LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089656.D
Acq On : 6 Aug 2016 8:06
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MMA-OS-02

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-BF080416.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	2.855	108	111	118	rBV	8425	18004	1.06%	0.136%
2	4.673	266	270	286	rBV	146235	423586	24.82%	3.202%
3	5.347	325	329	360	rBV	749106	1534623	89.93%	11.600%
4	6.982	469	472	479	rBV	789274	1527015	89.49%	11.543%
5	7.096	479	482	500	rVB	1160756	1706444	100.00%	12.899%
6	7.439	510	512	522	rBV	134030	234805	13.76%	1.775%
7	7.679	530	533	541	rBV	958816	1240017	72.67%	9.373%
8	8.353	589	592	618	rBV	587867	962165	56.38%	7.273%
9	8.685	618	621	629	rVB	13768	28595	1.68%	0.216%
10	9.473	687	690	711	rBV	185750	321291	18.83%	2.429%
11	11.256	842	846	848	rBV	1198990	1694453	99.30%	12.809%
12	11.348	853	854	865	rVB2	6905	21127	1.24%	0.160%
13	11.942	903	906	917	rBV	219295	317939	18.63%	2.403%
14	12.296	934	937	943	rBV	198789	327052	19.17%	2.472%
15	13.576	1047	1049	1059	rBV	473824	742420	43.51%	5.612%
16	13.919	1076	1079	1084	rBV	14810	22185	1.30%	0.168%
17	14.685	1144	1146	1154	rVB	177855	243088	14.25%	1.838%
18	15.211	1190	1192	1200	rBV	113676	191119	11.20%	1.445%
19	15.691	1232	1234	1243	rBV	38557	61798	3.62%	0.467%
20	16.411	1295	1297	1302	rBV	58494	102569	6.01%	0.775%
21	16.800	1328	1331	1338	rBB2	12684	27645	1.62%	0.209%
22	17.051	1350	1353	1356	rBV	884741	1001836	58.71%	7.573%
