LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
Data File : BF143171.D
Acq On : 21 Jul 2025 15:00
Operator : RC/JU
Sample : Q2651-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH 2-1

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143171.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	11	18	29	rVB	636911	996989	46.45%	6.014%
2	5.187	502	509	516	rBV	143949	205273	9.56%	1.238%
3	5.587	571	577	582	rBV	1430381	1849338	86.15%	11.156%
4	6.575	739	745	750	rBV	1426710	1873745	87.29%	11.303%
5	6.963	805	811	816	rVB	627974	777473	36.22%	4.690%
6	7.516	899	905	910	rBV	922924	1181065	55.02%	7.125%
7	8.239	1023	1028	1033	rBV	795760	984286	45.85%	5.938%
8	9.316	1205	1211	1216	rBV	1756446	2146546	100.00%	12.949%
9	9.998	1321	1327	1332	rBV	789234	977316	45.53%	5.896%
10	10.704	1442	1447	1452	rBV	151294	181591	8.46%	1.095%
11	10.780	1455	1460	1469	rBV	816909	1016524	47.36%	6.132%
12	11.016	1496	1500	1505	rVB	18004	22010	1.03%	0.133%
13	11.480	1574	1579	1587	rBV	653207	824779	38.42%	4.975%
14	12.004	1661	1668	1679	rBV	216126	334268	15.57%	2.016%
15	12.092	1680	1683	1691	rVB2	11304	22342	1.04%	0.135%
