LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143037.D
Acq On : 08 Jul 2025 17:07
Operator : RC/JU
Sample : Q2514-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-92

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143037.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	483	491	502	rBV	54804	83163	7.92%	1.194%
2	5.492	556	561	576	rBV	650797	859813	81.87%	12.348%
3	6.504	727	733	752	rBV	654765	856940	81.59%	12.307%
4	6.869	790	795	805	rBV	234339	290017	27.61%	4.165%
5	7.434	886	891	910	rBV	441385	557446	53.08%	8.006%
6	8.157	1009	1014	1028	rBV	307777	382598	36.43%	5.495%
7	9.233	1191	1197	1202	rBV	825057	1050244	100.00%	15.083%
8	9.916	1308	1313	1318	rBV	334991	423185	40.29%	6.078%
9	10.627	1429	1434	1442	rBV	116816	146668	13.97%	2.106%
10	10.704	1442	1447	1460	rVV	364053	460837	43.88%	6.618%
11	10.933	1477	1486	1492	rVB	19990	27496	2.62%	0.395%
12	11.404	1561	1566	1573	rBV	317681	392373	37.36%	5.635%
13	12.992	1830	1836	1841	rBV	534188	686369	65.35%	9.857%
14	13.715	1947	1959	1972	rVB	7285	33186	3.16%	0.477%
15	13.839	1975	1980	1983	rBV	11754	17886	1.70%	0.257%
16	13.886	1983	1988	1989	rBV	24407	33816	3.22%	0.486%
17	13.915	1989	1993	1999	rVB	39042	63901	6.08%	0.918%
18	14.051	2012	2016	2023	rVB	200167	259768	24.73%	3.731%
19	14.815	2143	2146	2151	rVB	7932	10833	1.03%	0.156%
