LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090564.D
Acq On : 14 Oct 2016 12:28
Operator : UM/SJ
Sample : H4977-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13T

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:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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	5.103	240	242	252	rBV	770054	1169863	26.57%	3.001%
2	5.526	276	279	305	rBV	2777330	3304299	75.05%	8.477%
3	6.554	366	369	378	rBV	2700303	3640661	82.69%	9.340%
4	6.692	378	381	383	rBV	2432630	3512716	79.78%	9.012%
5	6.920	399	401	412	rBV	736892	970892	22.05%	2.491%
6	7.069	412	414	417	rBV	1891780	2394945	54.40%	6.144%
7	7.480	447	450	456	rBV	1581818	1996493	45.35%	5.122%
8	7.572	456	458	466	rVV2	66796	217370	4.94%	0.558%
9	7.686	466	468	479	rVB	28684	65613	1.49%	0.168%
10	8.200	511	513	522	rBV	1027967	1422477	32.31%	3.649%
11	8.326	522	524	531	rVB	18452	50132	1.14%	0.129%
12	9.286	605	608	610	rBV	3506778	4036777	91.69%	10.356%
13	9.675	640	642	654	rVB	1391866	1339604	30.43%	3.437%
14	9.961	665	667	679	rVB	1896152	1808107	41.07%	4.639%
15	10.372	701	703	704	rBV	46016	62307	1.42%	0.160%