16	12.692	1781	1785	1790	rBV	19705	30171	1.41%	0.182%
17	12.786	1796	1801	1809	rBV	37635	62383	2.91%	0.376%
18	12.921	1820	1824	1837	rVB	29558	45544	2.12%	0.275%
19	13.063	1843	1848	1853	rBV	1227951	1512103	70.44%	9.122%
20	13.957	1996	2000	2012	rBV2	97648	195243	9.10%	1.178%
21	14.116	2022	2027	2035	rBV	542581	736386	34.31%	4.442%
22	14.210	2039	2043	2049	rBV	39130	65277	3.04%	0.394%
23	15.621	2278	2283	2289	rBV	350306	536388	24.99%	3.236%

Sum of corrected areas: 16577040

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ClientSampleId :
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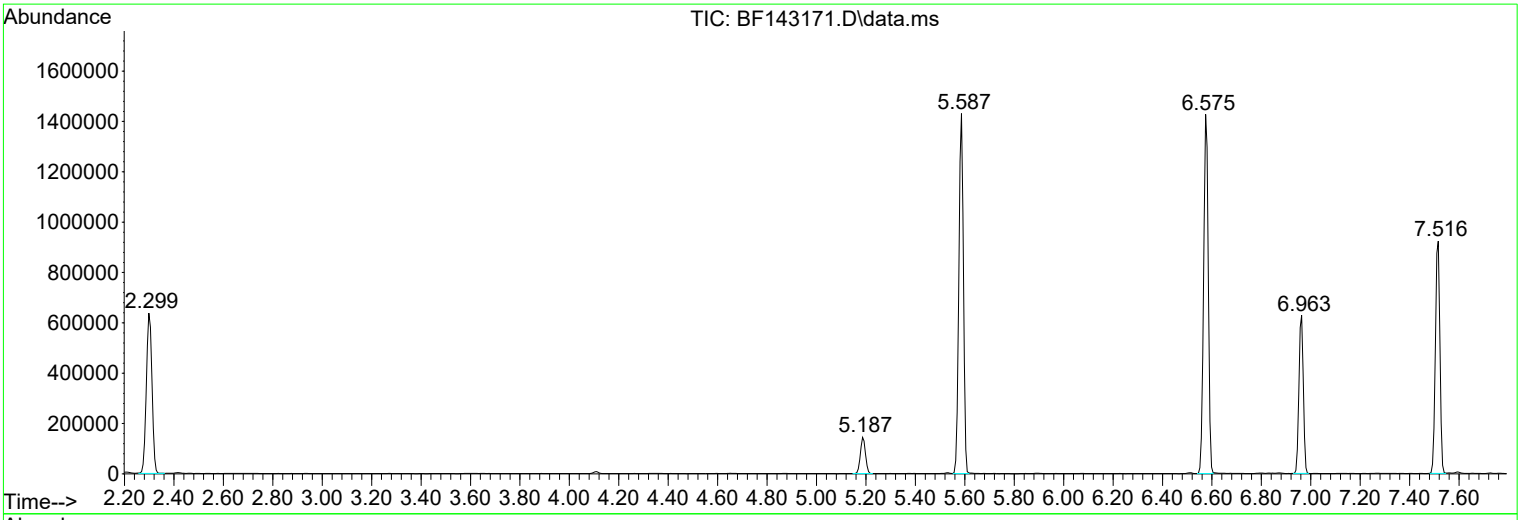
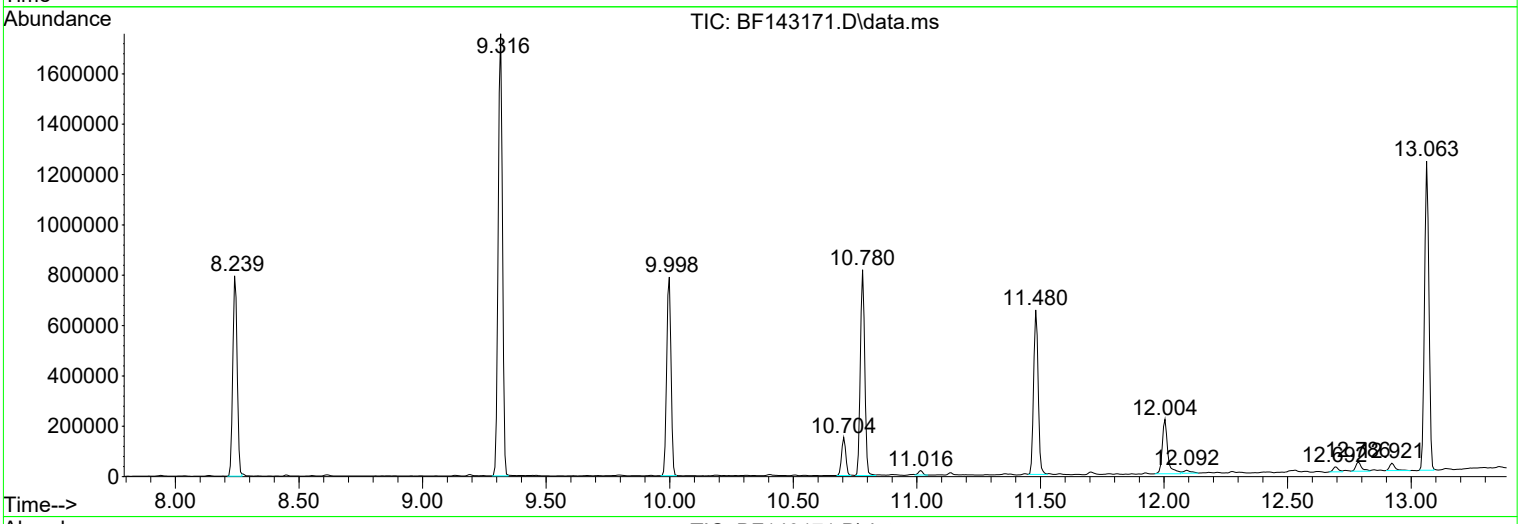
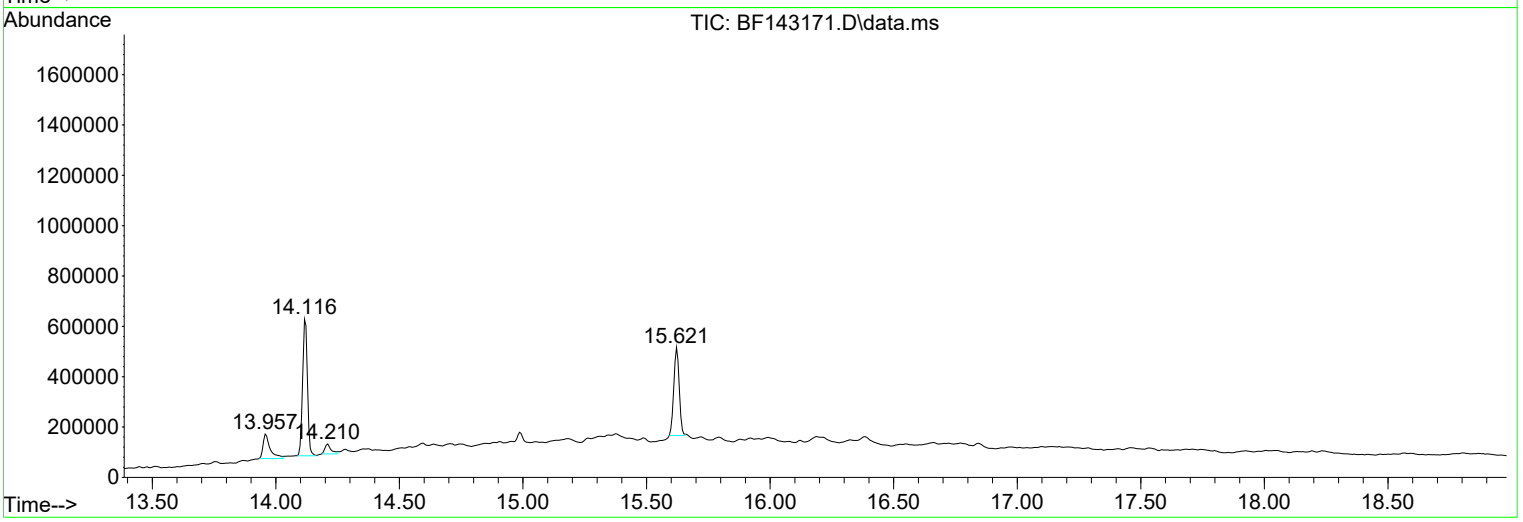
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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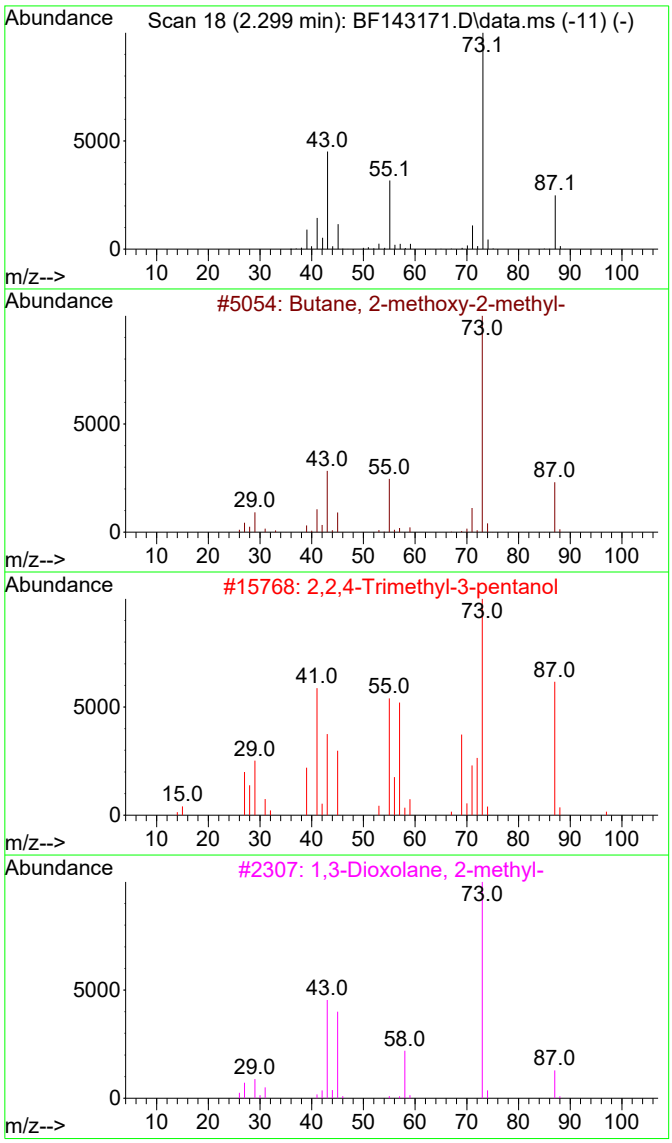
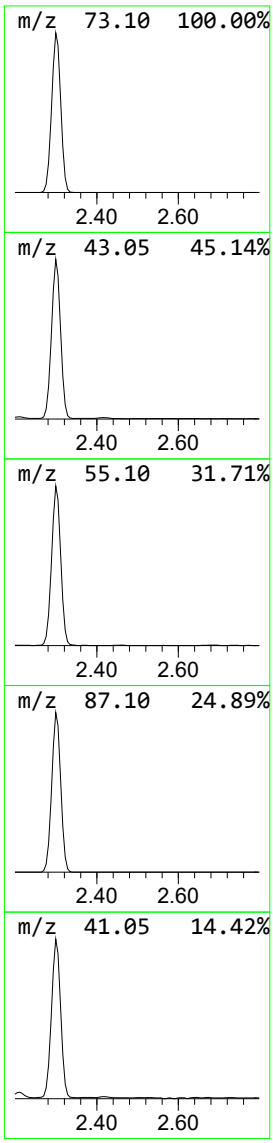
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.299	25.65 ng	996989	1,4-Dichlorobenzene-d4	6.963

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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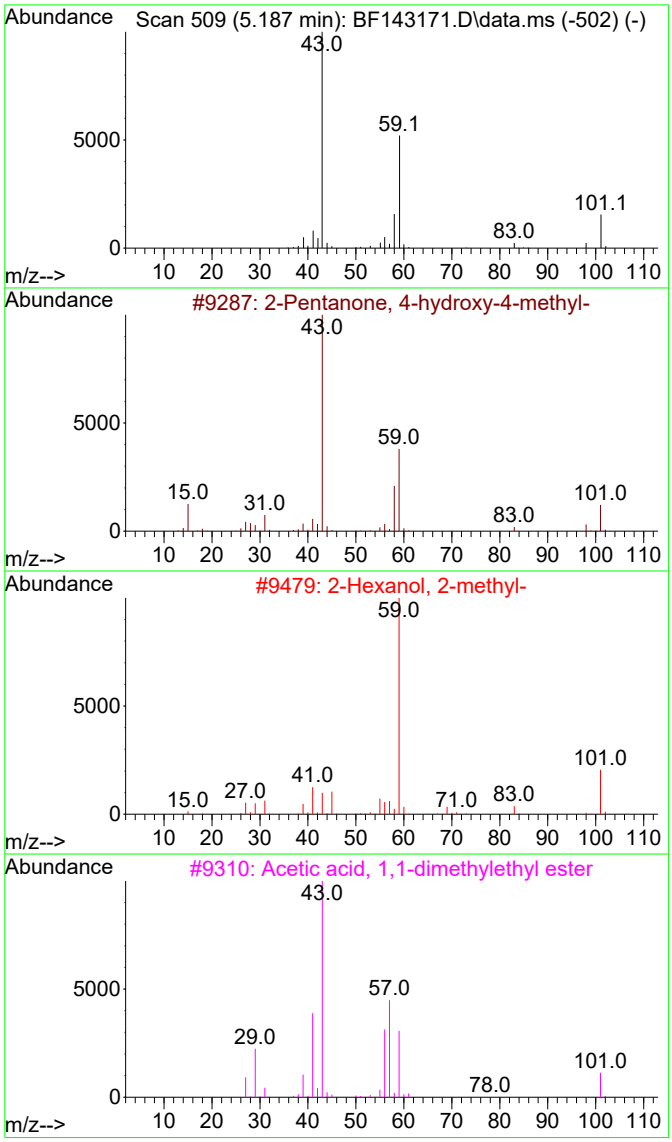