20	15.551	2265	2271	2279	rVB	212640	326505	31.09%	4.689%

Sum of corrected areas: 6963044

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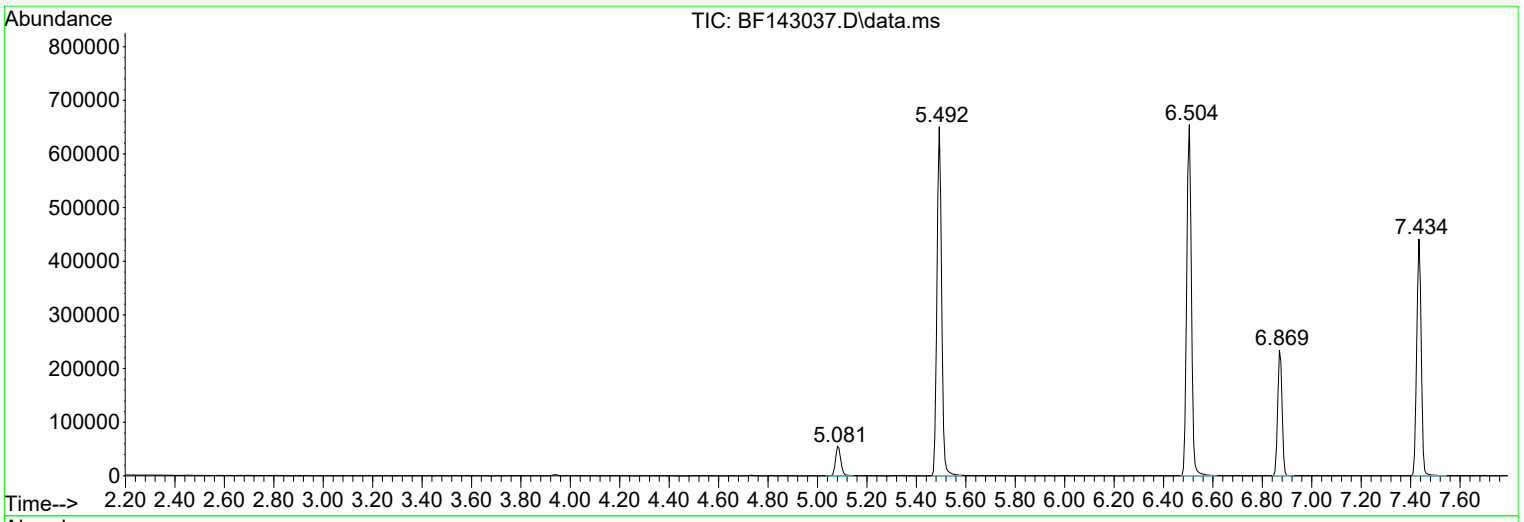
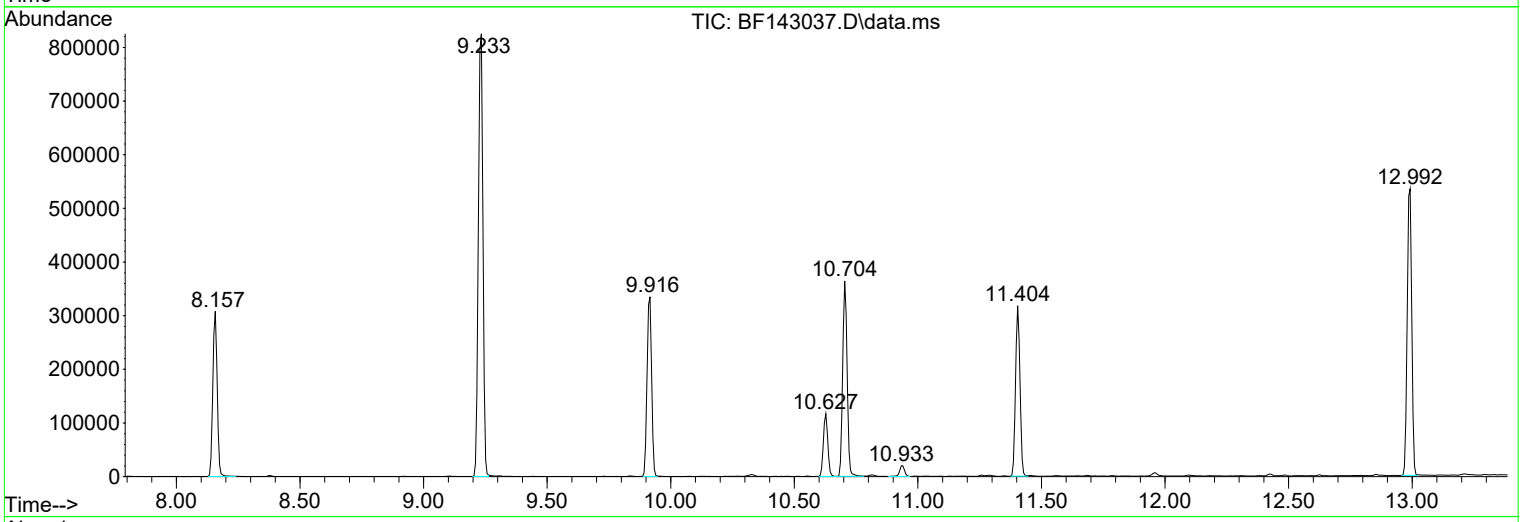
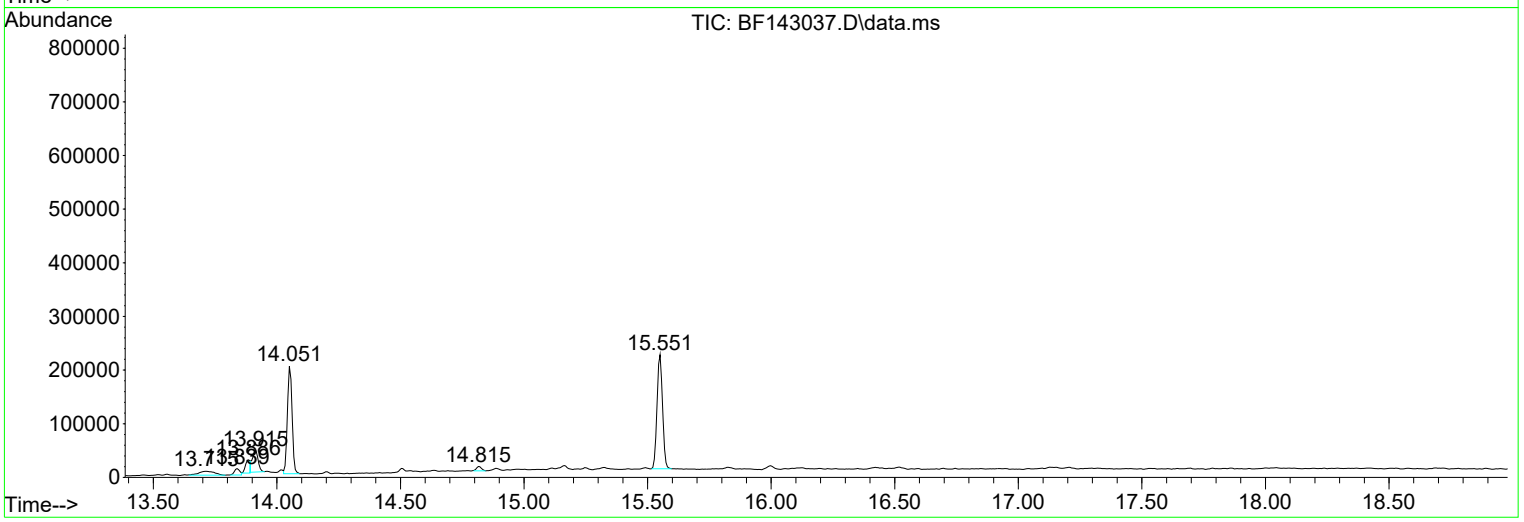
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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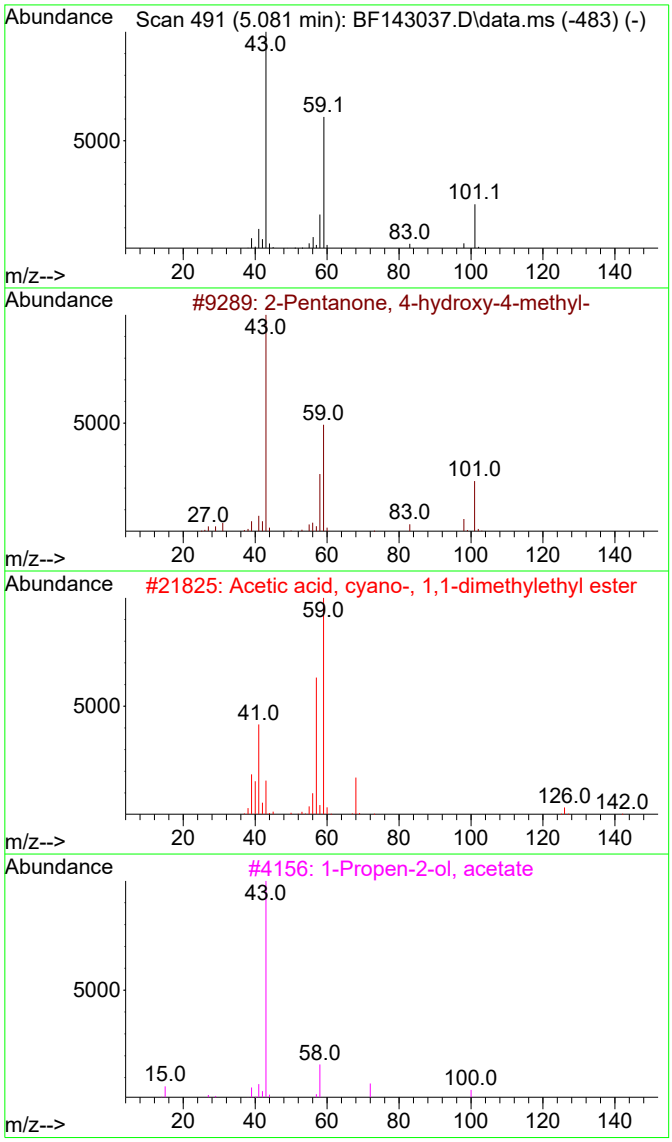
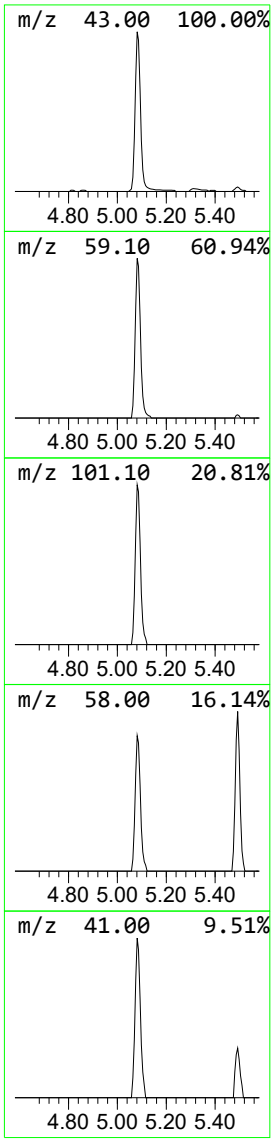
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	5.74 ng	83163	1,4-Dichlorobenzene-d4	6.869

