LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143581.D
Acq On : 22 Aug 2025 19:21
Operator : RC/JU
Sample : Q2924-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10C-082025

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	3	10	19	rVB	1718291	2817407	69.54%	11.885%
2	4.687	418	424	437	rBV	273310	379080	9.36%	1.599%
3	5.151	494	503	516	rBV2	109310	177976	4.39%	0.751%
4	5.557	567	572	601	rBV	995206	1364186	33.67%	5.755%
5	6.557	737	742	763	rBV	658226	874749	21.59%	3.690%
6	6.922	799	804	812	rBV	525426	645727	15.94%	2.724%
7	7.486	893	900	905	rBV	1536208	2146129	52.97%	9.053%
8	7.610	914	921	938	rVB	110253	227550	5.62%	0.960%
9	8.204	1017	1022	1039	rVB	686788	867232	21.41%	3.658%
10	9.280	1198	1205	1210	rBV	3070457	4051332	100.00%	17.090%
11	9.963	1315	1321	1330	rBV	848993	1067756	26.36%	4.504%
12	10.675	1437	1442	1449	rBV	79626	99598	2.46%	0.420%
13	10.757	1449	1456	1471	rBV	1921837	2719771	67.13%	11.473%
14	11.451	1569	1574	1581	rBV	850175	1073815	26.51%	4.530%
15	11.974	1658	1663	1677	rBV2	48157	103781	2.56%	0.438%
16	12.680	1778	1783	1792	rBV	41352	85867	2.12%	0.362%
17	13.039	1837	1844	1849	rBV	2654301	3716949	91.75%	15.680%
