LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087247.D
Acq On : 21 May 2016 2:18
Operator : UM/SJ
Sample : H3144-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-AB-AC(0-2)

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-BF051716.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	1.701	8	10	66	rVB	3441042	7462539	100.00%	16.574%
2	3.953	205	207	218	rBV	28845	97468	1.31%	0.216%
3	4.684	269	271	285	rBV	287723	595643	7.98%	1.323%
4	5.141	309	311	333	rBV	3748236	4214828	56.48%	9.361%
5	6.227	403	406	408	rBV	4045580	4421171	59.24%	9.819%
6	6.330	413	415	417	rBV	4290957	4375247	58.63%	9.717%
7	6.559	433	435	441	rVB	622666	797541	10.69%	1.771%
8	6.707	446	448	451	rBV	3004325	2788751	37.37%	6.194%
9	7.130	483	485	488	rBV	2476510	2546548	34.12%	5.656%
10	7.839	545	547	550	rBV	962497	1082012	14.50%	2.403%
11	8.925	639	642	644	rBV	4036843	4425123	59.30%	9.828%
12	9.325	675	677	679	rBV	602600	526468	7.05%	1.169%
13	9.530	693	695	697	rBV	140897	137020	1.84%	0.304%
14	9.588	697	700	702	rBV	1404316	1286267	17.24%	2.857%
15	10.033	736	739	740	rBV	215549	199049	2.67%	0.442%
16	10.250	755	758	761	rBV	66188	112891	1.51%	0.251%
17	10.376	766	769	772	rBV	2556142	2536860	33.99%	5.634%
18	10.502	777	780	787	rVB	231463	296633	3.97%	0.659%
19	11.062	827	829	832	rBV	1379402	1260161	16.89%	2.799%
20	12.651	965	968	970	rBV	3491285	3863996	51.78%	8.582%
21	13.611	1048	1052	1057	rBV2	42183	152053	2.04%	0.338%
22	13.691	1057	1059	1069	rVB	1087652	1092935	14.65%	2.427%
23	15.039	1175	1177	1188	rBV	598484	754543	10.11%	1.676%

