LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142733.D
Acq On : 11 Jun 2025 14:21
Operator : RC/JU
Sample : Q2268-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-20250605

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-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	487	494	507	rBV	99350	140728	7.57%	1.473%
2	5.504	558	563	576	rBV	483696	642072	34.53%	6.722%
3	6.510	729	734	745	rBV	285825	365493	19.66%	3.826%
4	6.892	794	799	804	rBV	257627	319446	17.18%	3.344%
5	7.451	888	894	899	rBV	719396	954491	51.33%	9.993%
6	8.175	1012	1017	1031	rBV	322104	395527	21.27%	4.141%
7	8.392	1049	1054	1055	rBV	89354	106609	5.73%	1.116%
8	8.416	1055	1058	1069	rVB	115458	161836	8.70%	1.694%
9	9.251	1194	1200	1205	rBV	1504317	1859340	100.00%	19.466%
10	9.363	1214	1219	1232	rVB	52370	70031	3.77%	0.733%
11	9.933	1311	1316	1327	rVB	351020	431203	23.19%	4.514%
12	10.127	1343	1349	1356	rBV2	11252	18762	1.01%	0.196%
13	10.722	1445	1450	1466	rBV	791911	1018146	54.76%	10.659%
14	11.422	1564	1569	1576	rBV	318312	396523	21.33%	4.151%
15	13.010	1833	1839	1844	rBV	1327062	1728199	92.95%	18.093%
16	14.068	2011	2019	2028	rBV	251295	352862	18.98%	3.694%
17	14.492	2085	2091	2095	rBV2	16969	29539	1.59%	0.309%