18	13.933	1992	1996	2012	rVB6	14672	42189	1.04%	0.178%
19	14.092	2018	2023	2033	rVB	471644	619375	15.29%	2.613%
20	14.710	2124	2128	2133	rBV	57701	77452	1.91%	0.327%
21	15.592	2272	2278	2288	rBV	331605	547409	13.51%	2.309%

Sum of corrected areas: 23705330

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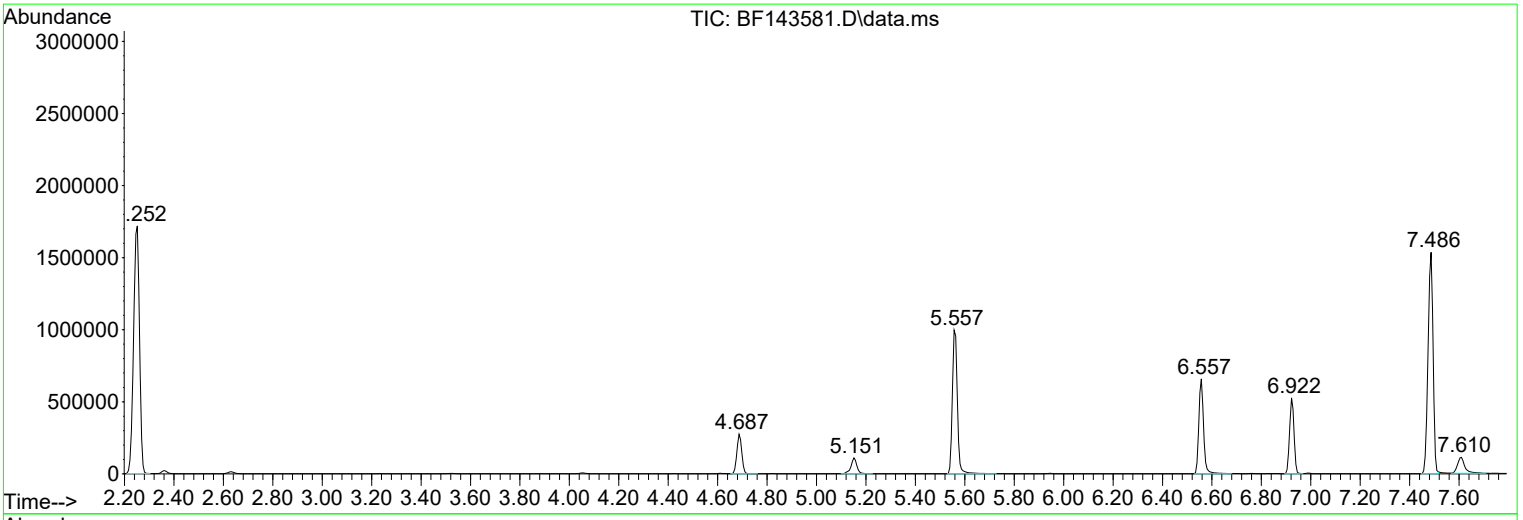
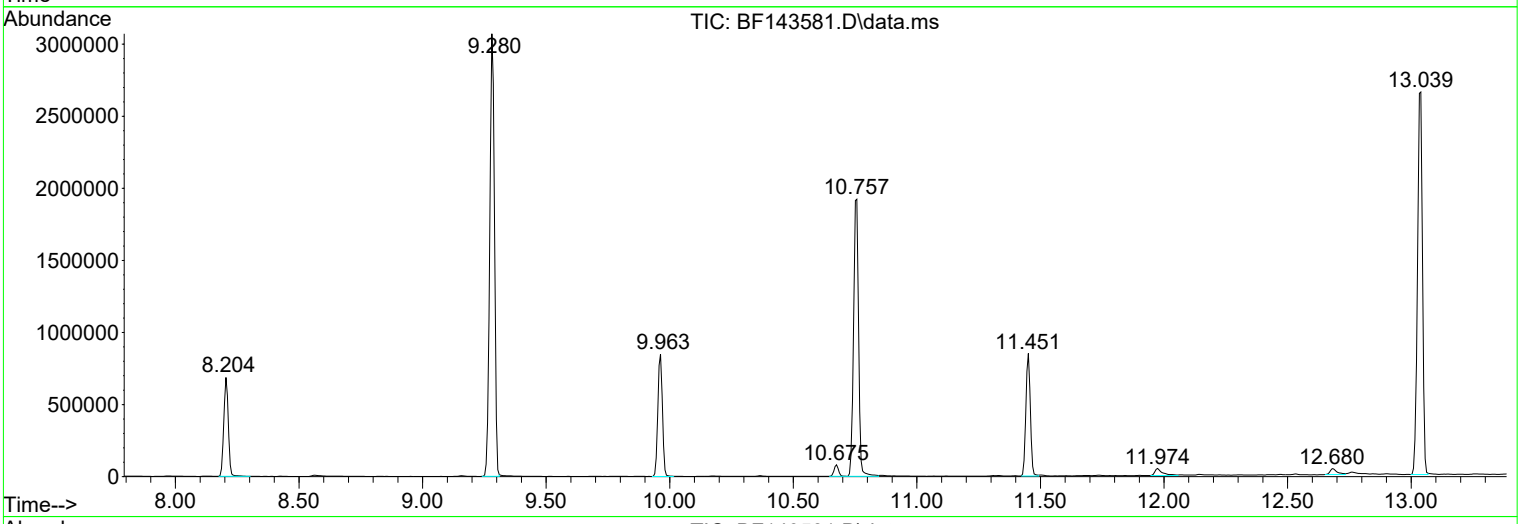
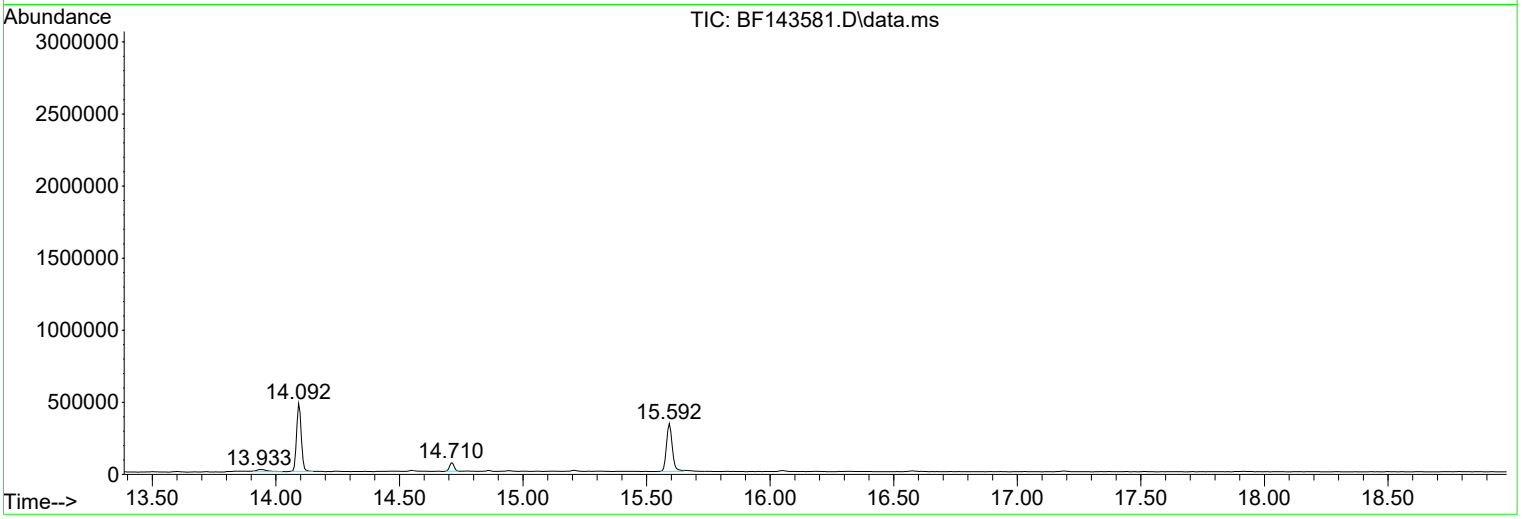
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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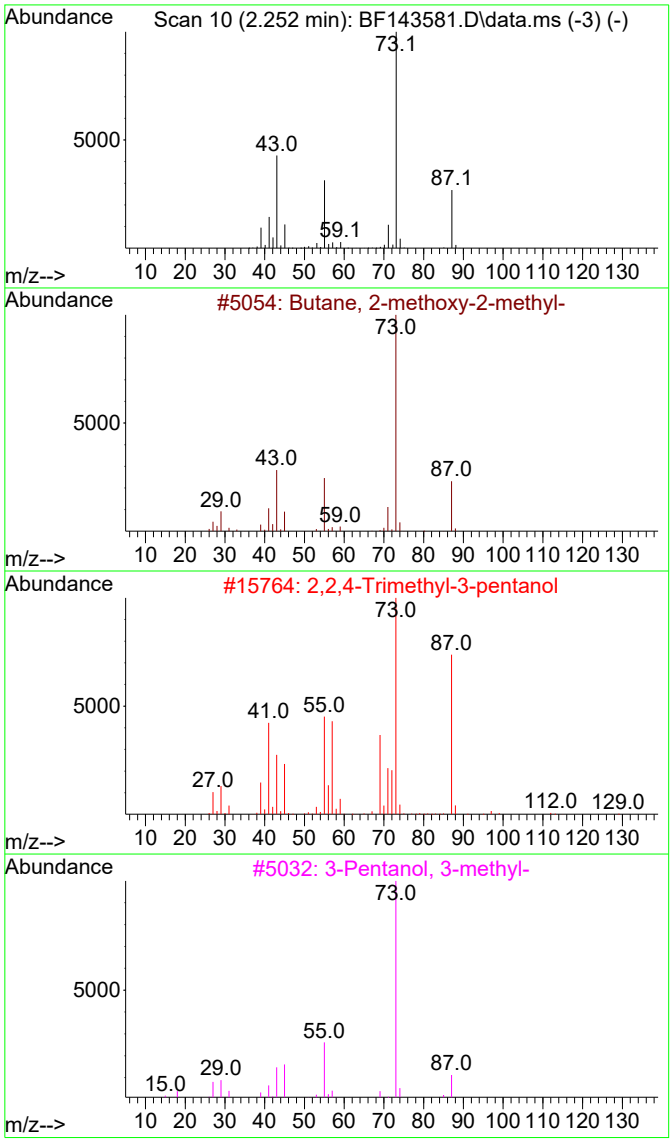