Sum of corrected areas: 45025747

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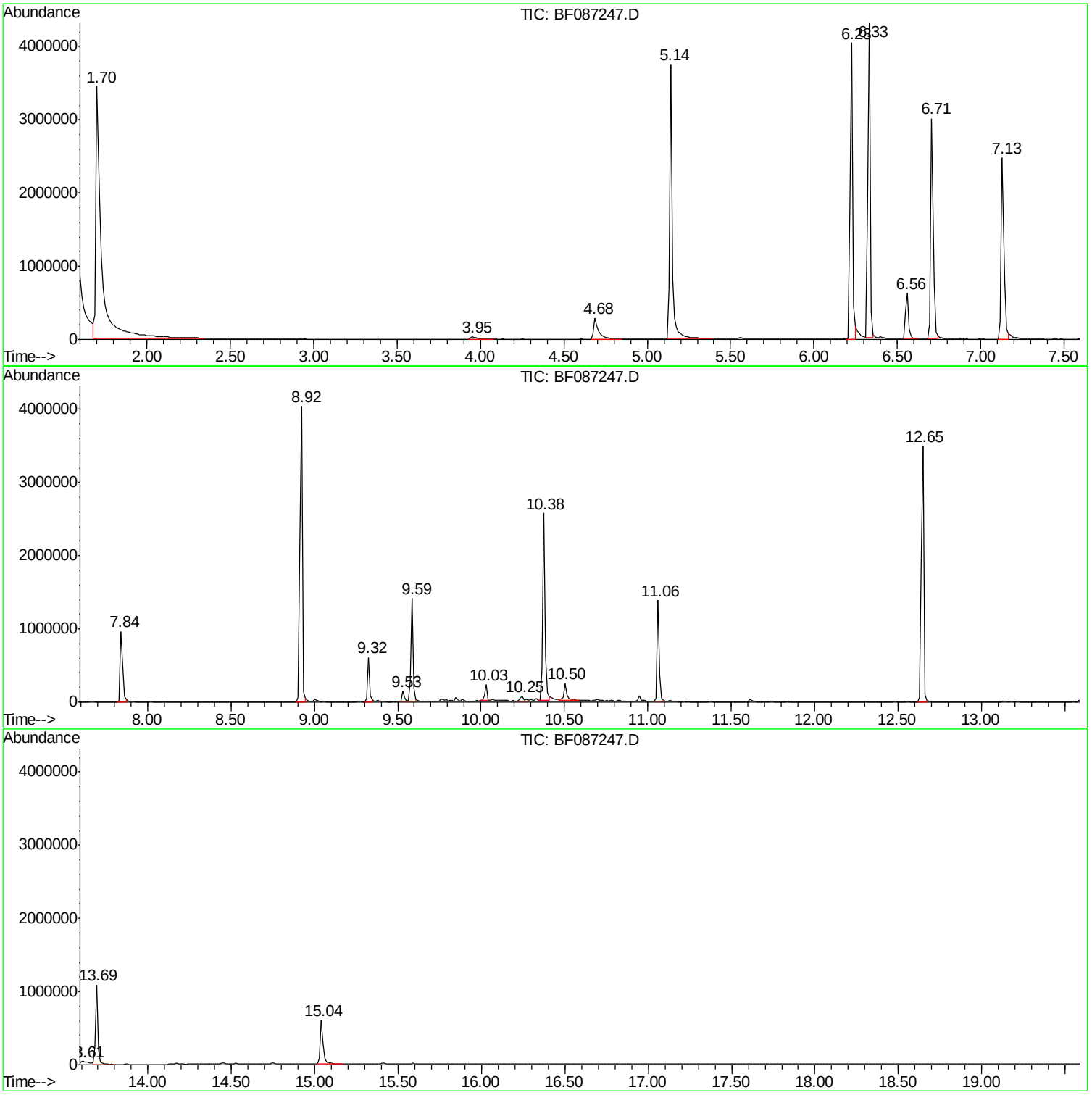
ClientSampleId :
8-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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