18	15.562	2267	2273	2289	rVB	240458	396010	21.30%	4.146%
19	17.580	2605	2616	2635	rVB6	32566	165141	8.88%	1.729%

Sum of corrected areas: 9551958

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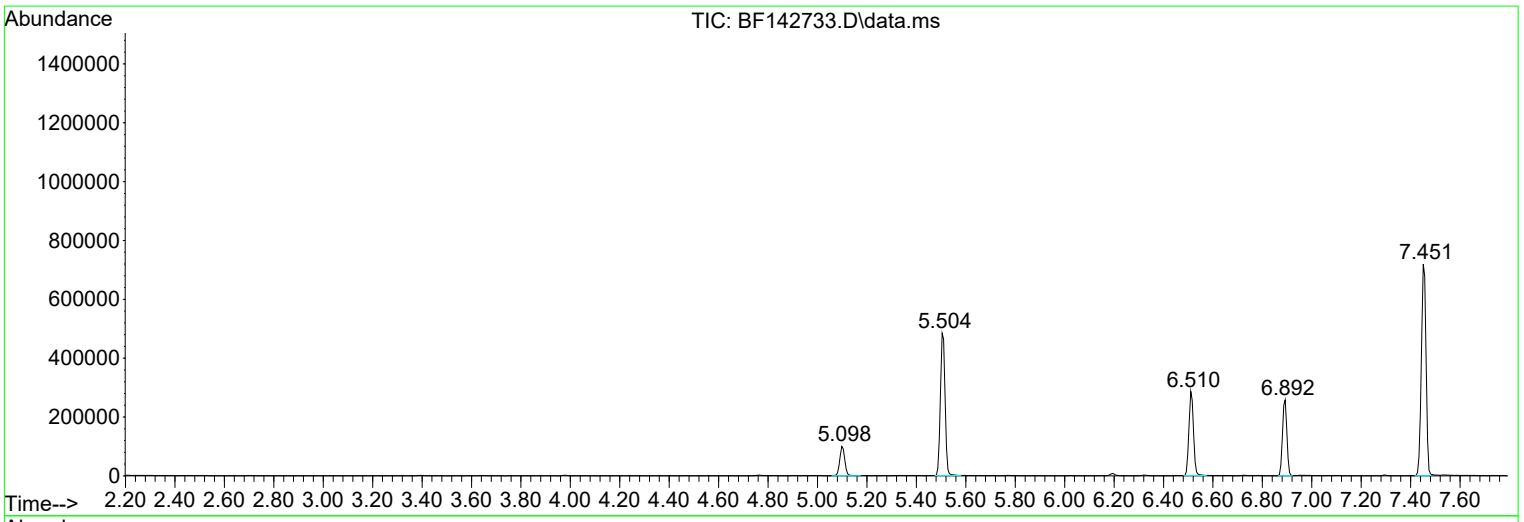
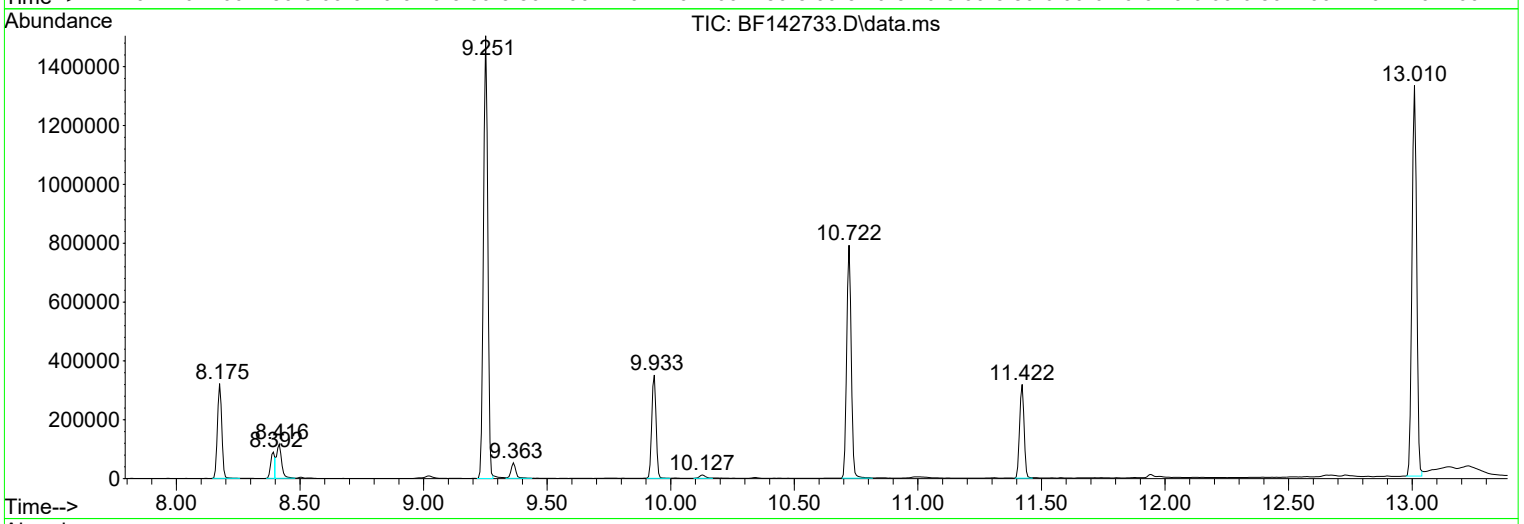
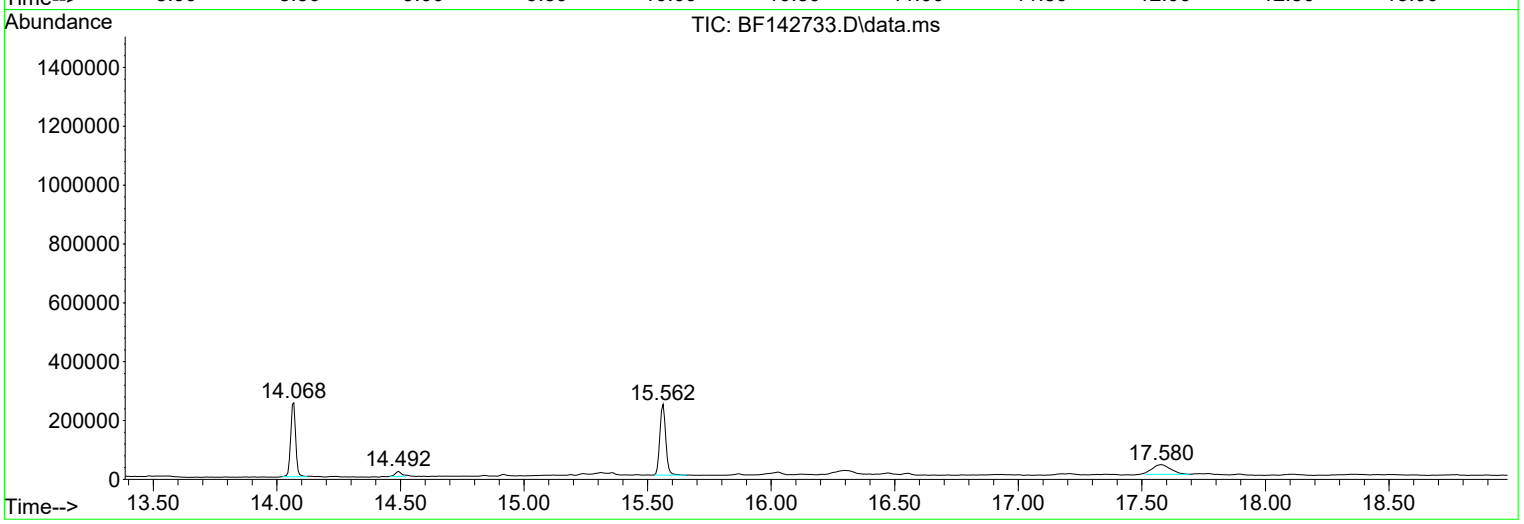
Instrument :
BNA_F
ClientSampleId :
FB-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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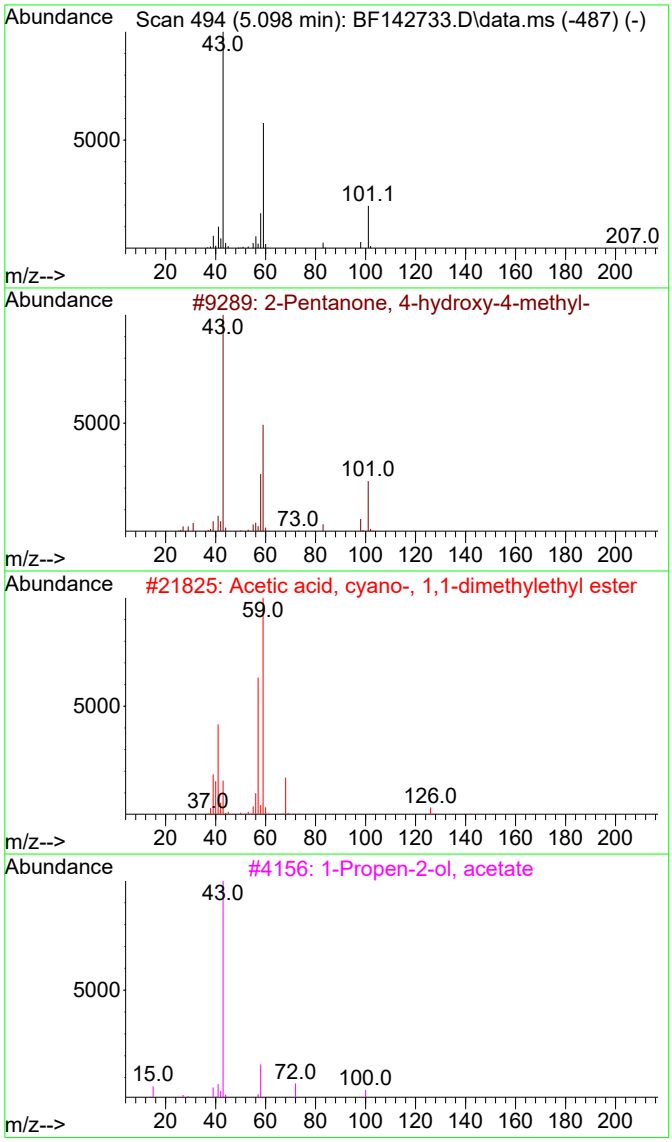
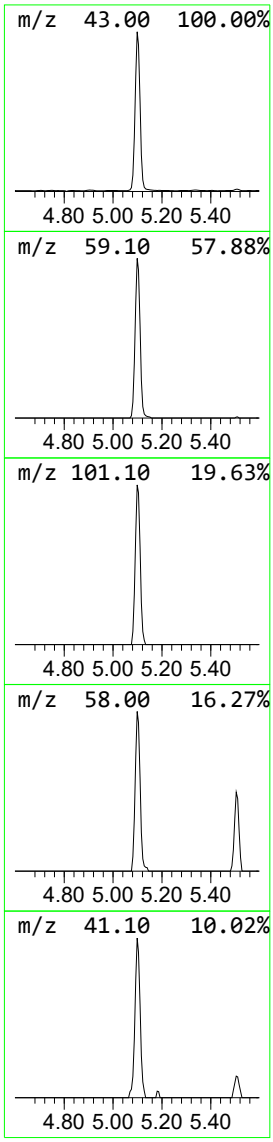