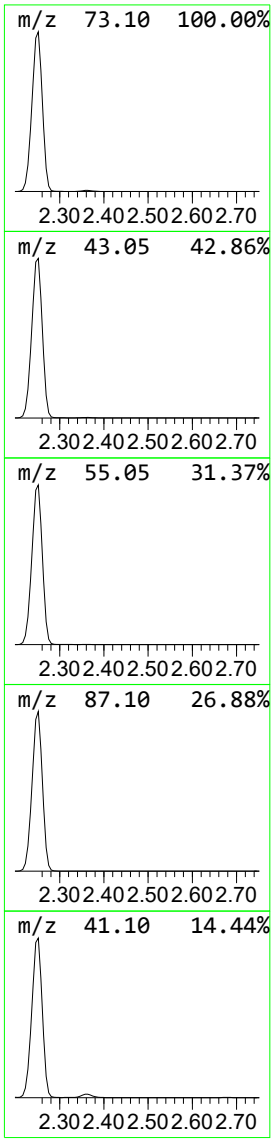
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	87.26 ng	2817410	1,4-Dichlorobenzene-d4	6.922

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, 3-methyl-	102	C6H14O	000077-74-7	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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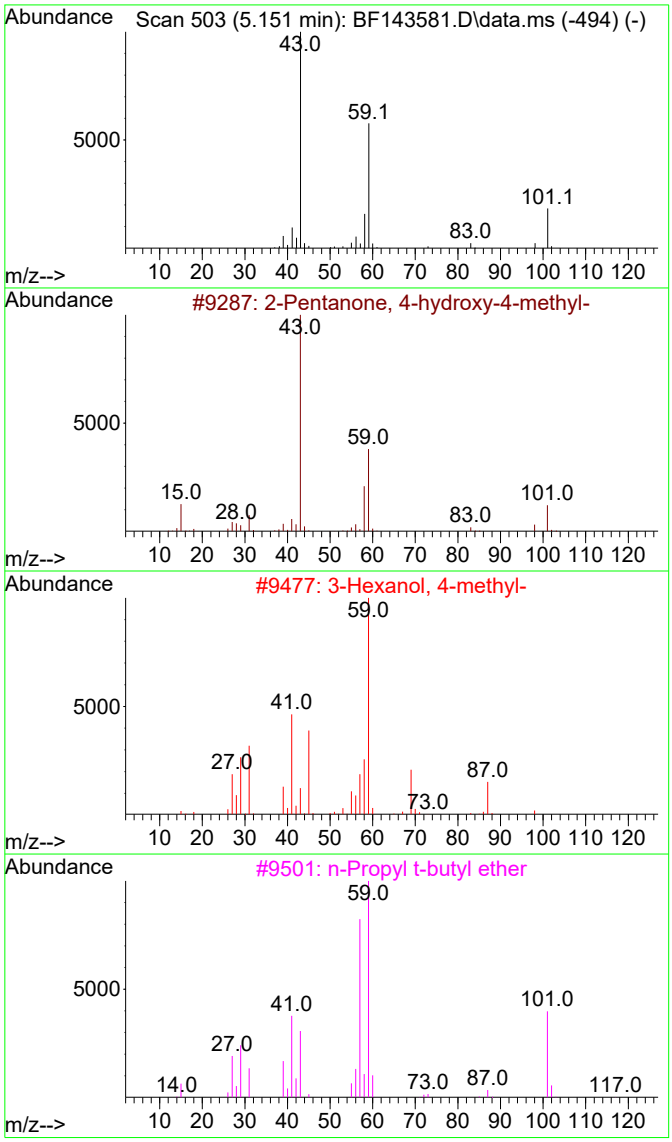
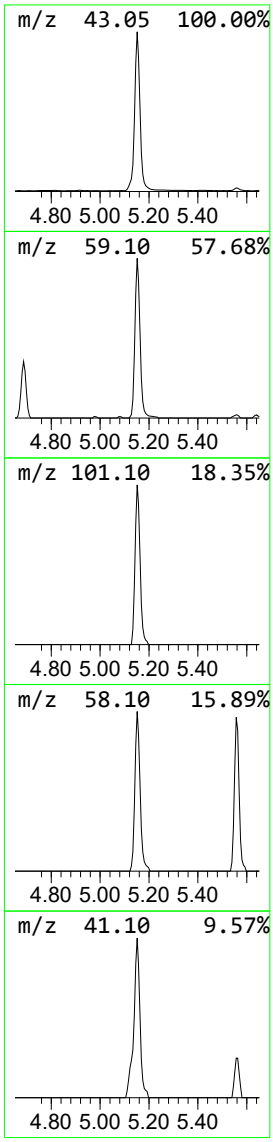
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.151	5.51 ng	177976	