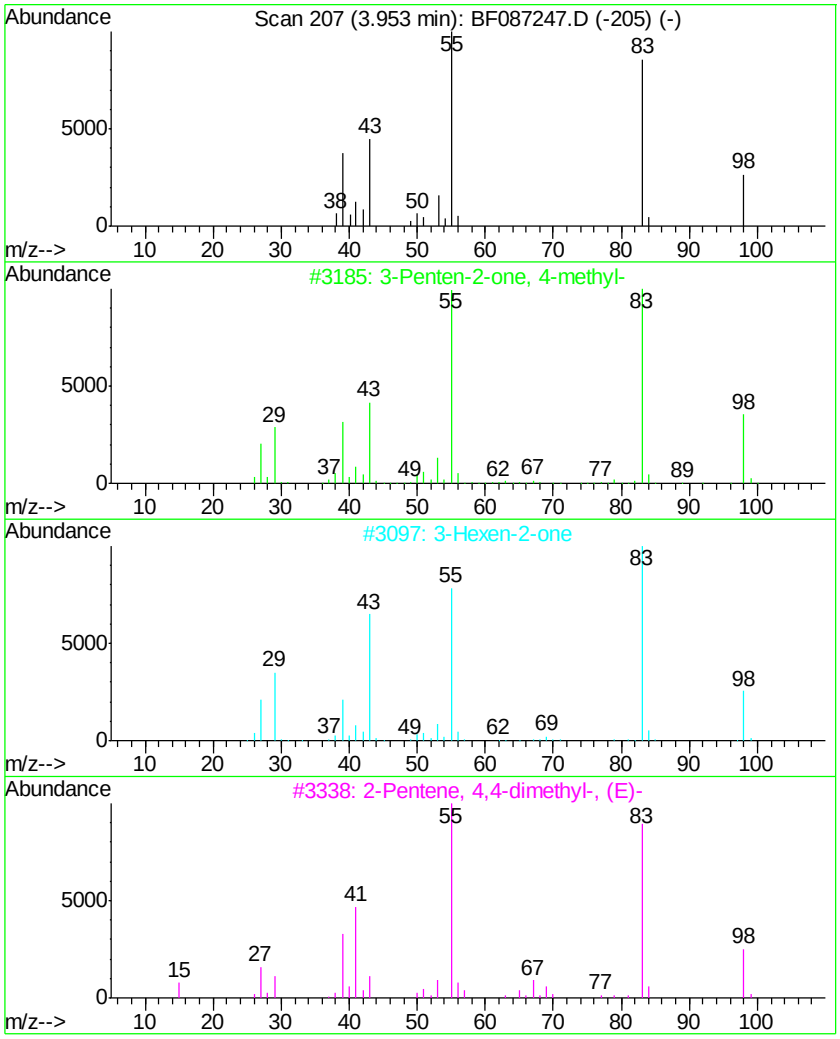
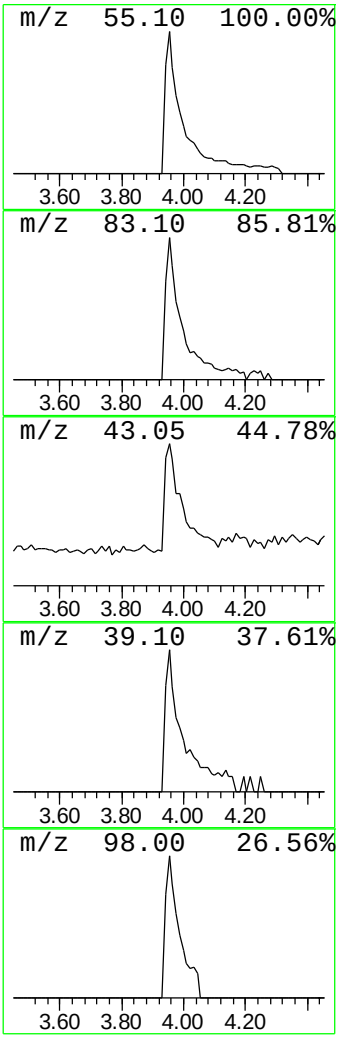
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	2.44 ng	97468	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72





