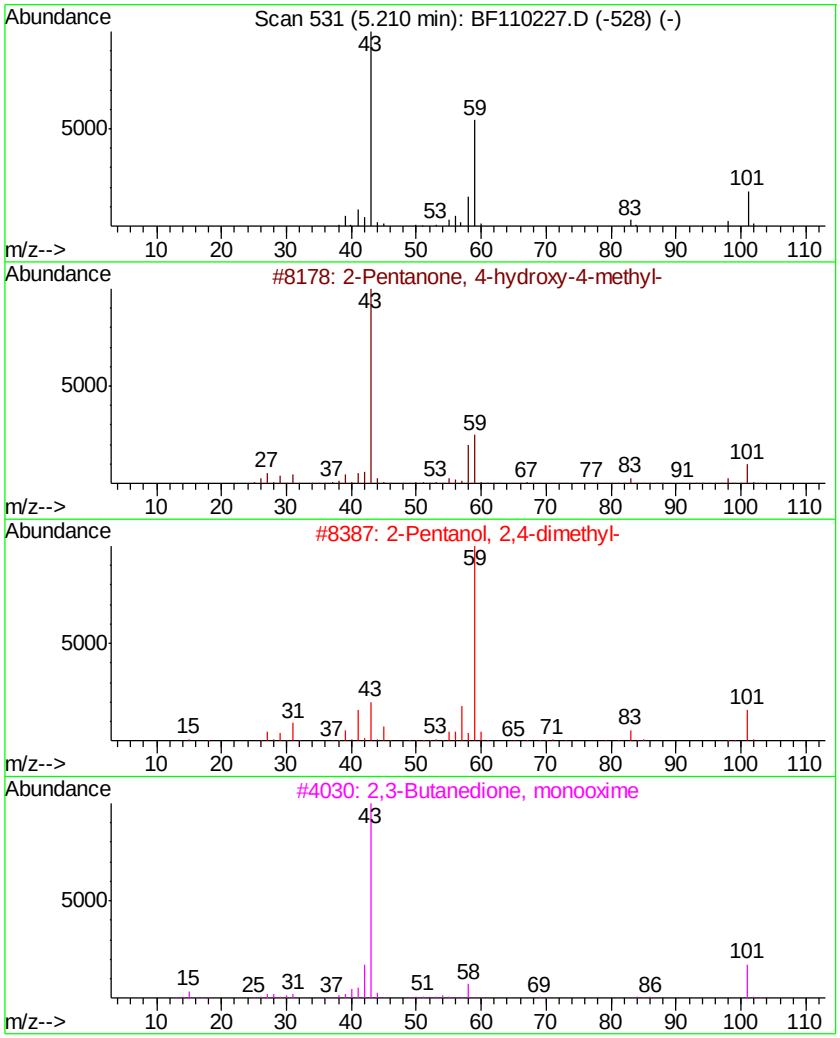
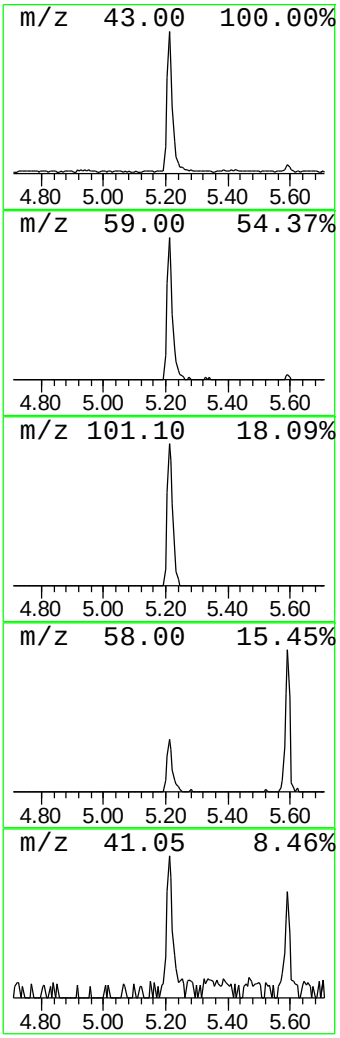
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	3.02 ng	113060	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : TP-5

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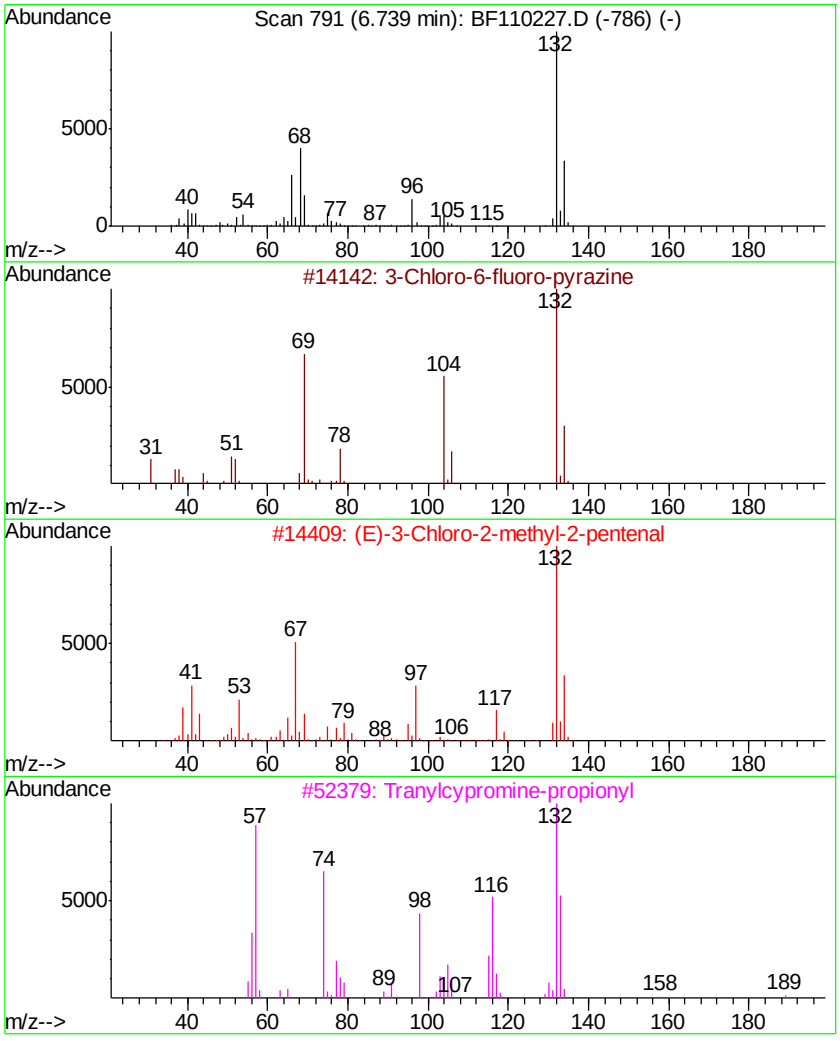
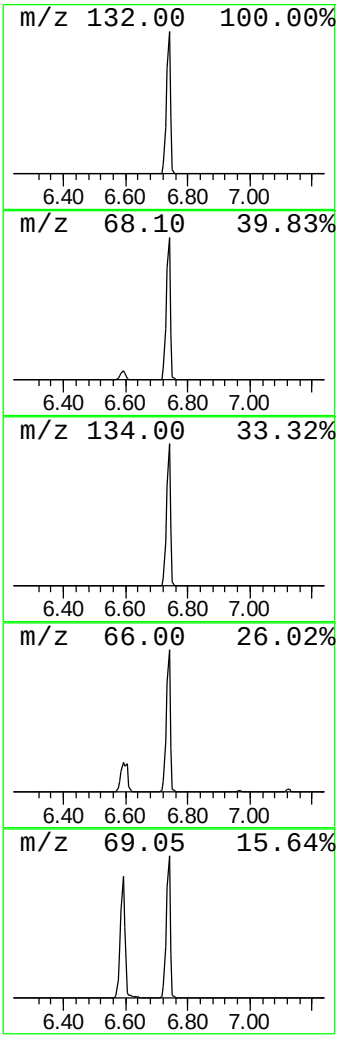
Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	69.15 ng	2585500	