16	10.612	721	724	727	rBV	31240	48036	1.09%	0.123%
17	10.749	734	736	745	rBV	2400937	3026694	68.74%	7.765%
18	10.863	745	746	753	rVB	84845	147206	3.34%	0.378%
19	11.309	784	785	787	rBV	40730	62264	1.41%	0.160%
20	11.446	795	797	810	rBV	1437663	1887317	42.87%	4.842%
21	11.675	814	817	821	rBV	179452	227586	5.17%	0.584%
22	13.035	934	936	949	rBV	3877061	4402826	100.00%	11.295%
23	13.927	1012	1014	1020	rBV2	158651	266851	6.06%	0.685%
24	14.087	1026	1028	1040	rVB	1174916	1697501	38.55%	4.355%
25	15.550	1153	1156	1168	rVB	688408	1221344	27.74%	3.133%

Sum of corrected areas: 38979881

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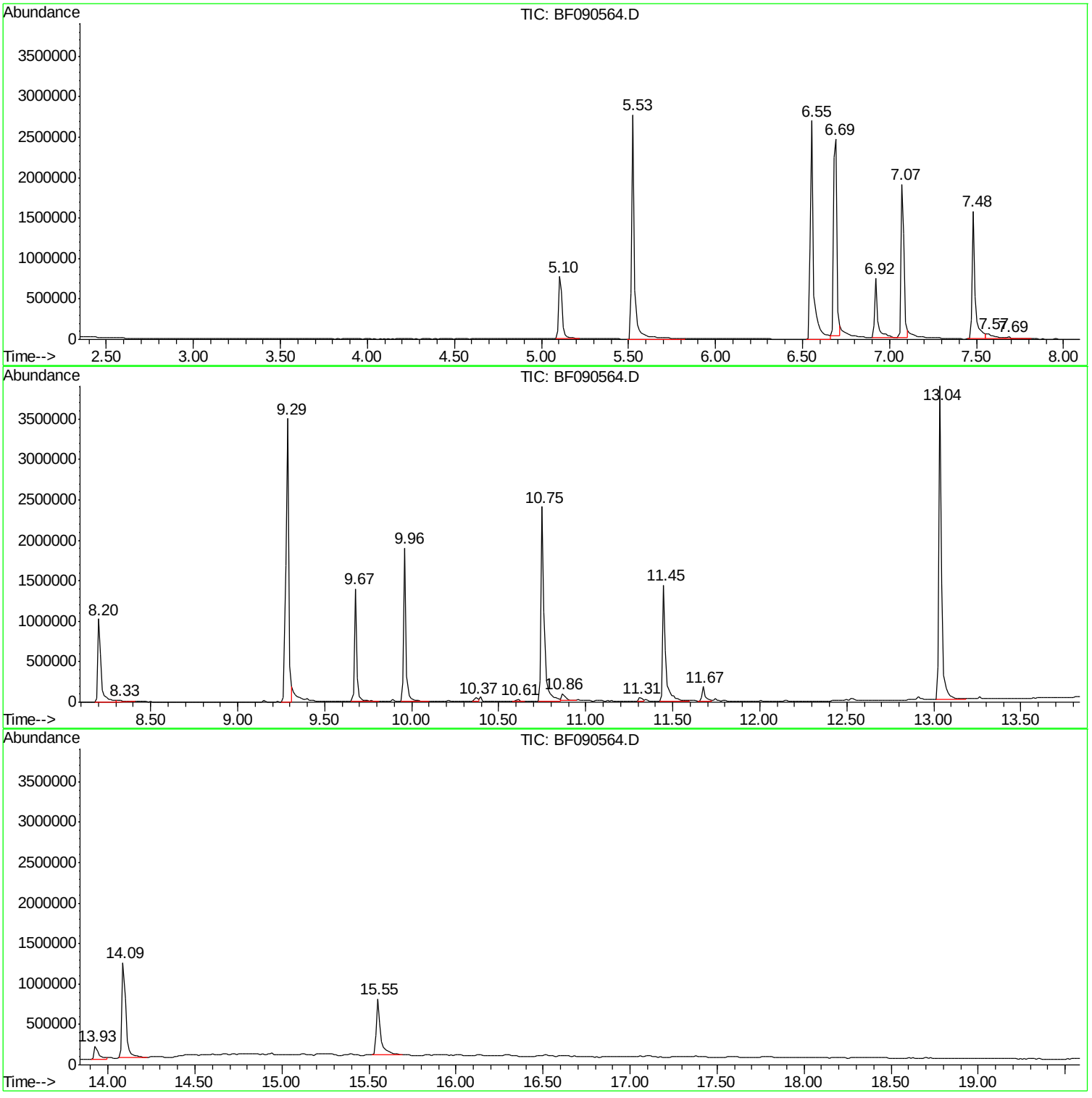
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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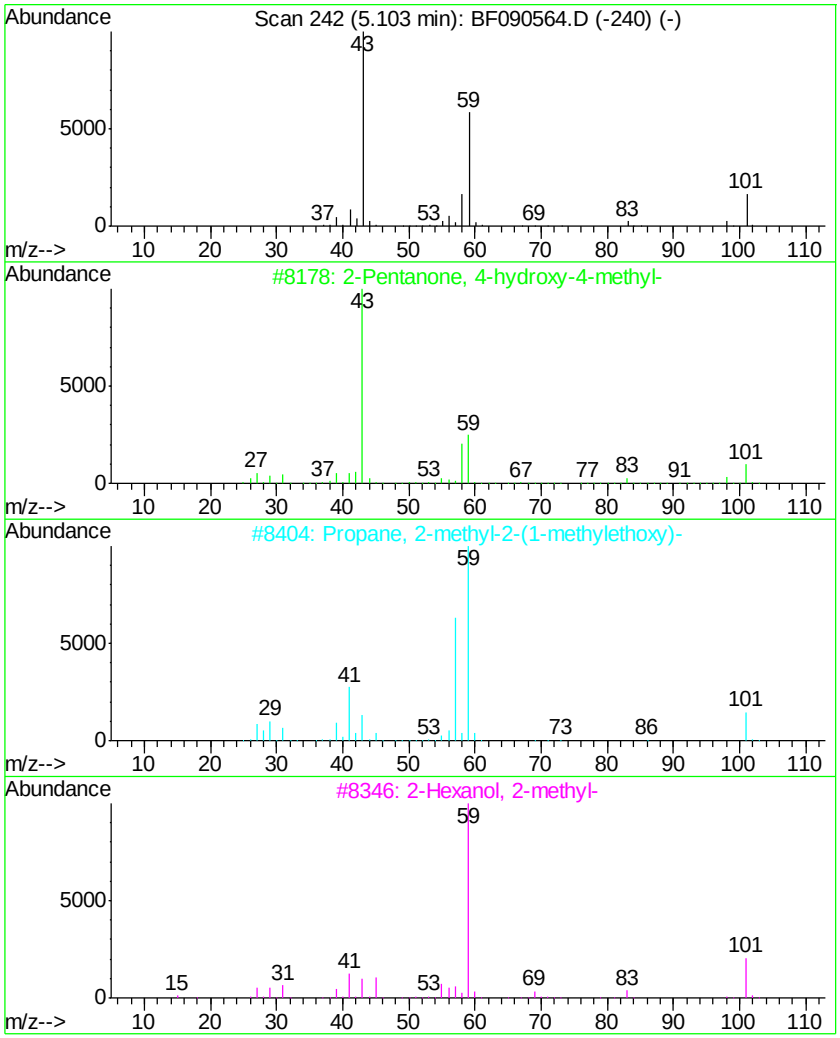
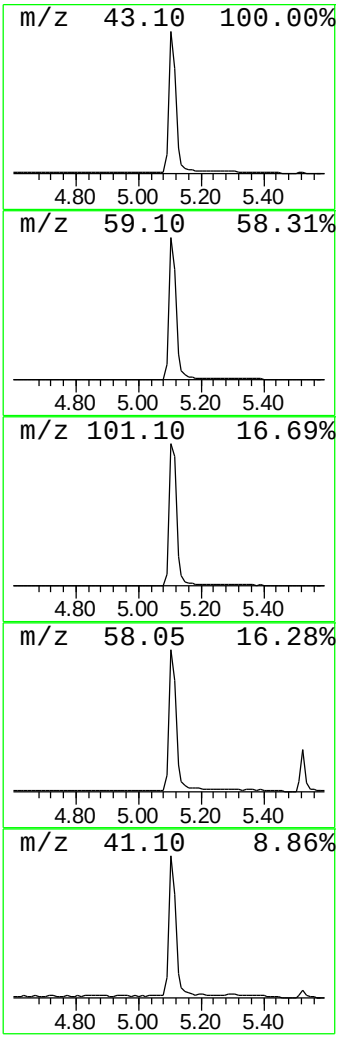
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	24.10 ng	1169860	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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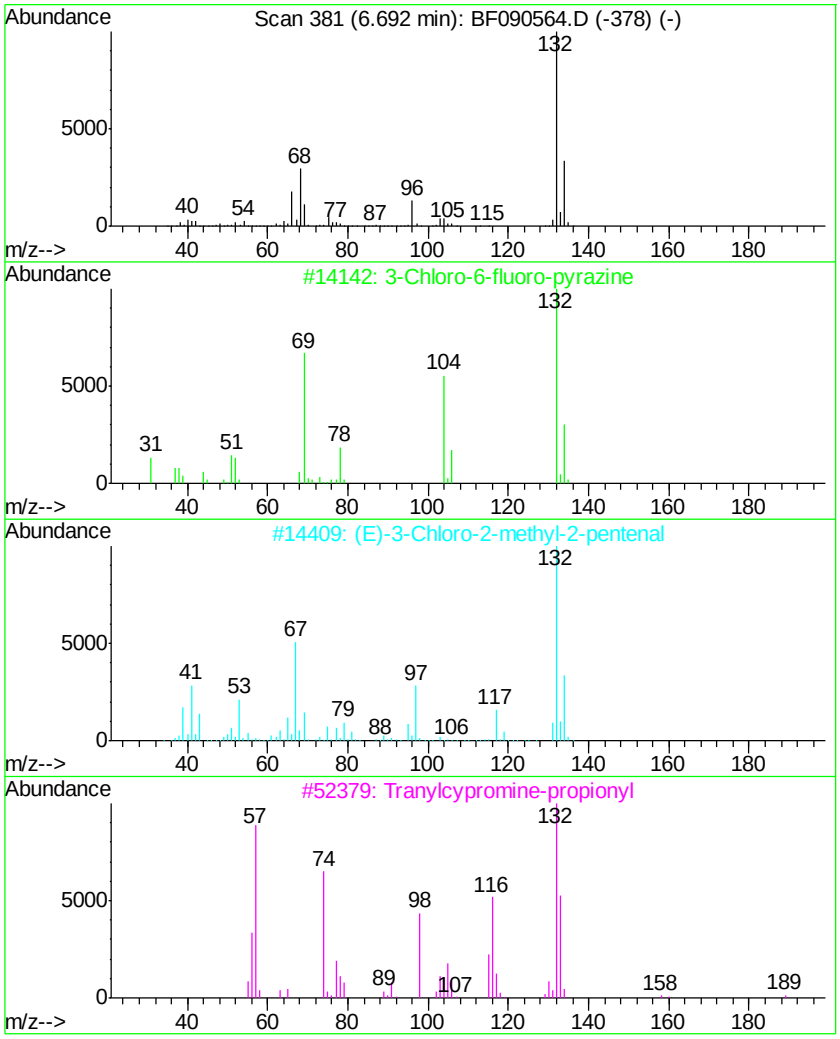
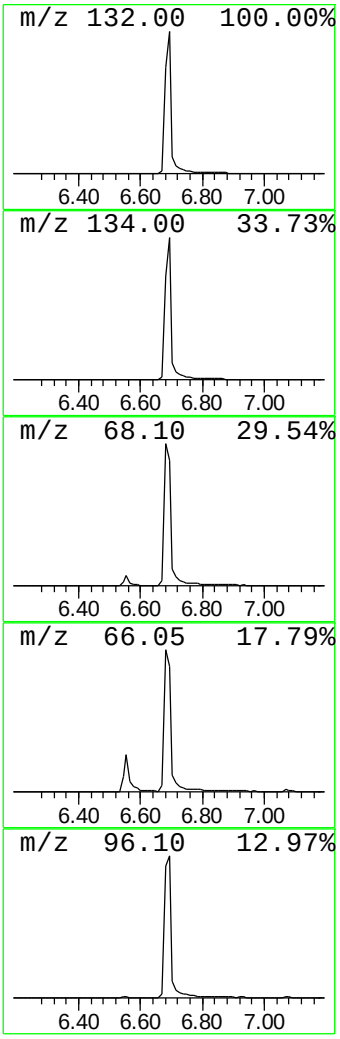