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BNA_F
ClientSampleId :
8-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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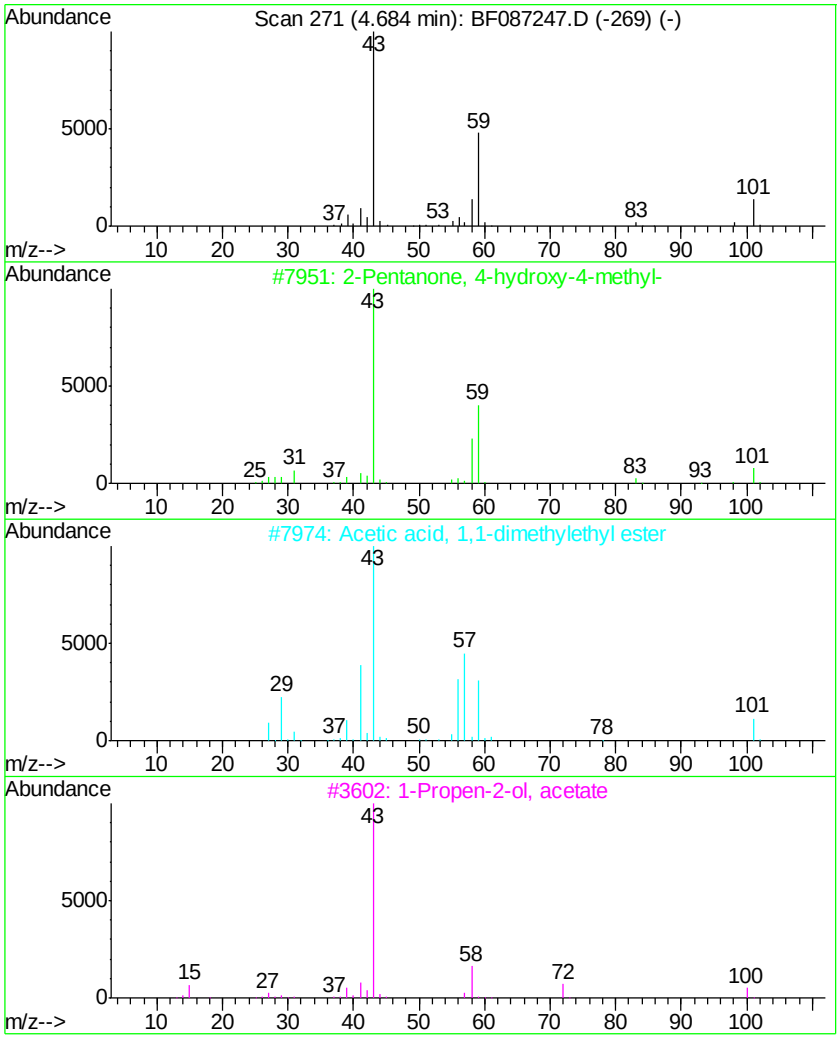
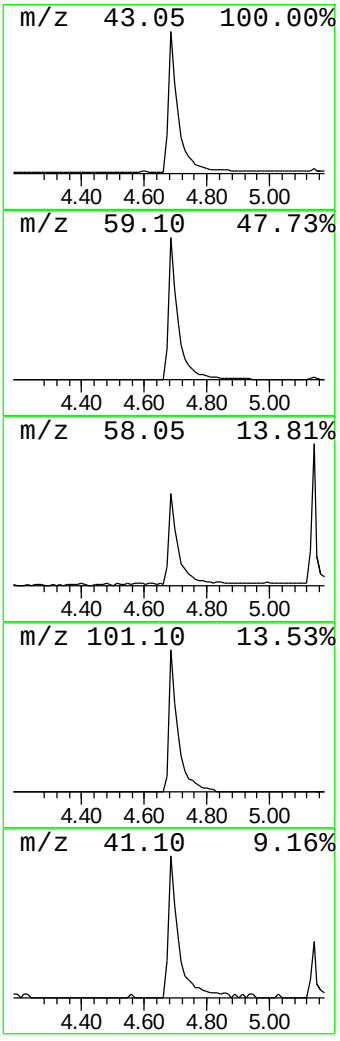
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	14.94 ng	595643	