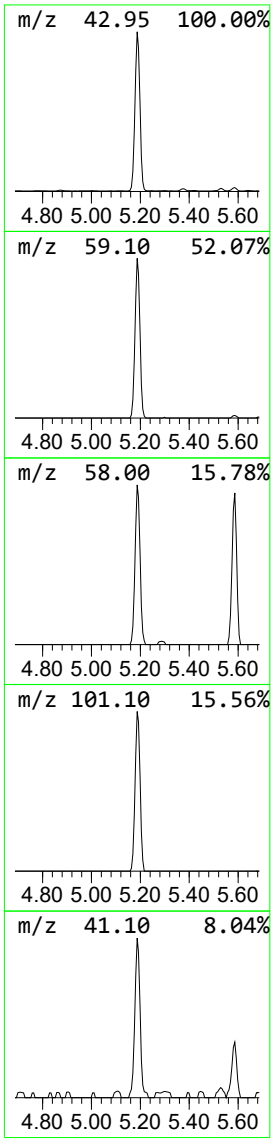
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	5.28 ng	205273	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Sample : Q2651-01
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BNA_F
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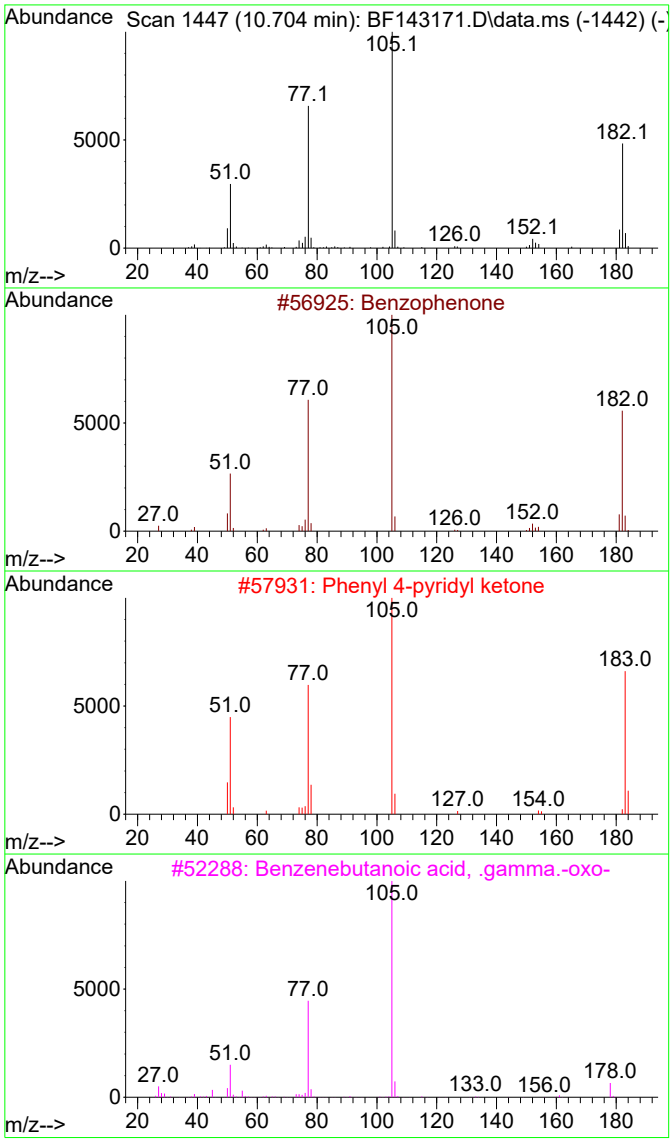
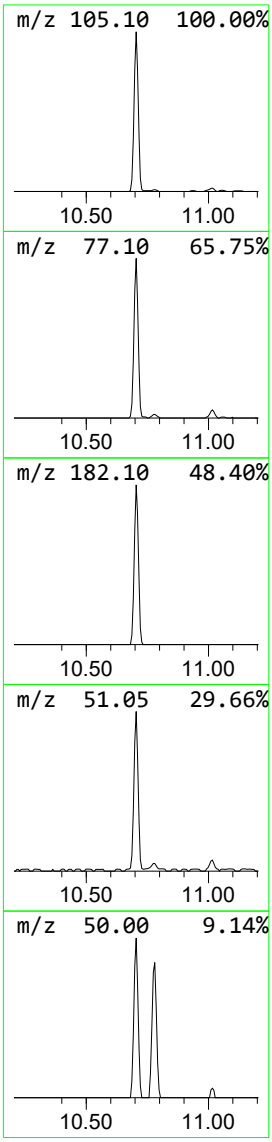
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.72 ng	181591	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	50