23	18.308	1459	1463	1467	rBV2	34273	64576	3.78%	0.488%
24	18.377	1467	1469	1475	rVB	141724	219328	12.85%	1.658%
25	20.046	1613	1615	1620	rBV	145926	195440	11.45%	1.477%

Sum of corrected areas: 13229120

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Instrument :
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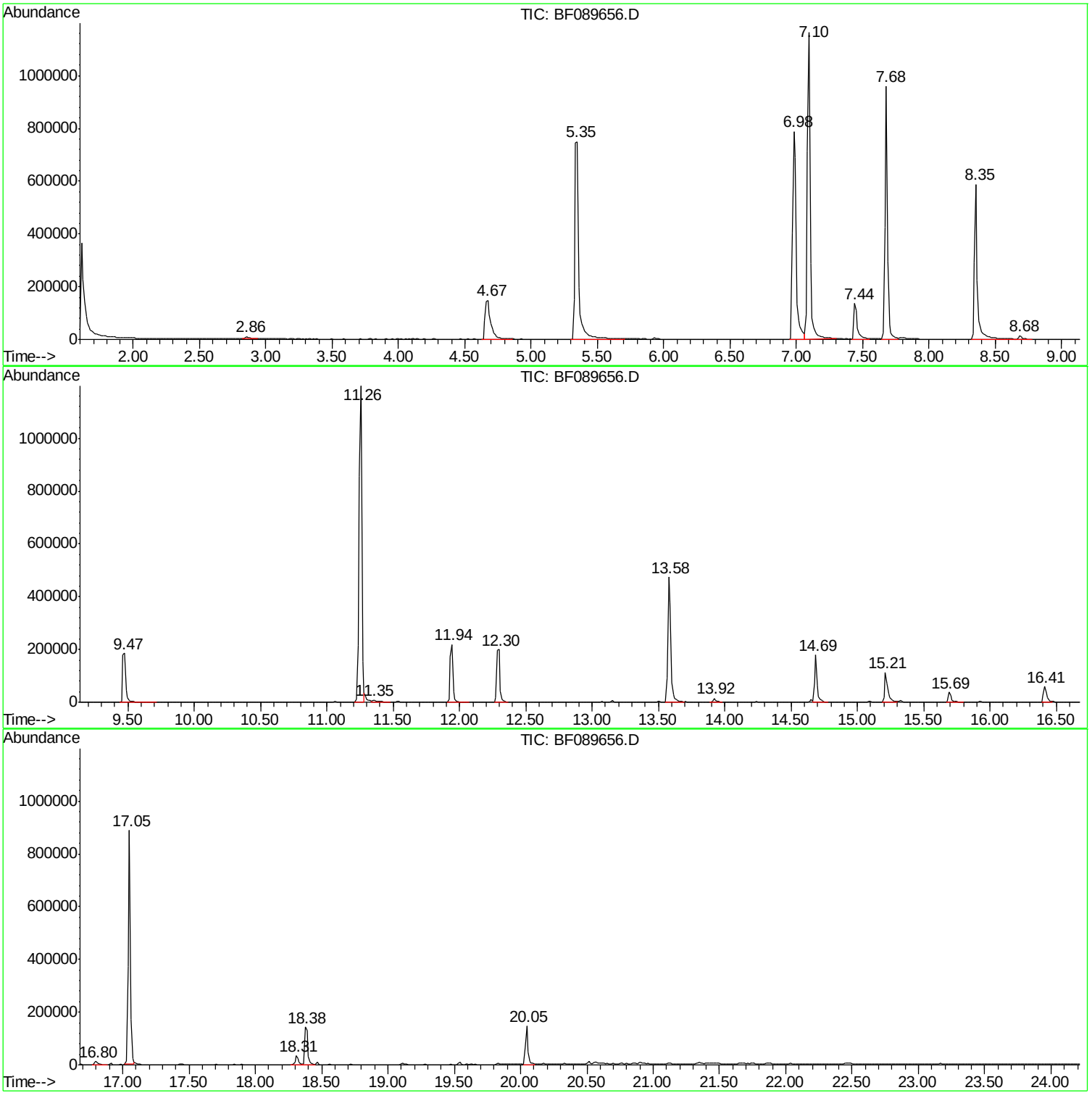
ClientSampleId :
MMA-OS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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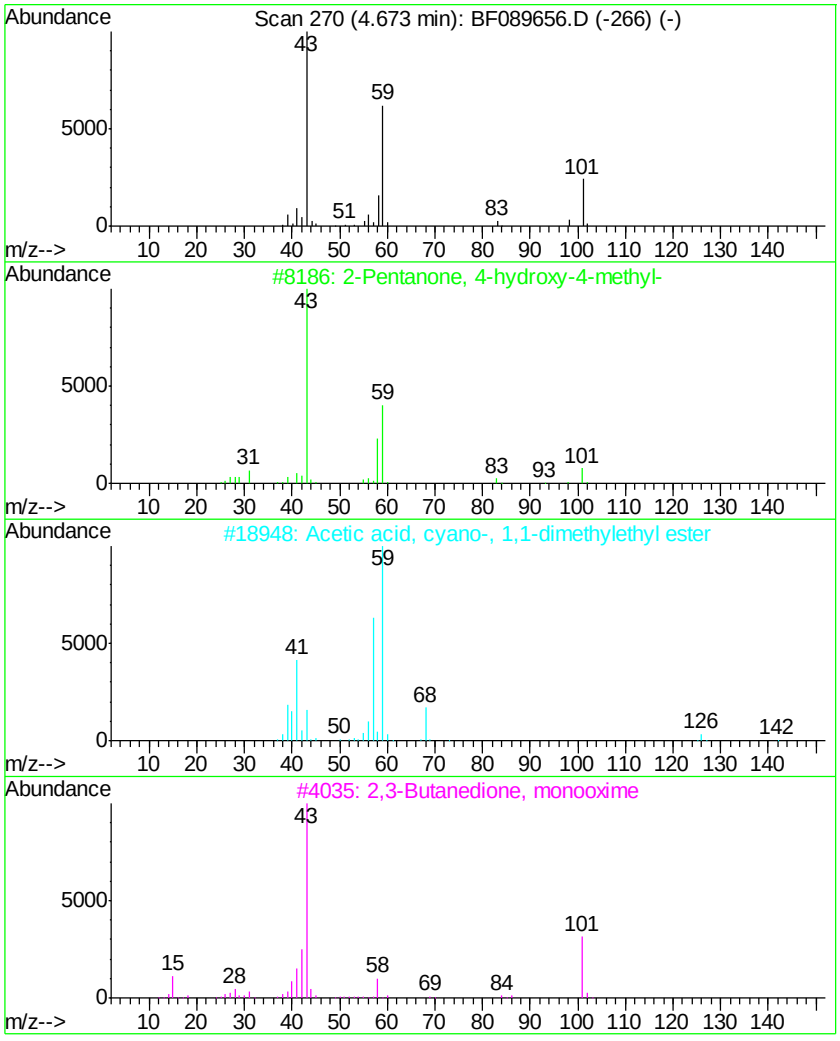
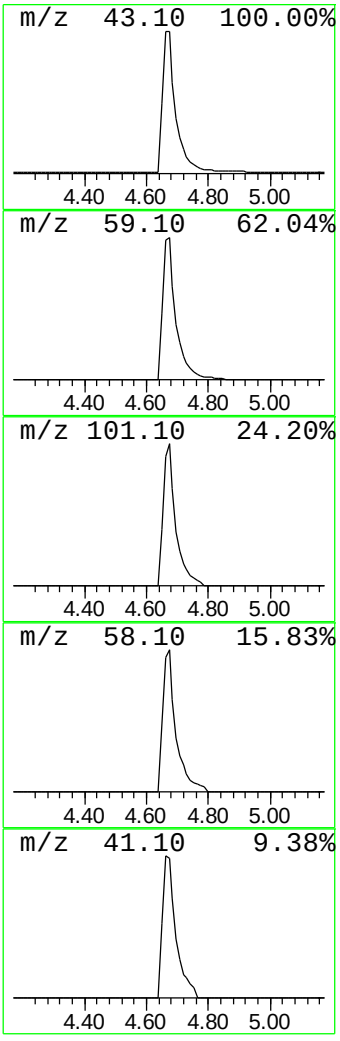
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	36.08 ng	423586	1,4-Dichlorobenzene-d4	7.44

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Sample : H4364-02