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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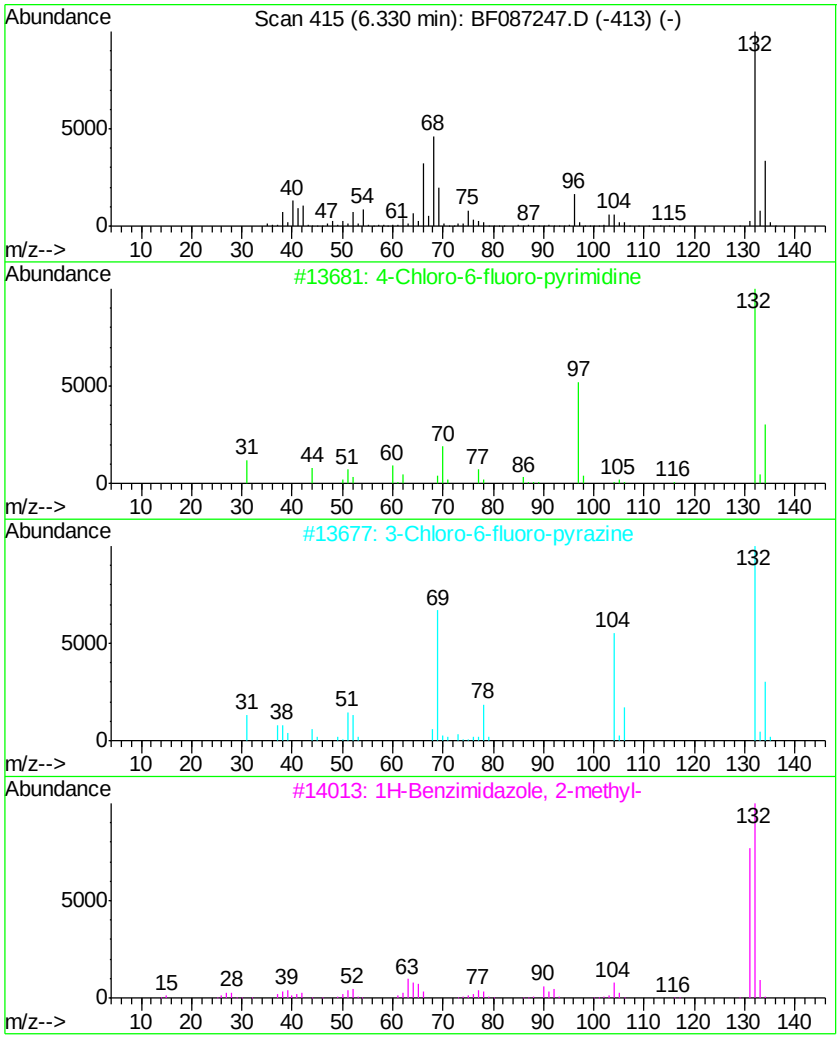
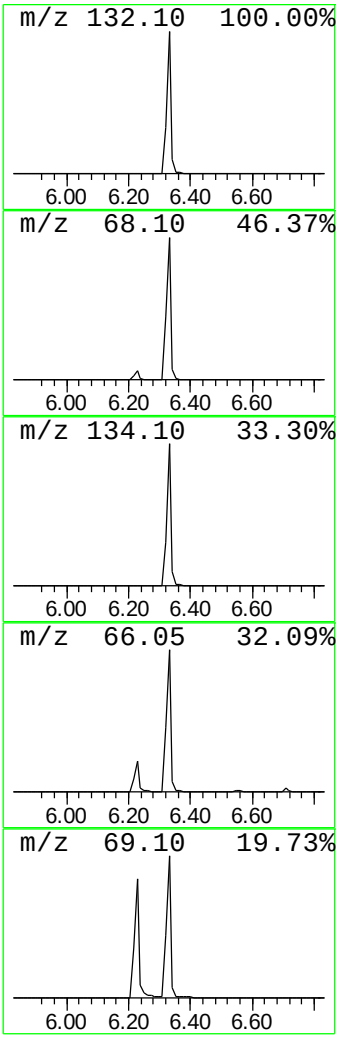
Peak Number 4 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	109.72 ng	4375250	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