Peak Number 2 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	72.36 ng	3512720	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	32
4	Amphetaminil	250	C17H18N2	017590-01-1	25
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	25





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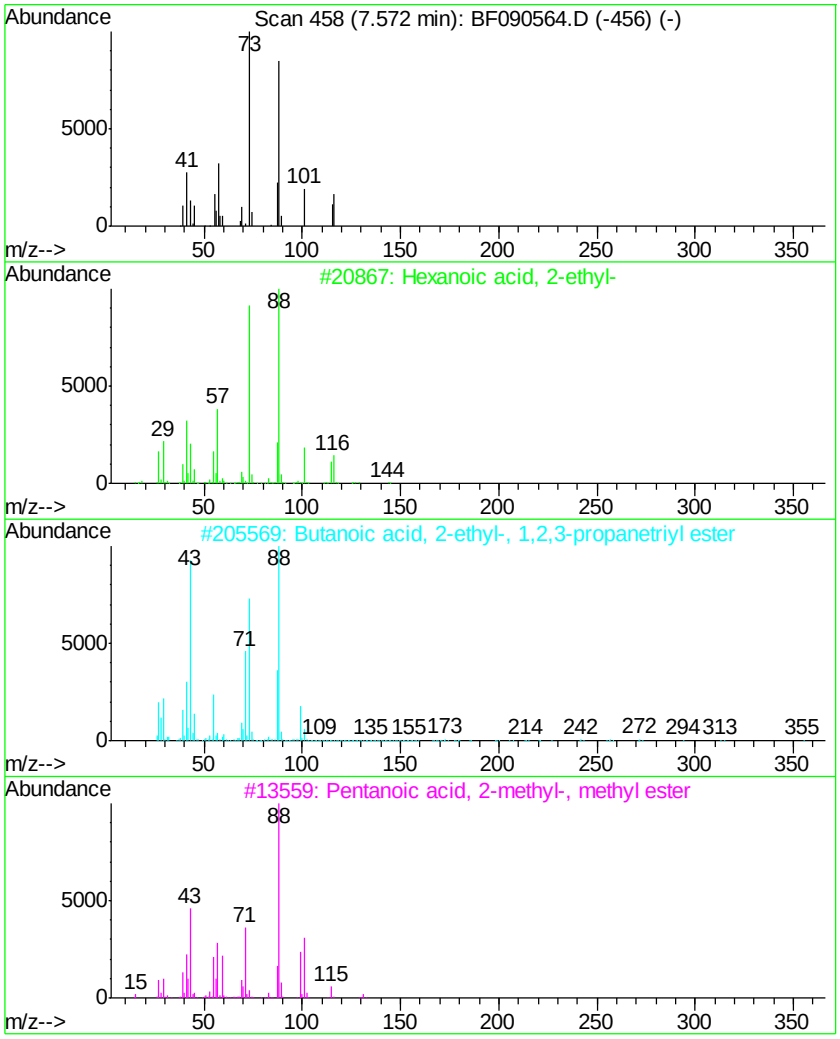
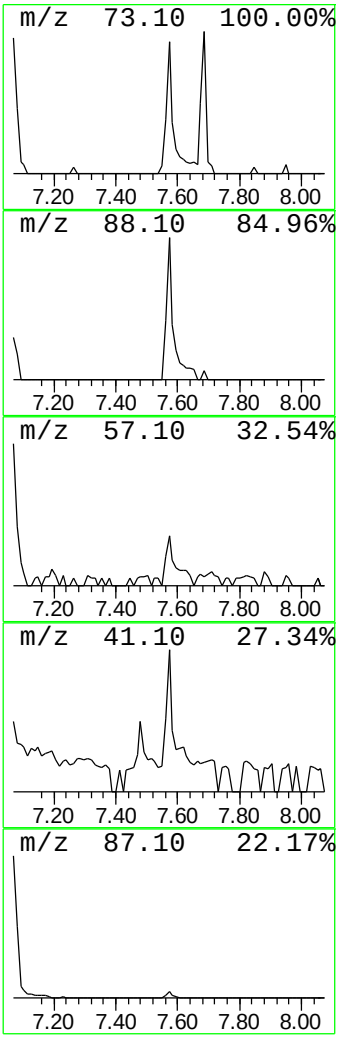
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.06 ng	217370	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
3	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	36
4	Hydroxypivalic acid	118	C5H10O3	004835-90-9	33