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ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MMA-OS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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TIC Library : C:\Database\NIST11.L
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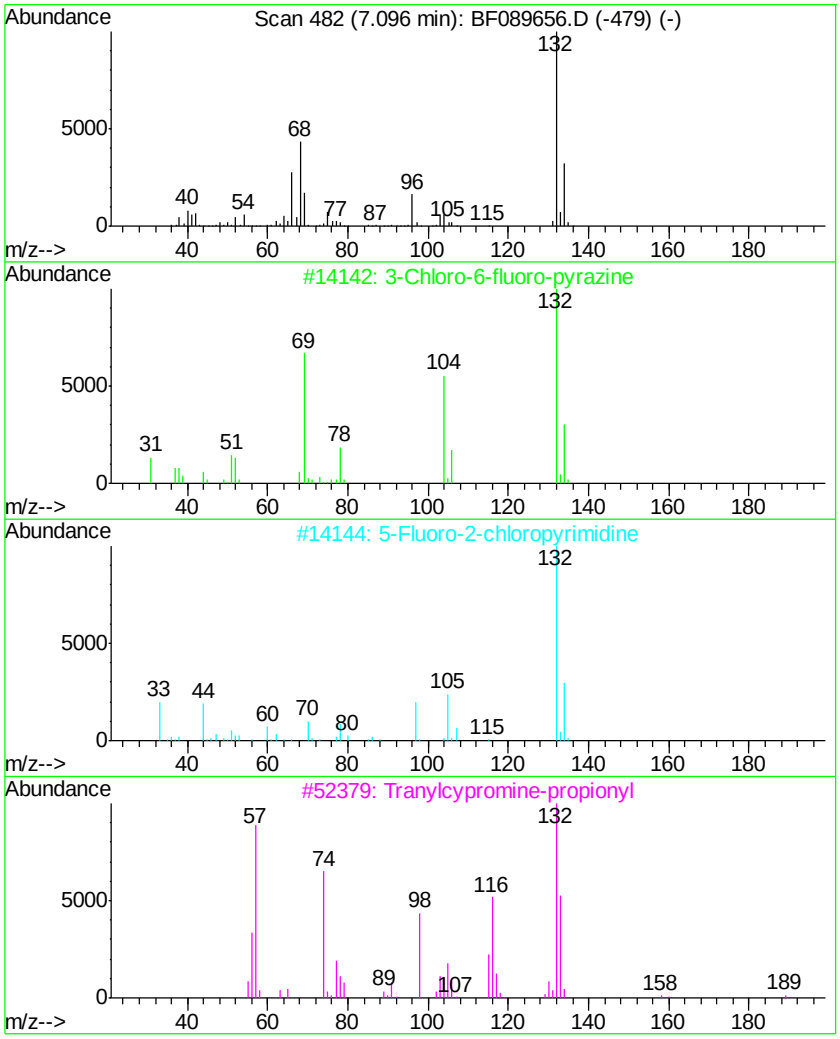
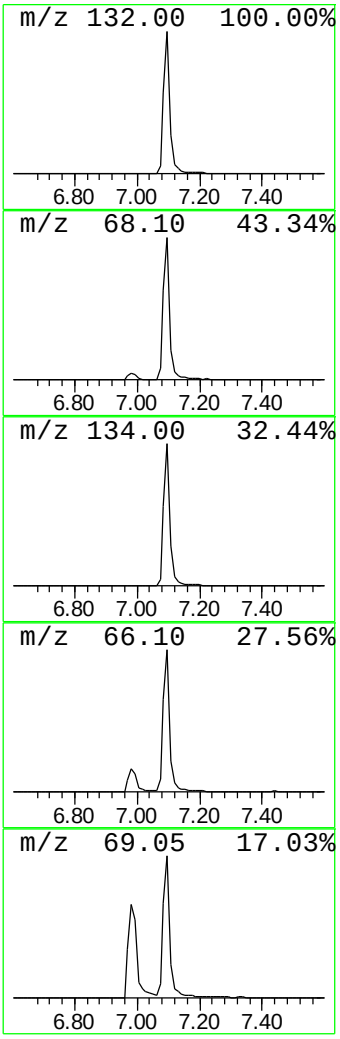
Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	145.35 ng	1706440	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H4364-02
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Instrument : BNA_F
ClientSampleId : MMA-OS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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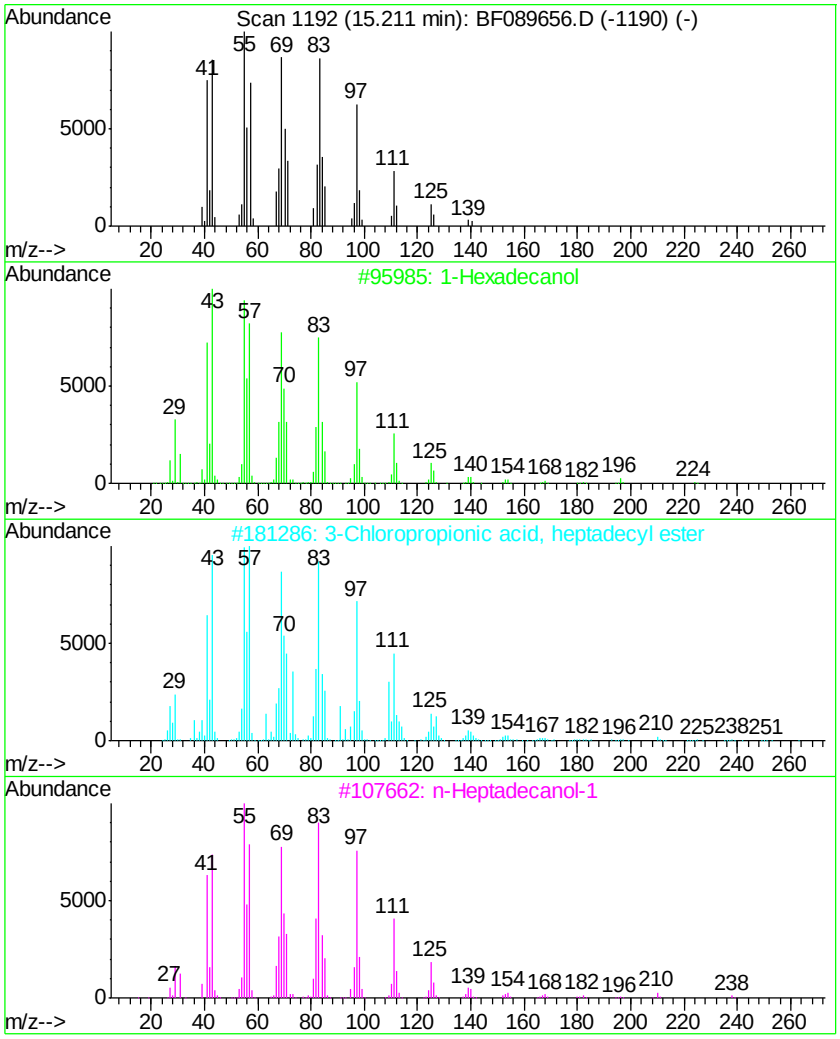