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Instrument : BNA_F
ClientSampleId : 8-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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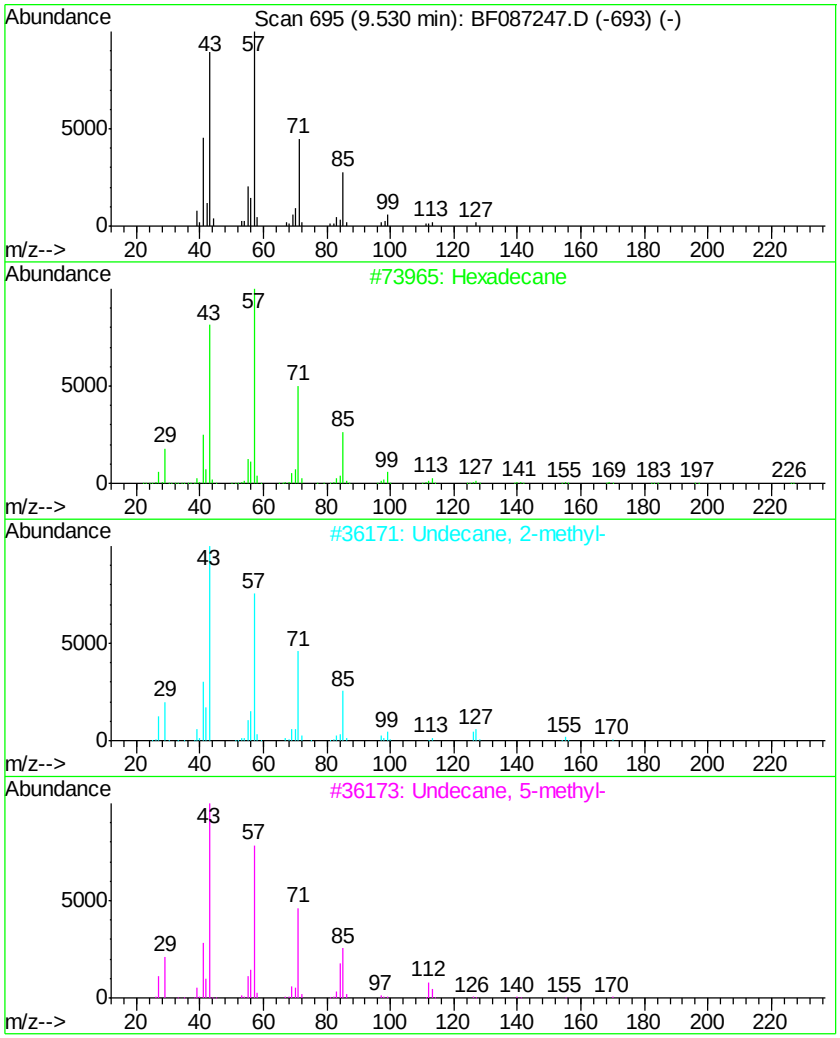
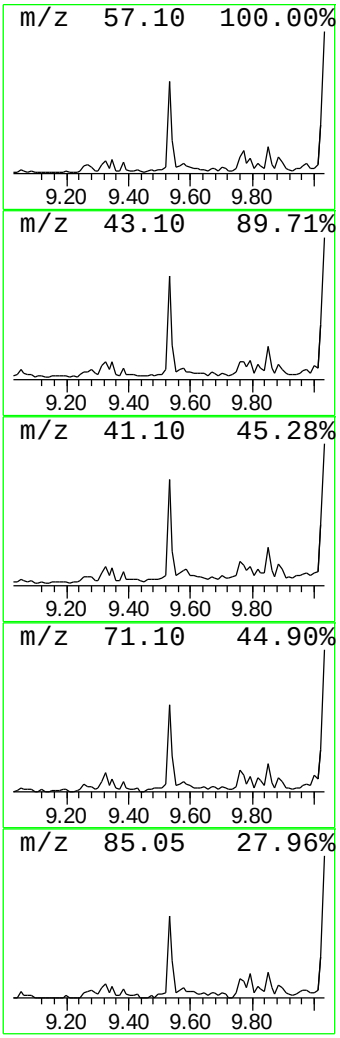
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.13 ng	137020	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	78
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Pentadecane	212	C15H32	000629-62-9	72