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	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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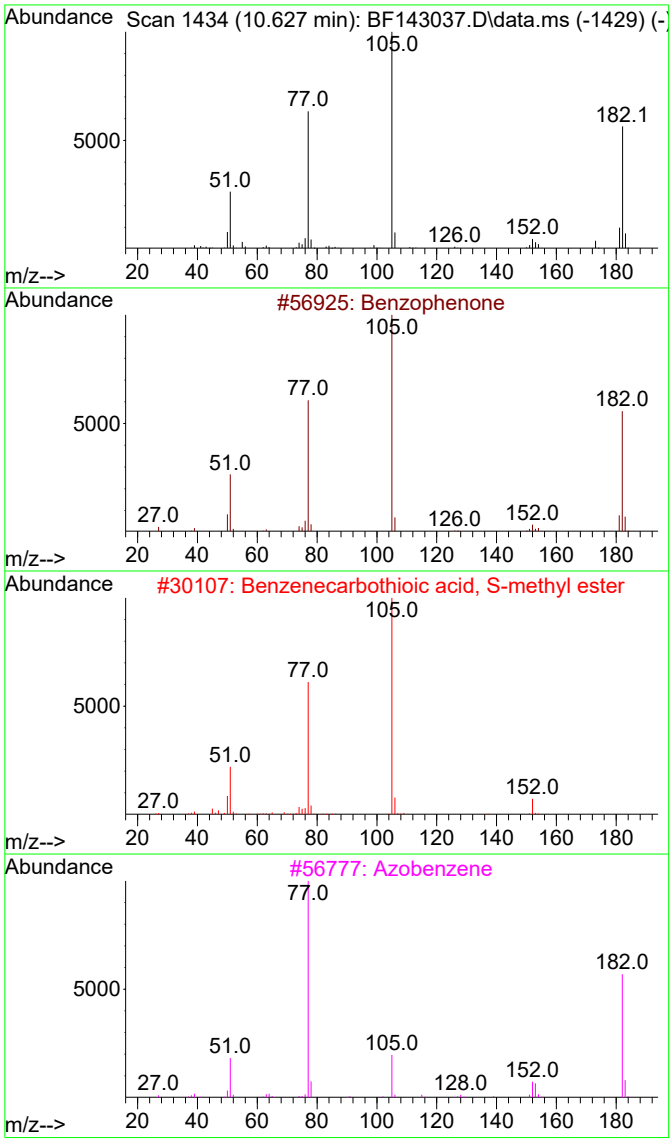
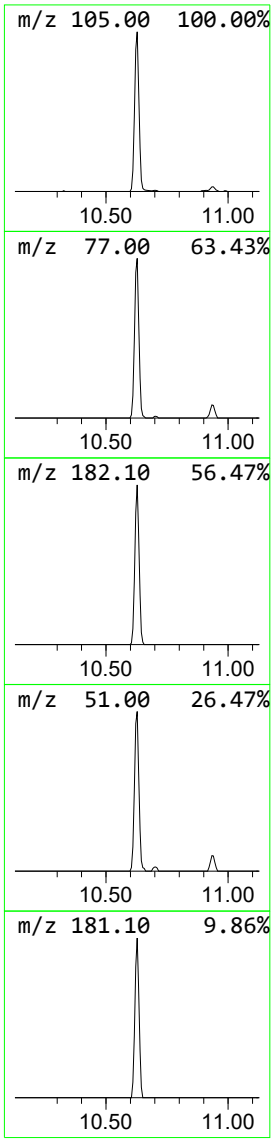
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	6.93 ng	146668	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	60
3	Azobenzene	182	C12H10N2	000103-33-3	53
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	46
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





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Sample : Q2514-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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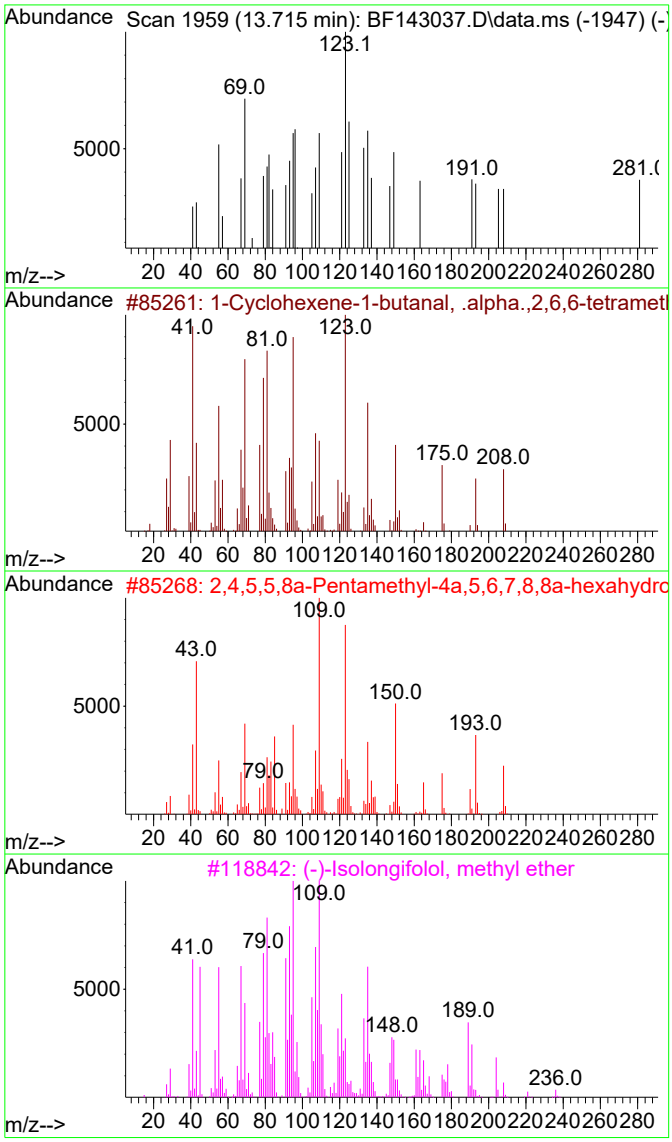