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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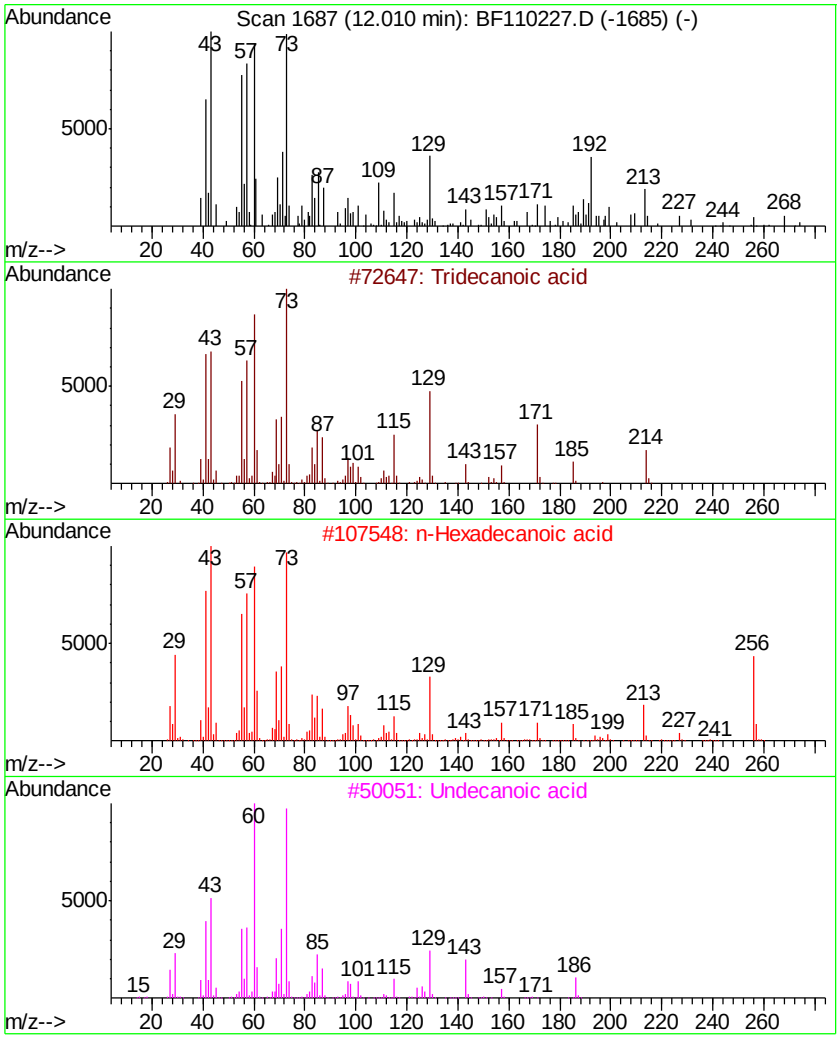
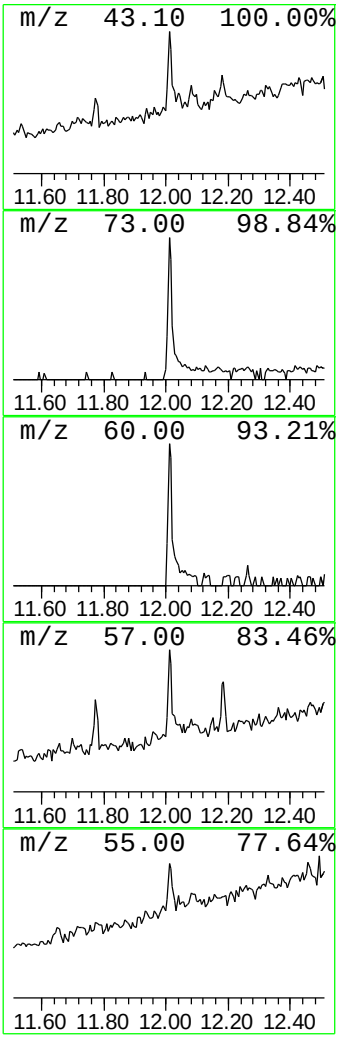
Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.04 ng	75401	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Undecanoic acid	186	C11H22O2	000112-37-8	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Instrument : BNA_F
ClientSampleId : TP-5