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ClientSampleId : 8-AB-AC(0-2)

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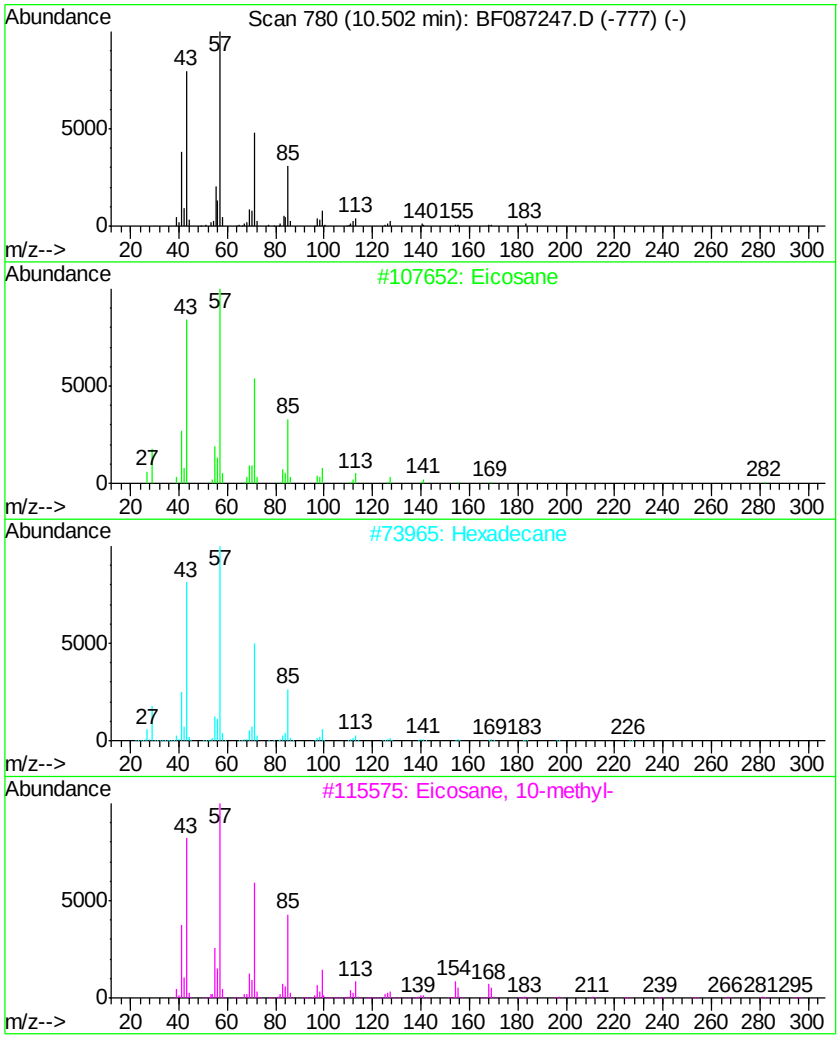
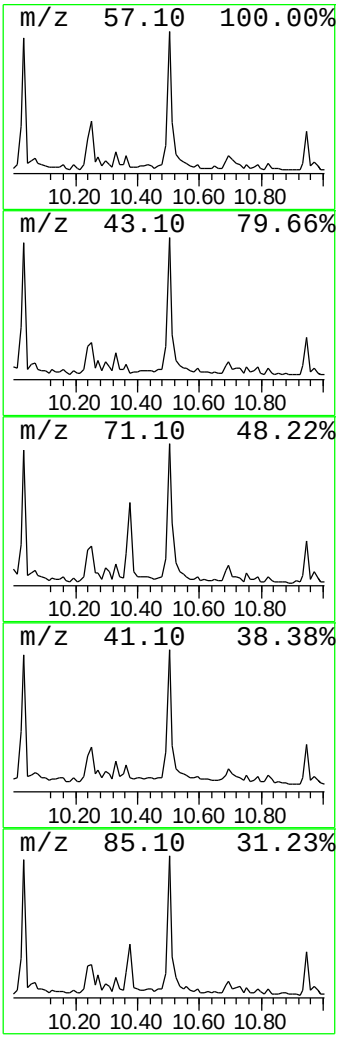
Peak Number 8 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	4.71 ng	296633	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