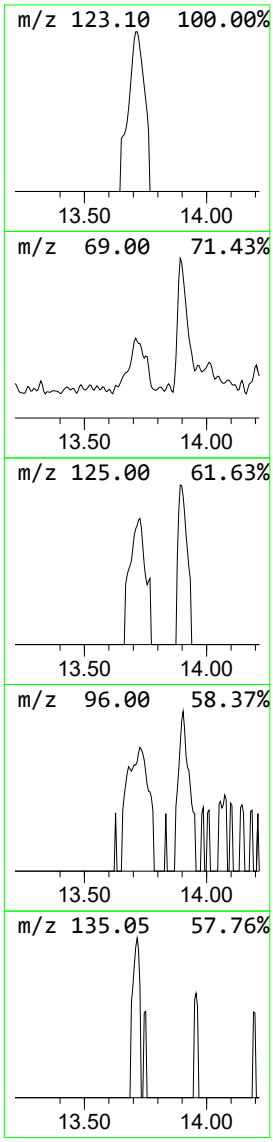
Peak Number 3 unknown13.716 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	2.56 ng	33186	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-butanal, .alpha....	208	C14H24O	021632-06-4	43
2	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1010195-30-1	35
3	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	27
4	5-(3,3-Dimethylbicyclo[2.2.1]hep...	206	C14H22O	1000497-97-7	22
5	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	18





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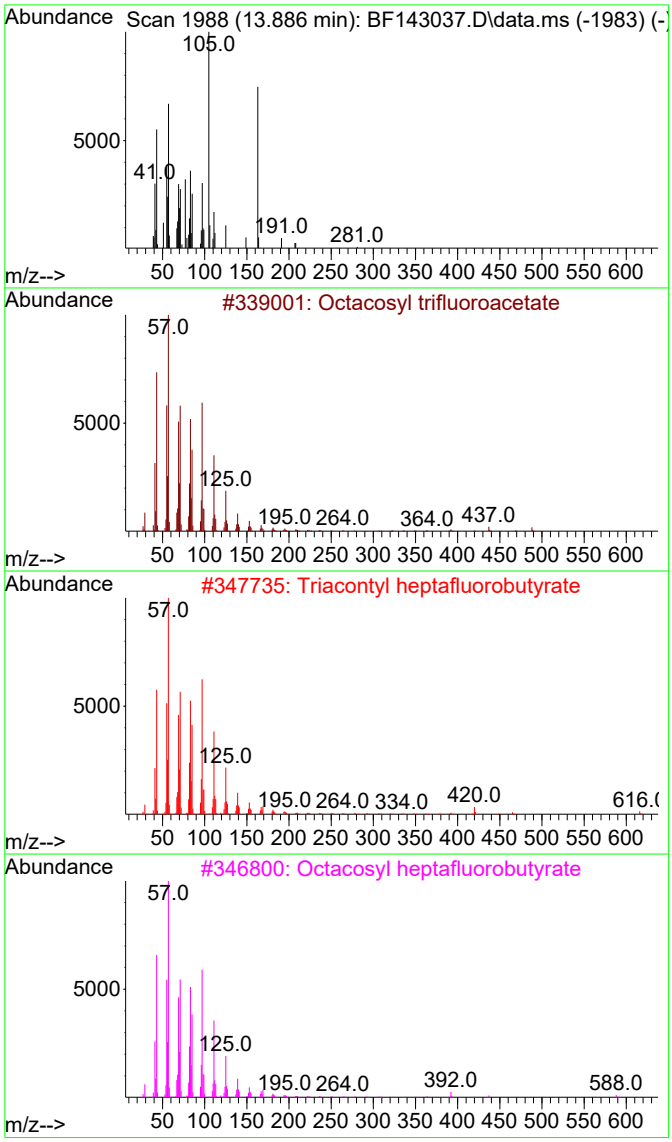
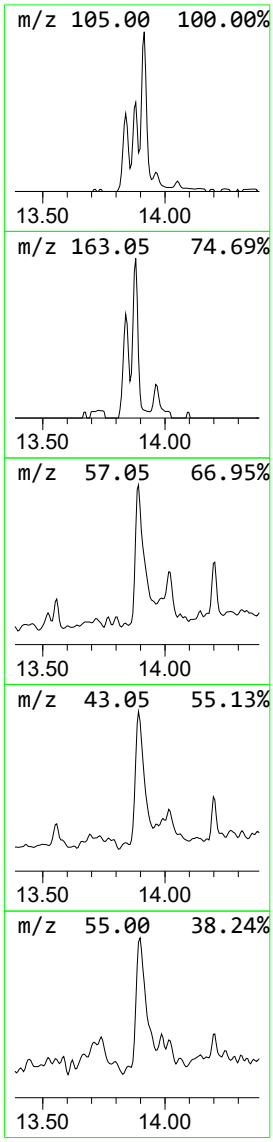