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TIC Integration Parameters: LSCINT.P

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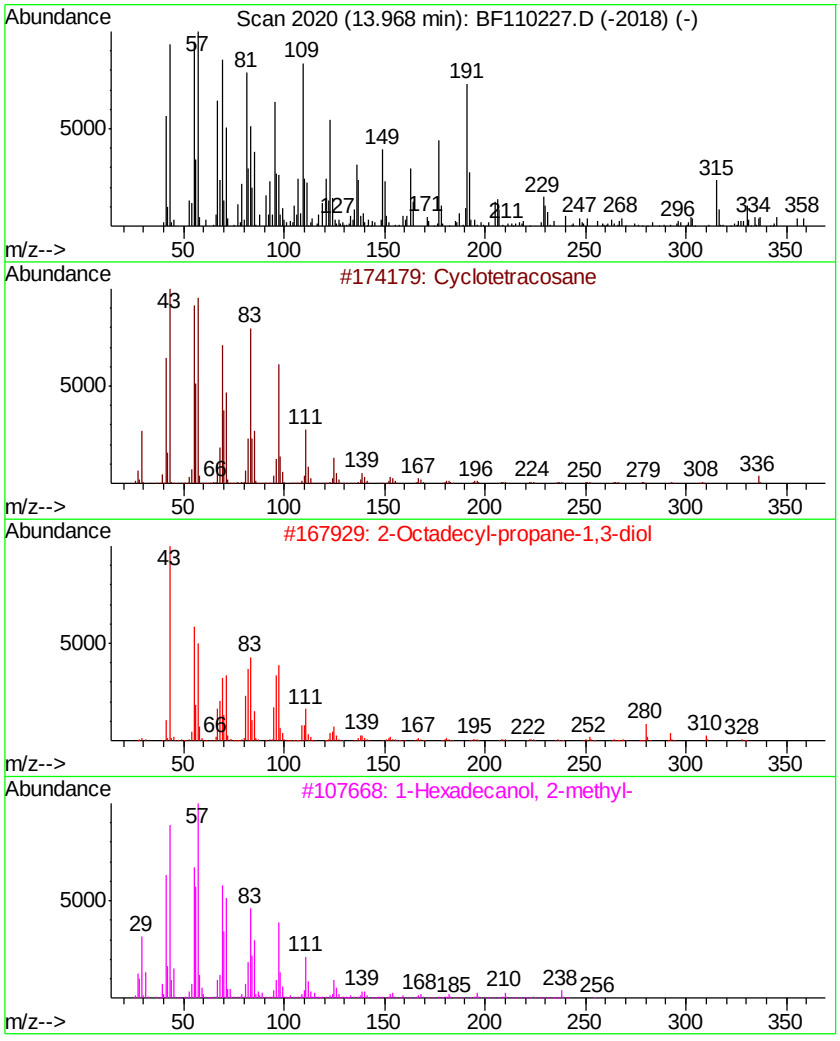
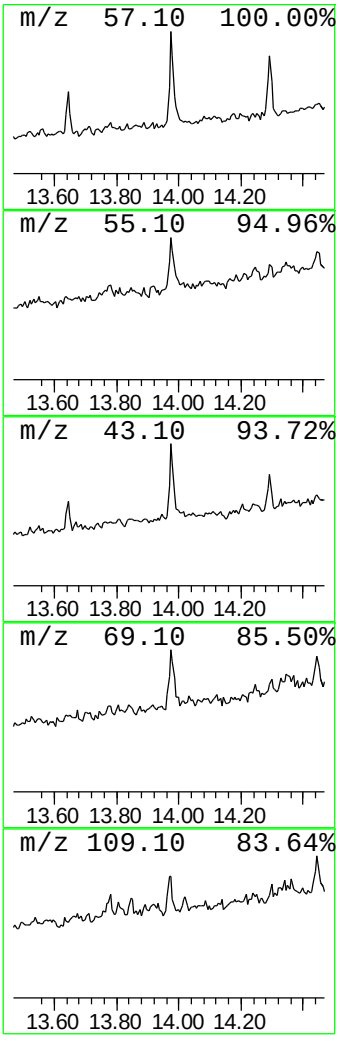
Peak Number 6 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	9.65 ng	294002	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	86
2	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	55
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	55
4	Cyclododecanemethanol	198	C13H26O	001892-12-2	53
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	12.3	ng	460787	1	6.97	747754	20.0
2-Pentanone, 4-hy...	5.21	3.0	ng	113060	1	6.97	747754	20.0
unknown6.74	6.74	69.2	ng	2585500	1	6.97	747754	20.0
Tridecanoic acid	12.01	2.0	ng	75401	4	11.50	738674	20.0
Cyclotetracosane	13.97	9.7	ng	294002	5	14.16	609638	20.0