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	50





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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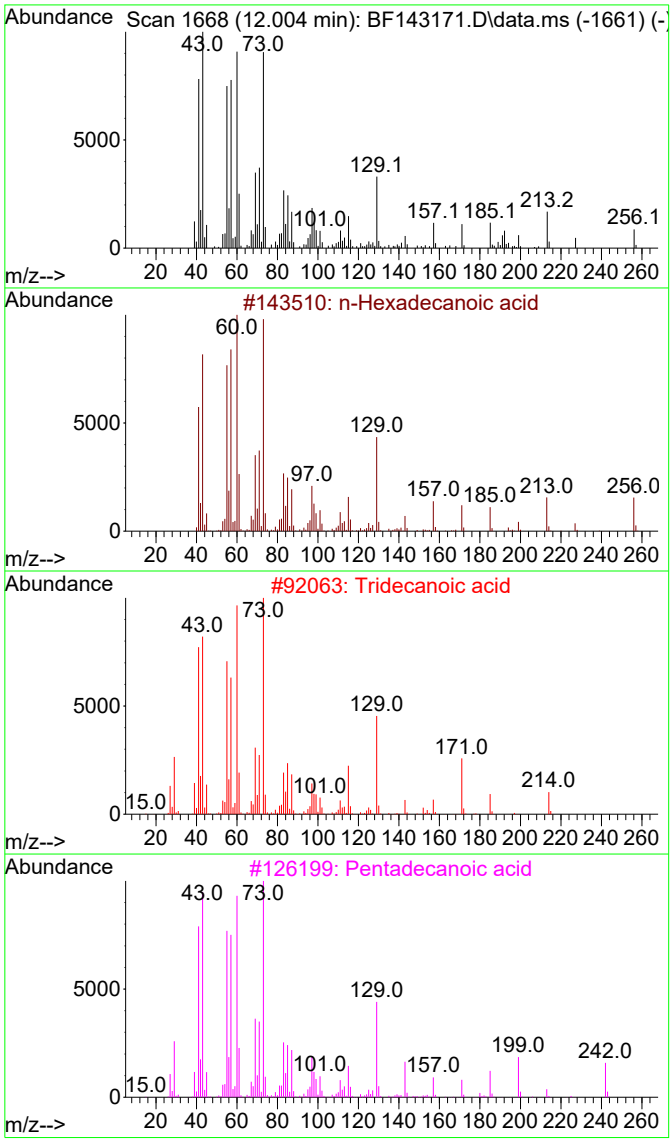
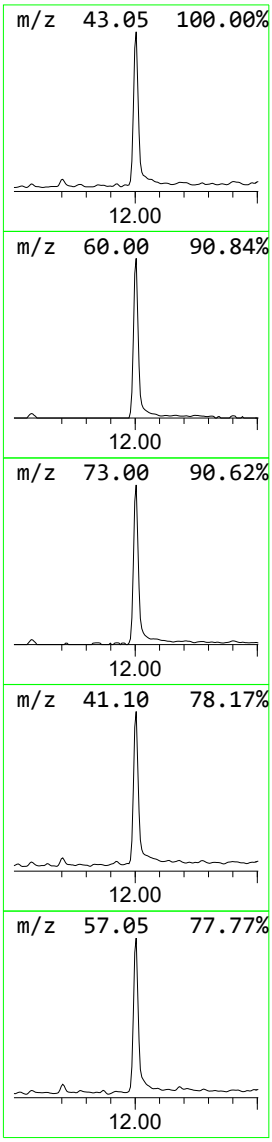
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	8.11 ng	334268	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Instrument :
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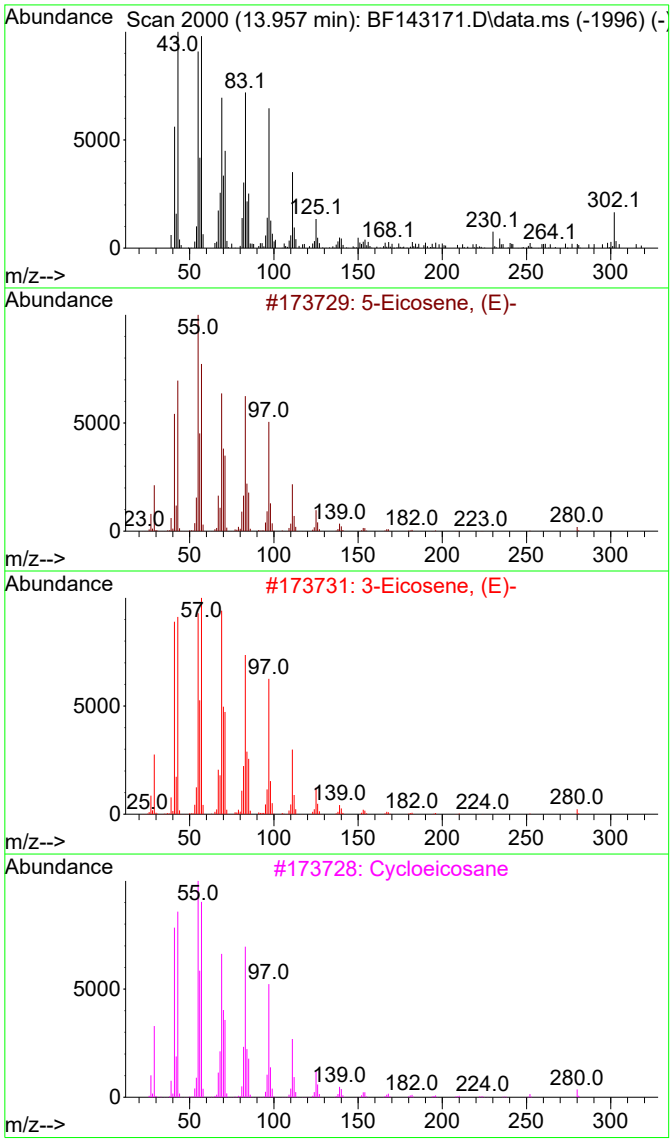
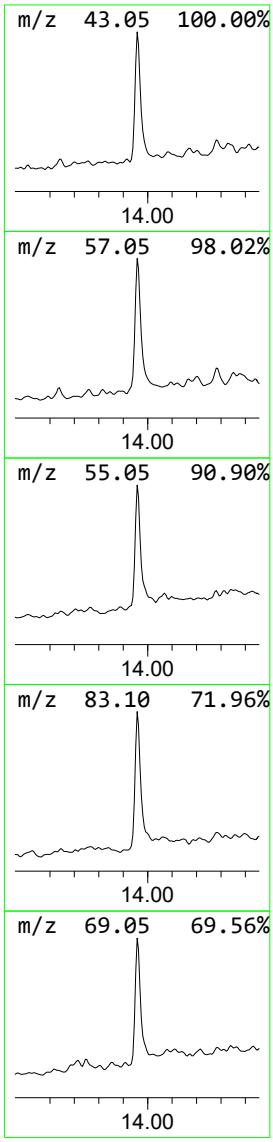
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	5.30 ng	195243	Chrysene-d12	14.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
3	Cycloeicosane	280	C20H40	000296-56-0	93
4	1-Octadecene	252	C18H36	000112-88-9	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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...	2.299	25.6	ng	996989	1	6.963	777473	20.0
2-Pentanone, 4-...	5.187	5.3	ng	205273	1	6.963	777473	20.0
Benzophenone	10.704	3.7	ng	181591	3	9.998	977316	20.0
n-Hexadecanoic ...	12.004	8.1	ng	334268	4	11.480	824779	20.0
5-Eicosene, (E)-	13.957	5.3	ng	195243	5	14.116	736386	20.0