Peak Number 4 unknown13.886 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.60 ng	33816	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	38
2	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	30
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	30
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	30
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	30





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ALS Vial : 14 Sample Multiplier: 1

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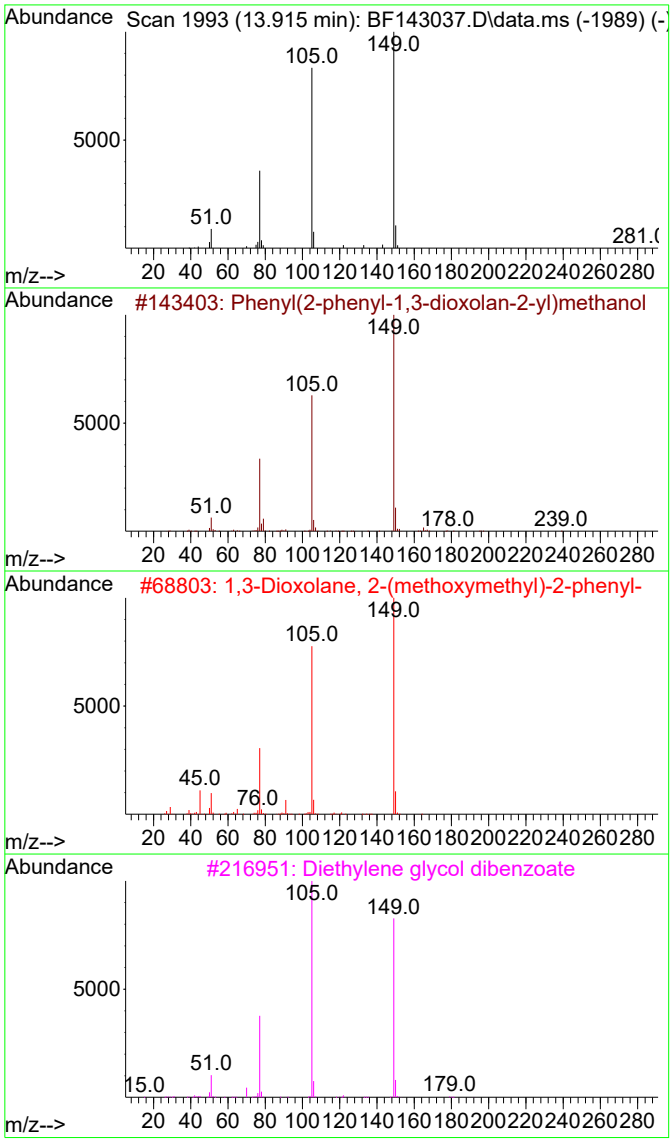
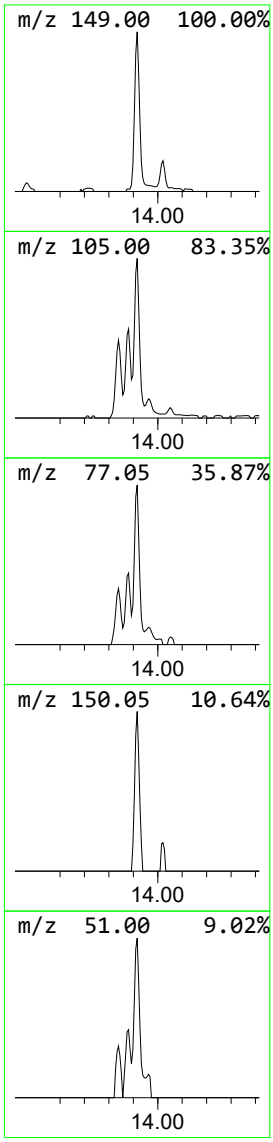
Peak Number 5 Phenyl(2-phenyl-1,3-dioxola... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	4.92 ng	63901	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	83
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	83
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
4	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	78
5	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72





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-...	5.081	5.7	ng	83163	1	6.869	290017	20.0
Benzophenone	10.627	6.9	ng	146668	3	9.916	423185	20.0
unknown13.716	13.716	2.6	ng	33186	5	14.051	259768	20.0
unknown13.886	13.886	2.6	ng	33816	5	14.051	259768	20.0
Phenyl(2-phenyl...	13.916	4.9	ng	63901	5	14.051	259768	20.0