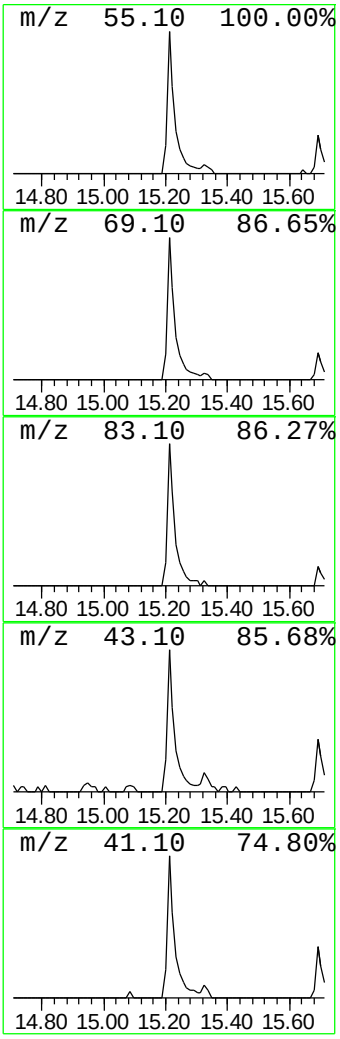
Peak Number 4 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	15.72 ng	191119	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





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Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MMA-OS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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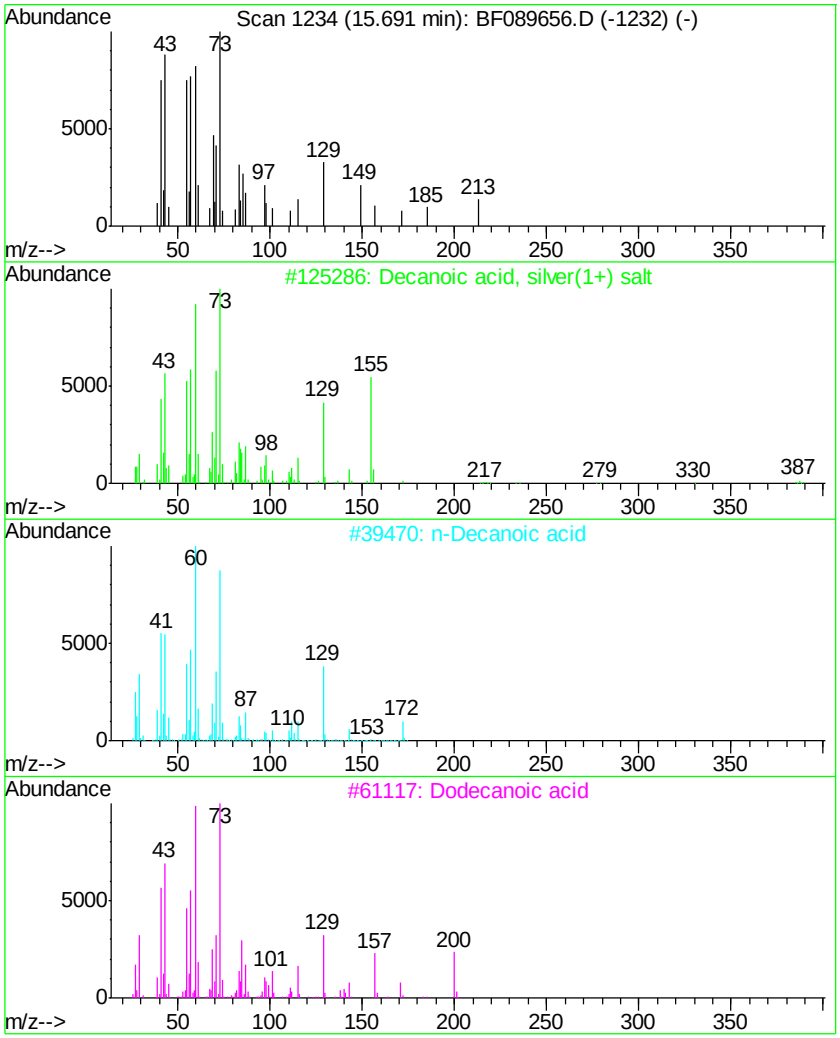
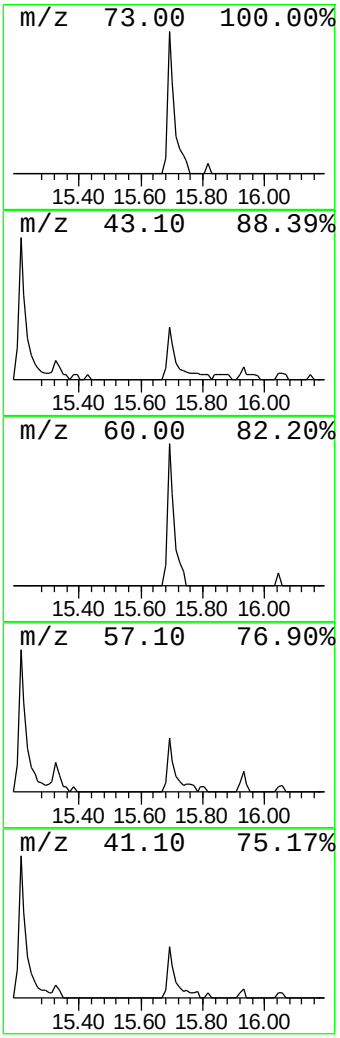
Peak Number 5 Decanoic acid, silver(1+) salt Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	5.08 ng	61798	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