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	8.81 ng	140728	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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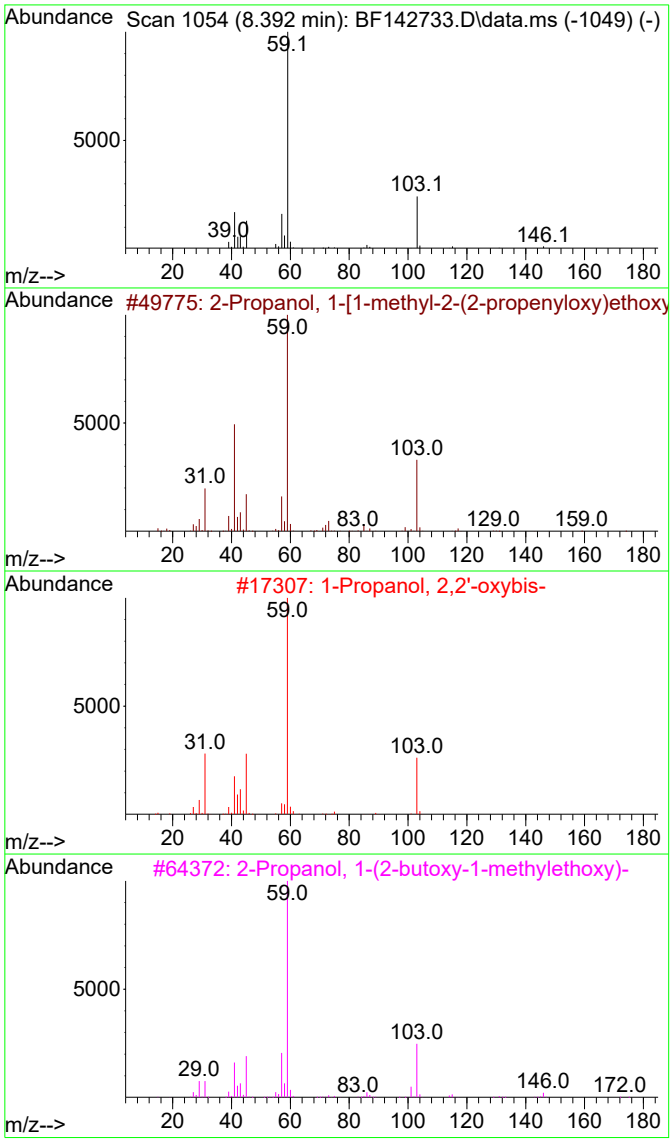
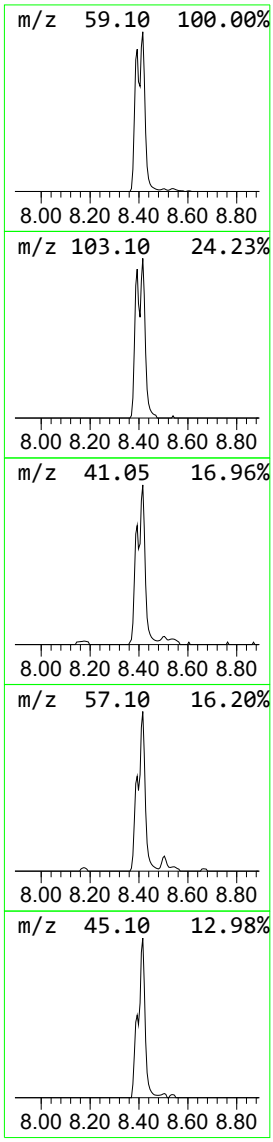
****
Peak Number 2 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.392	5.39 ng	106609	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
2	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
3	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	64
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
5	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	64