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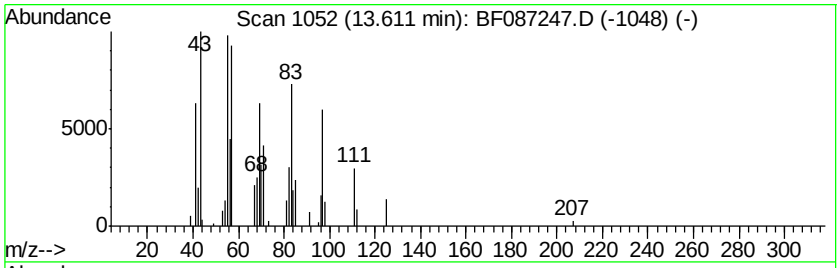
TIC Integration Parameters: LSCINT.P

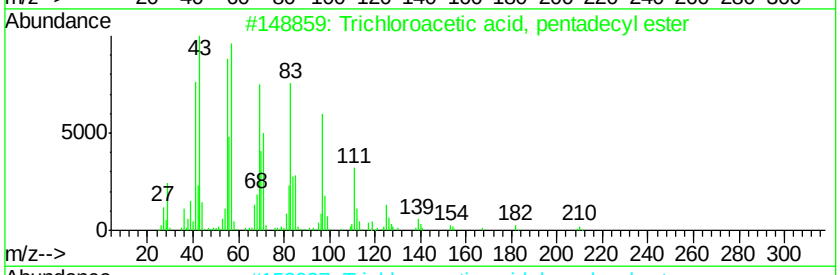
****

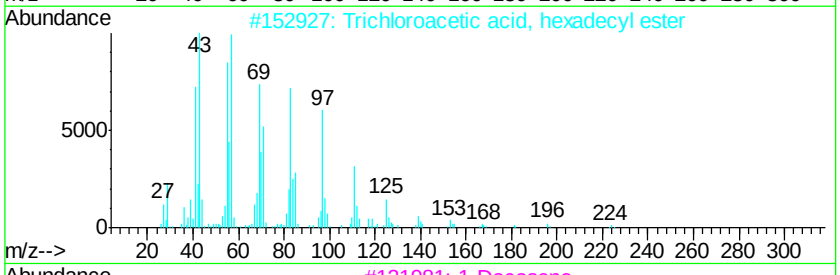
Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 7

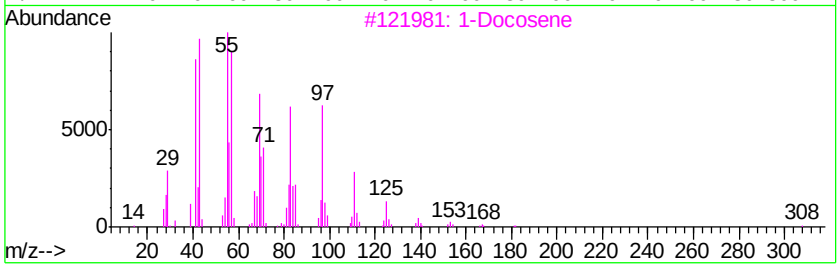
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.78 ng	152053	Chrysene-d12	13.69

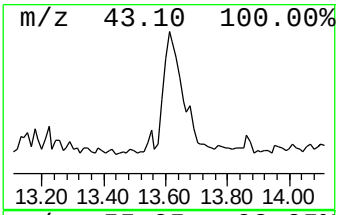
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	1-Eicosanol	298	C20H42O	000629-96-9	91
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	90

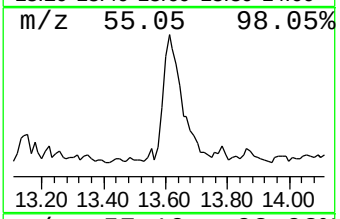


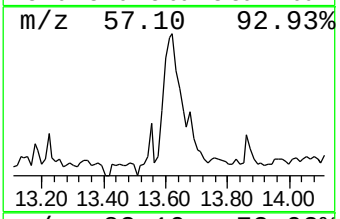


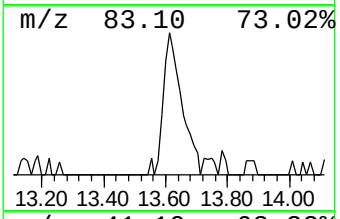


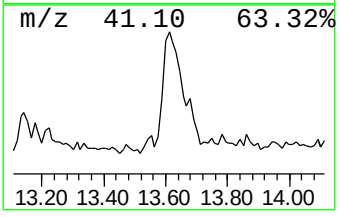












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	3.95	2.4	ng	97468	1	6.56	797541	20.0
2-Pentanone, 4-hy...	4.68	14.9	ng	595643	1	6.56	797541	20.0
unknown6.33	6.33	109.7	ng	4375250	1	6.56	797541	20.0
Hexadecane	9.53	2.1	ng	137020	3	9.59	1286270	20.0
Eicosane	10.50	4.7	ng	296633	4	11.06	1260160	20.0
Trichloroacetic a...	13.61	2.8	ng	152053	5	13.69	1092940	20.0