2	n-Decanoic acid	172	C10H20O2	000334-48-5	50
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	Undecanoic acid	186	C11H22O2	000112-37-8	38
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





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Sample : H4364-02
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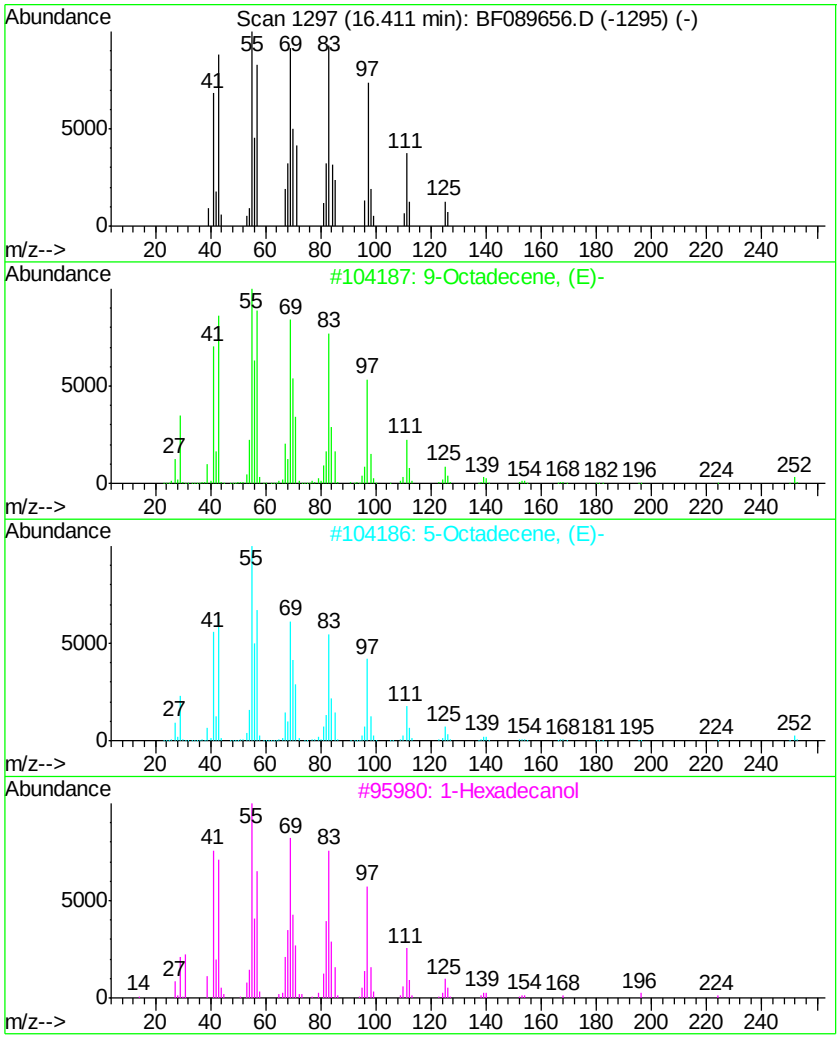
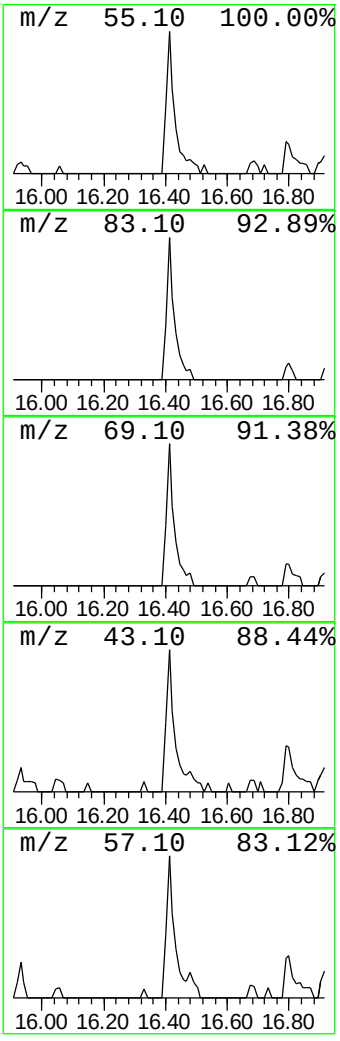
Peak Number 6 9-Octadecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	8.44 ng	102569	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	11-Tricosene	322	C23H46	052078-56-5	72
5	Cetene	224	C16H32	000629-73-2	72





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TIC Library : C:\Database\NIST11.L