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33





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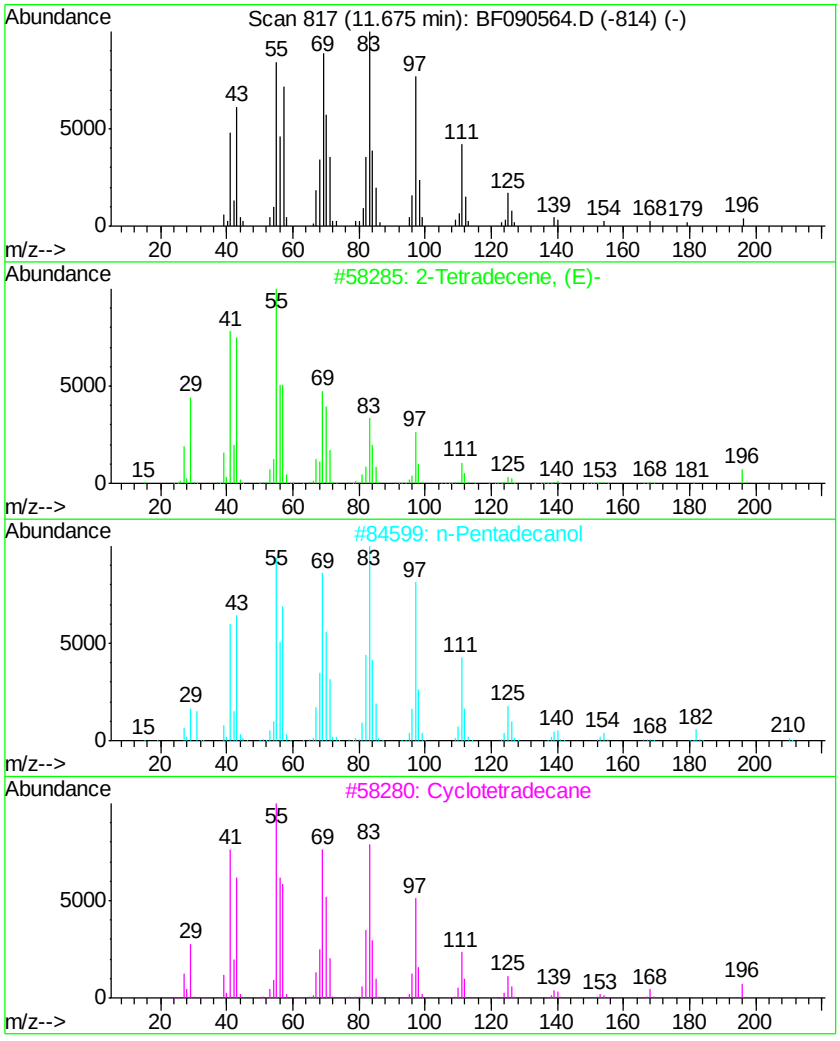
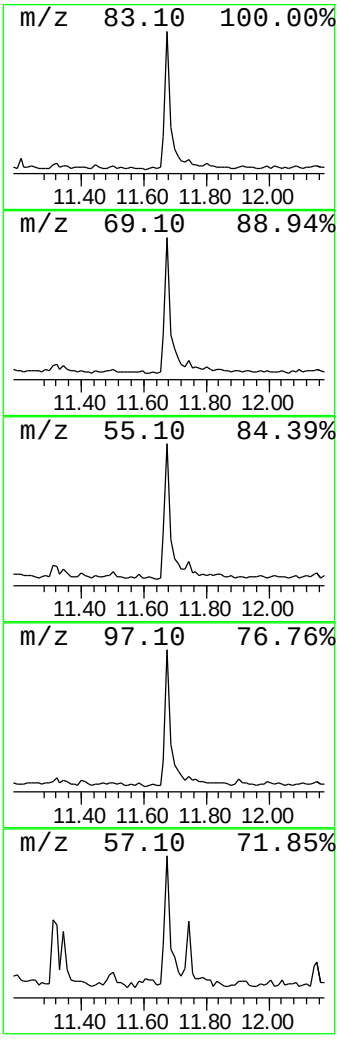
Peak Number 5 2-Tetradecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.41 ng	227586	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	96
2	n-Pentadecanol	228	C15H32O	000629-76-5	95
3	Cyclotetradecane	196	C14H28	000295-17-0	94
4	1-Tetradecanol	214	C14H30O	000112-72-1	94
5	1-Hexadecanol	242	C16H34O	036653-82-4	94