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Sample : Q2268-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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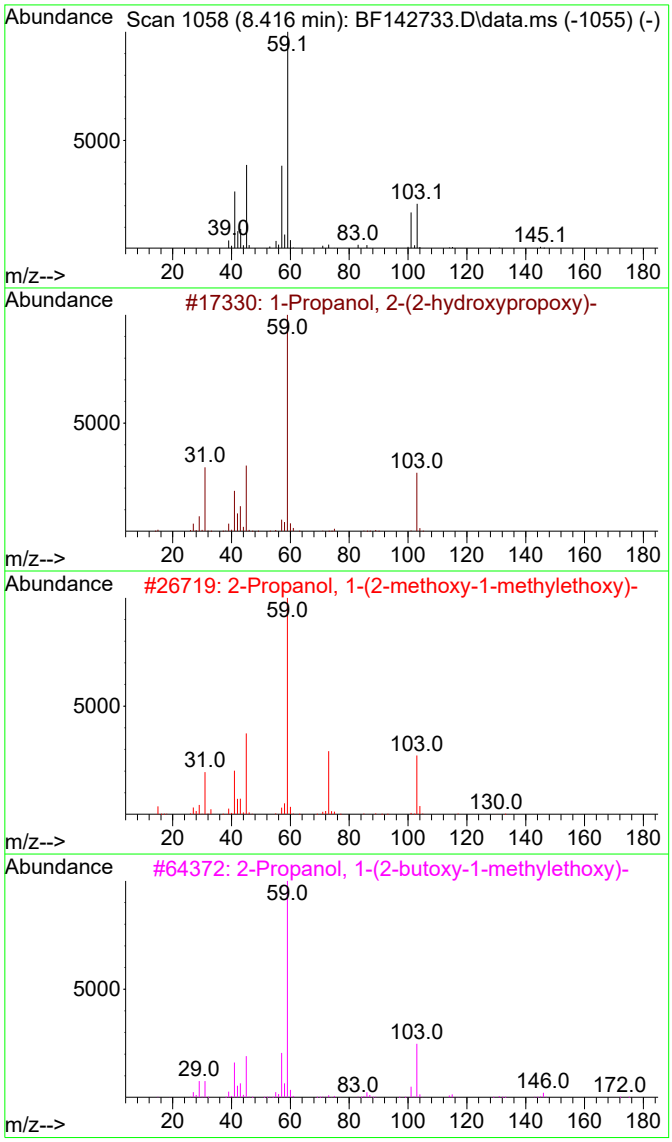
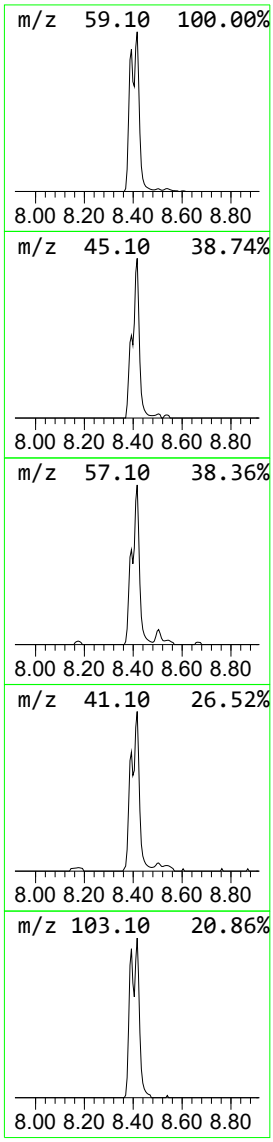
****
Peak Number 3 1-Propanol, 2-(2-hydroxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	8.18 ng	161836	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	50
3	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	45
4	1,2-Butanediol	90	C4H10O2	000584-03-2	45
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	43





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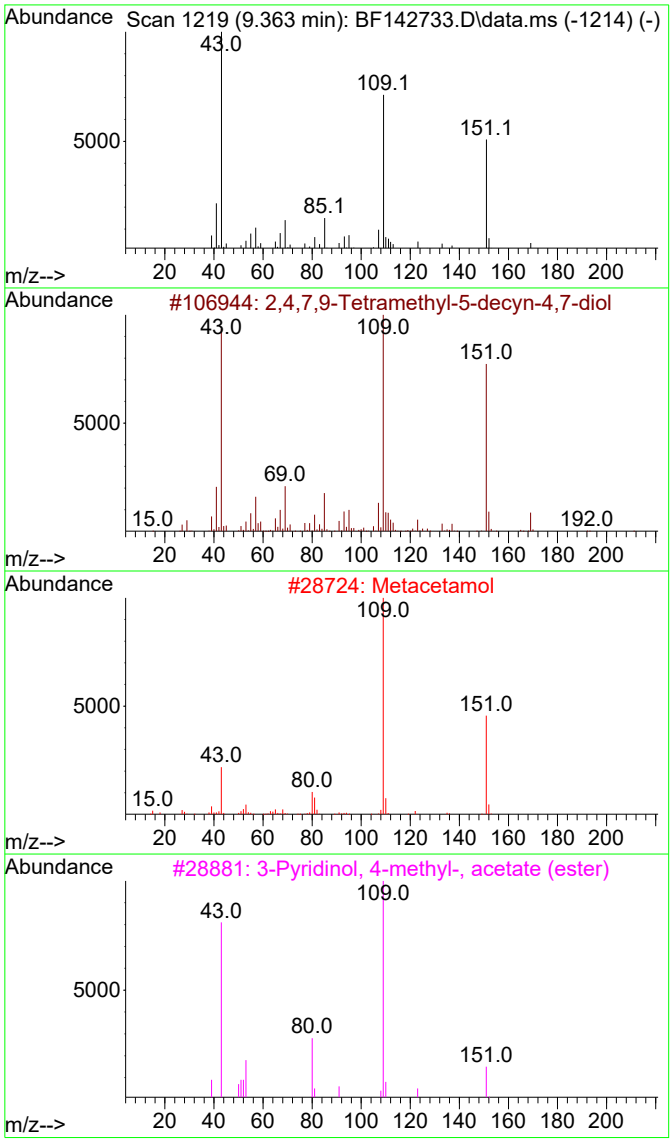