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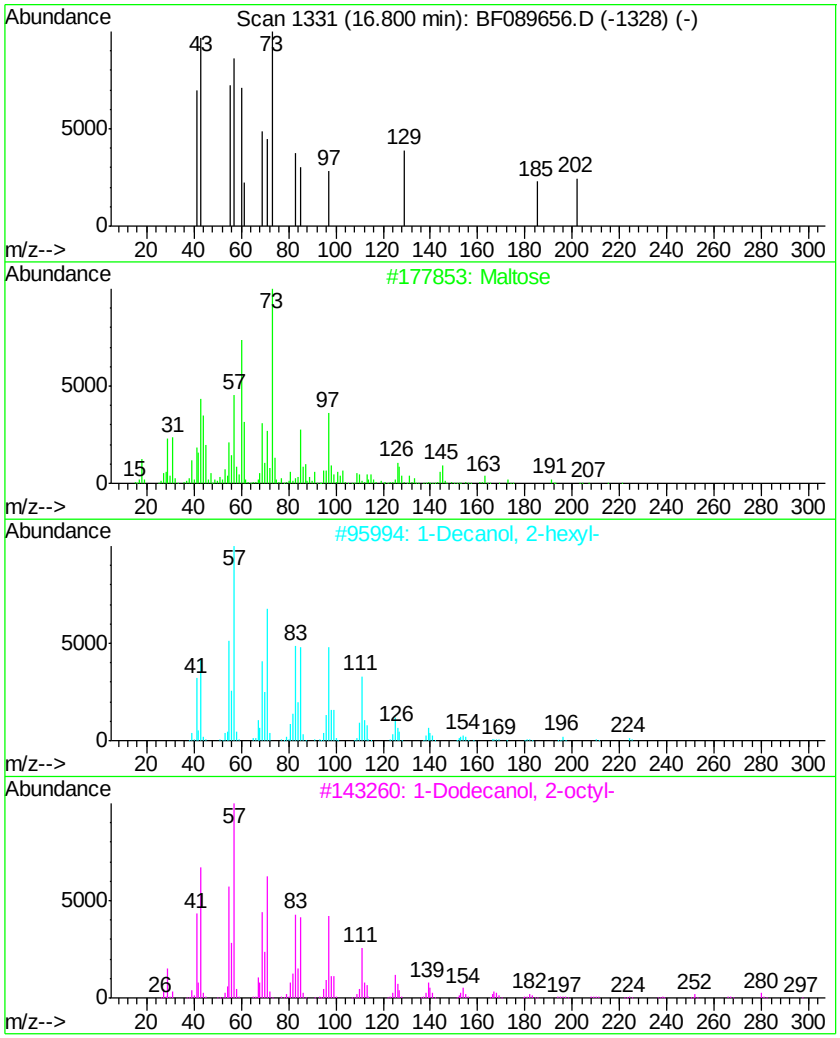
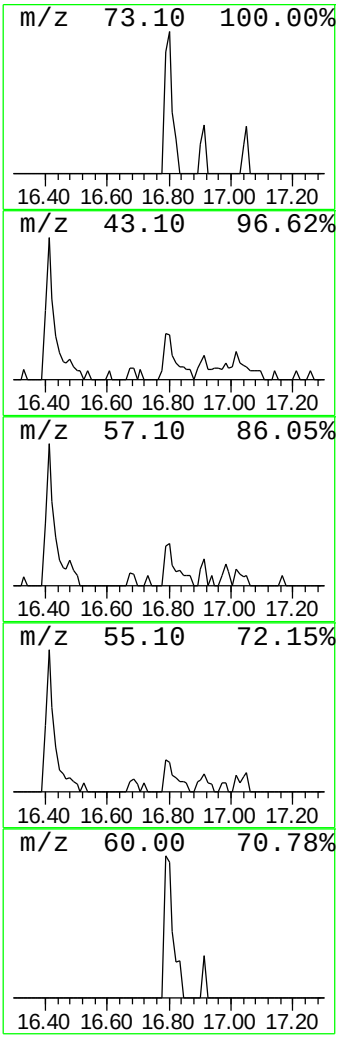
Peak Number 7 unknown16.80 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.52 ng	27645	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maltose	342	C12H22O11	000069-79-4	38
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	22
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	22
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	22
5	Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	22





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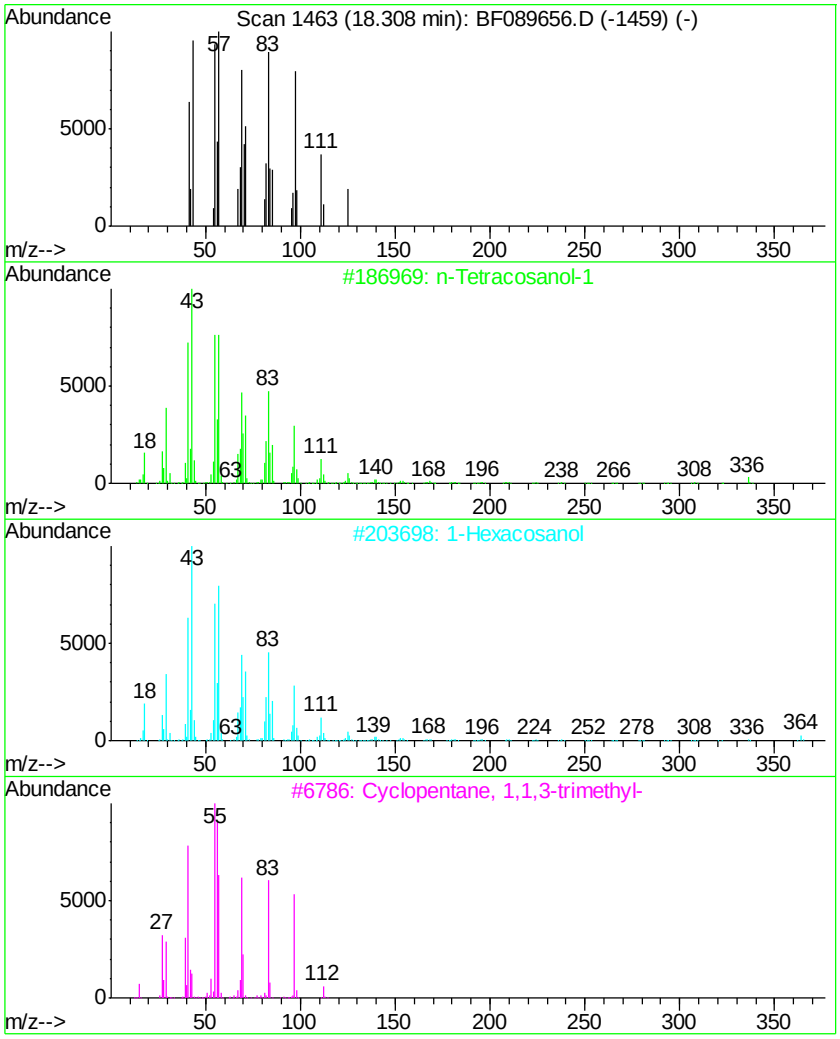
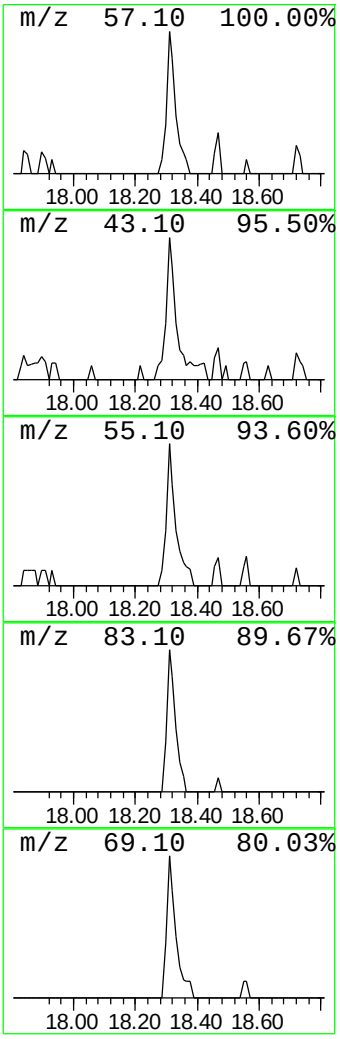
Peak Number 8 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.89 ng	64576	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	62
2	1-Hexacosanol	382	C26H54O	000506-52-5	62
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	52
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	50
5	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	46





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.67	36.1	ng	423586	1	7.44	234805	20.0
unknown7.10	7.10	145.3	ng	1706440	1	7.44	234805	20.0
1-Hexadecanol	15.21	15.7	ng	191119	4	14.69	243088	20.0
Decanoic acid, si...	15.69	5.1	ng	61798	4	14.69	243088	20.0
9-Octadecene, (E)-	16.41	8.4	ng	102569	4	14.69	243088	20.0
unknown16.80	16.80	2.5	ng	27645	5	18.39	219328	20.0
n-Tetracosanol-1	18.31	5.9	ng	64576	5	18.39	219328	20.0