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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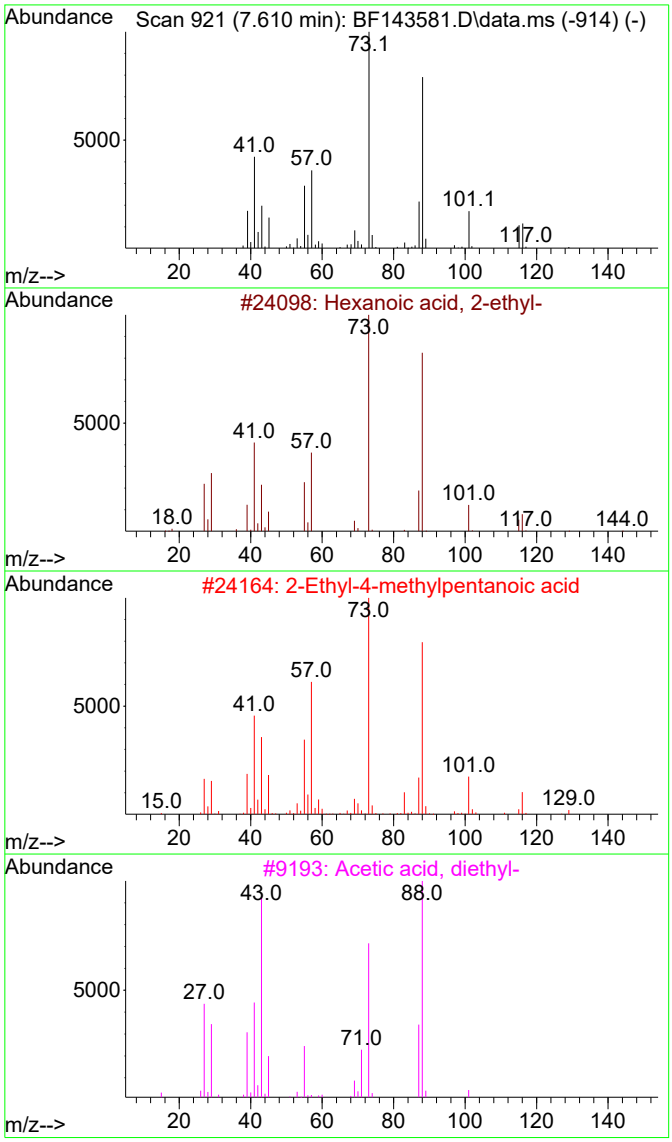
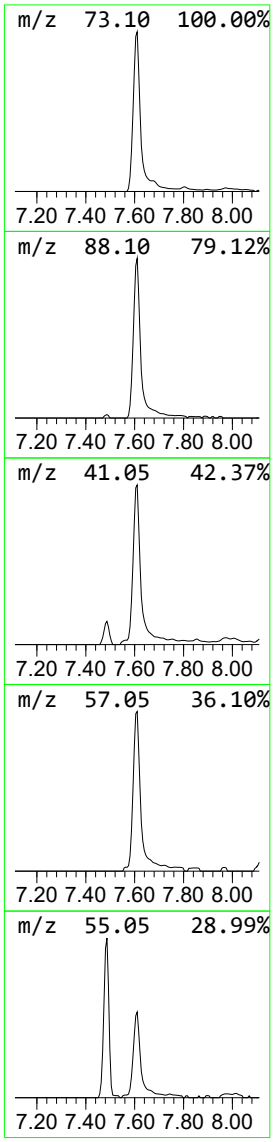
****
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	5.25 ng	227550	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	45
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	45
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42





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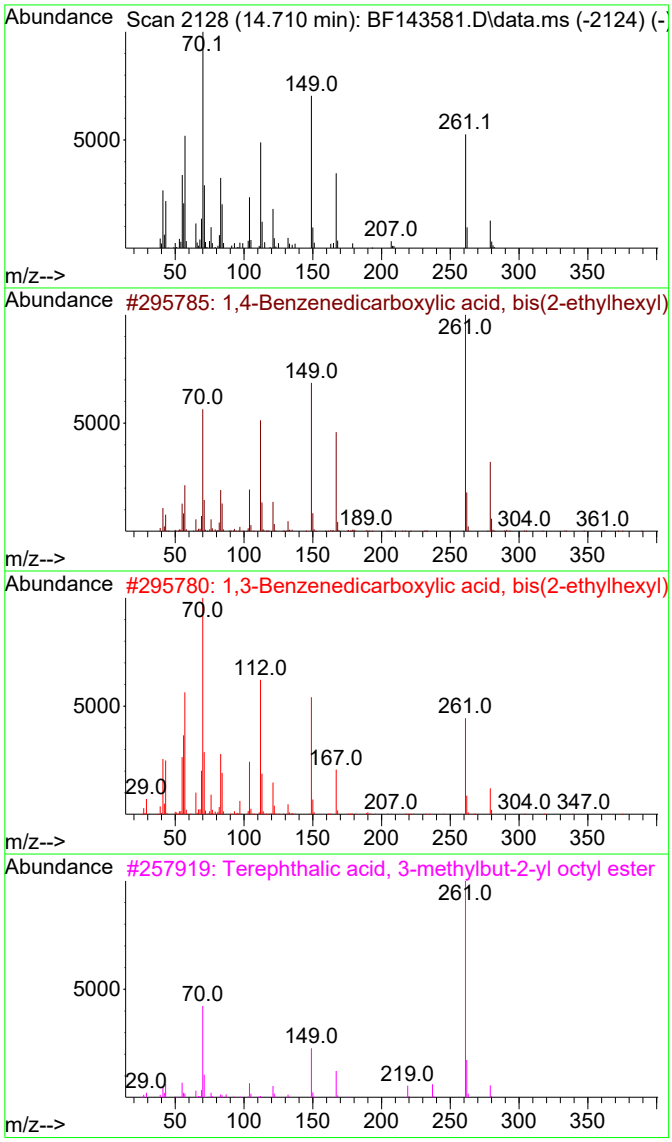
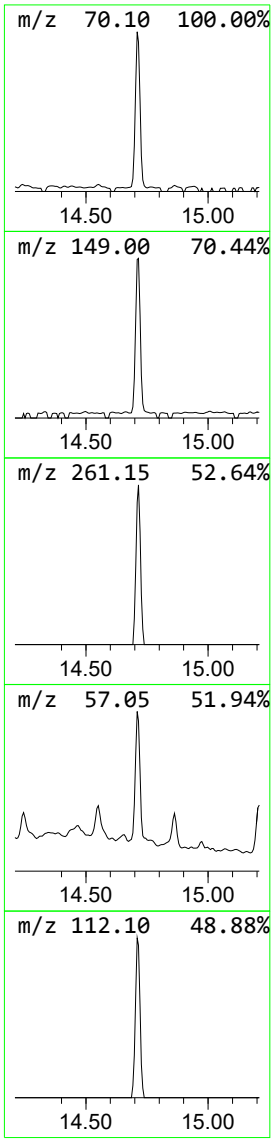
****
Peak Number 5 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	2.50 ng	77452	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	83
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
4	Cyclohexaneamine, N-but-2-enylid...	167	C10H17NO	068048-01-1	27
5	Isophthalic acid, octyl 1-propyl...	376	C23H36O4	1000356-40-3	22





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...	2.252	87.3	ng	2817410	1	6.922	645727	20.0
2-Pentanone, 4-...	5.151	5.5	ng	177976	1	6.922	645727	20.0
Hexanoic acid, ...	7.610	5.3	ng	227550	2	8.204	867232	20.0
1,4-Benzenedica...	14.710	2.5	ng	77452	5	14.092	619375	20.0