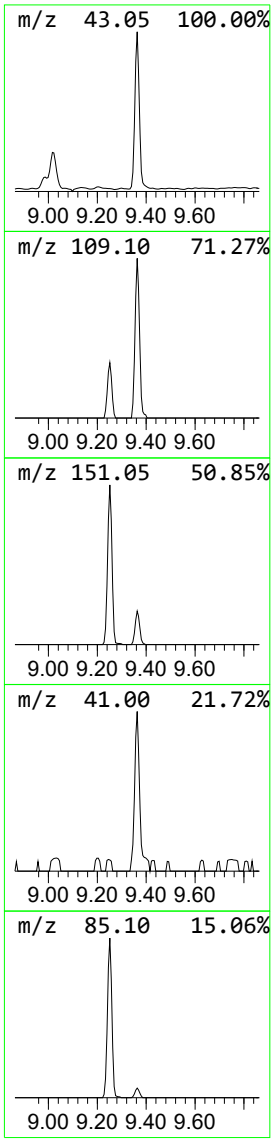
****

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	3.25 ng	70031	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	53
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	27
5	Guanine	151	C5H5N5O	000073-40-5	27





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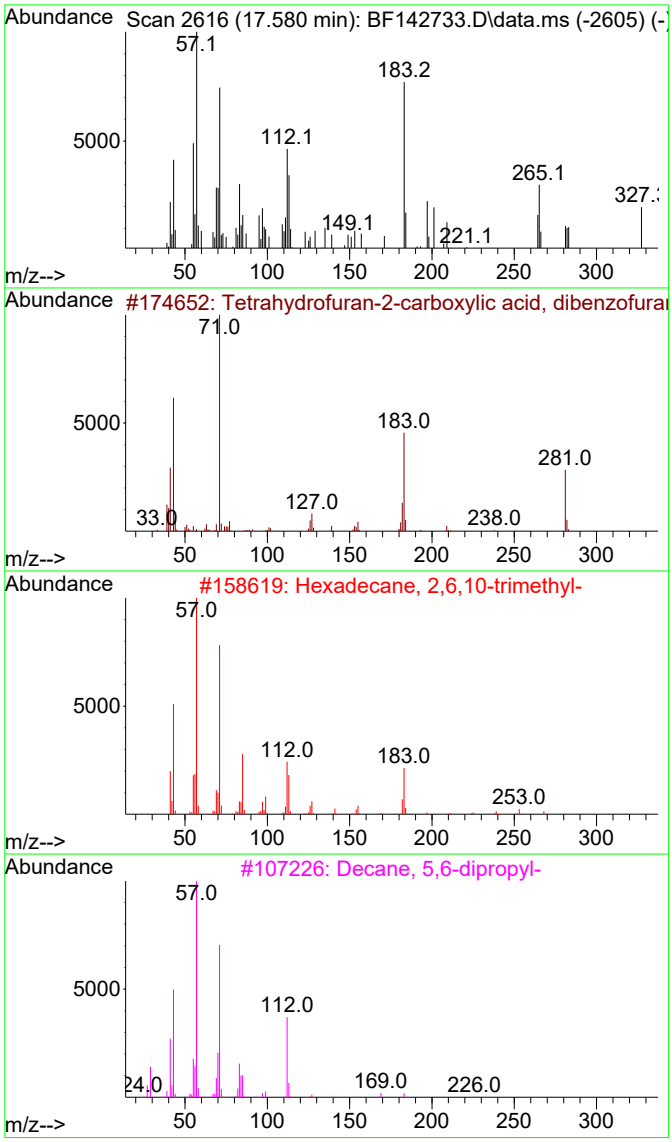
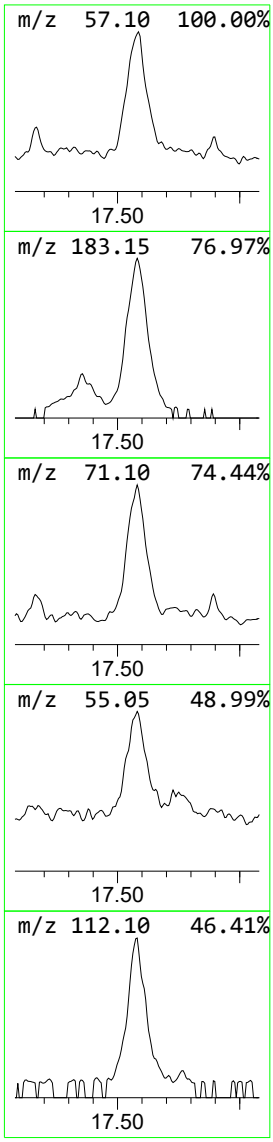
****

Peak Number 5 unknown17.580 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.580	8.34 ng	165141	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran-2-carboxylic aci...	281	C17H15NO3	1000316-12-2	43
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	40
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	27
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	22
5	Dodecanoic acid, pentafluorophen...	366	C18H23F5O2	1000360-54-1	22





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-...	5.098	8.8	ng	140728	1	6.892	319446	20.0
2-Propanol, 1-[...	8.392	5.4	ng	106609	2	8.175	395527	20.0
1-Propanol, 2-(...	8.416	8.2	ng	161836	2	8.175	395527	20.0
2,4,7,9-Tetrame...	9.363	3.3	ng	70031	3	9.933	431203	20.0
unknown17.580	17.580	8.3	ng	165141	6	15.562	396010	20.0