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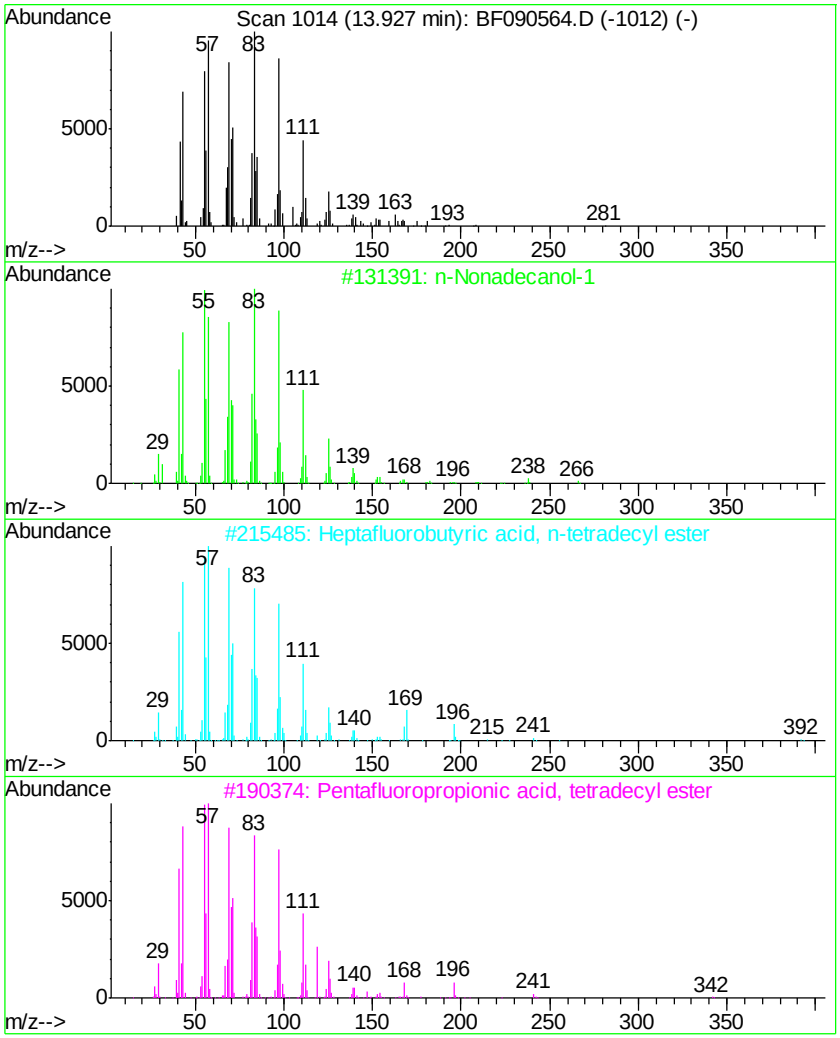
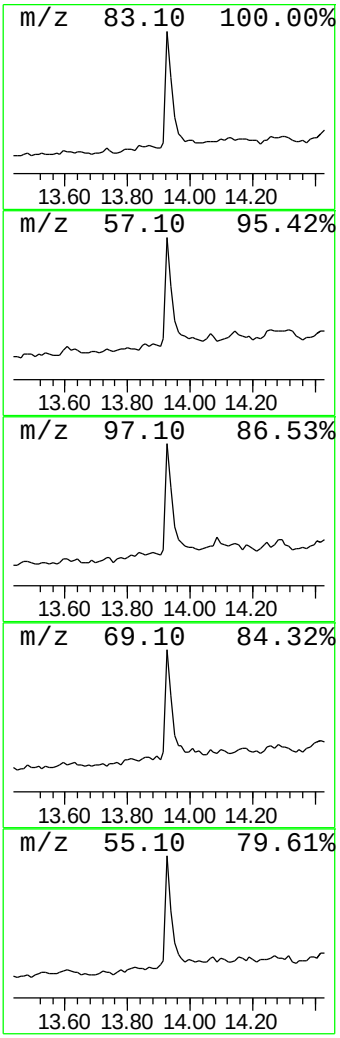
Peak Number 6 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.14 ng	266851	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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-hy...	5.10	24.1	ng	1169860	1	6.92	970892	20.0
unknown6.69	6.69	72.4	ng	3512720	1	6.92	970892	20.0
Hexanoic acid, 2-...	7.57	3.1	ng	217370	2	8.20	1422480	20.0
2-Tetradecene, (E)-	11.68	2.4	ng	227586	4	11.45	1887320	20.0
n-Nonadecanol-1	13.93	3.1	ng	266851	5	14.09	1697500	20.0