

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089668.D
 Acq On : 8 Aug 2016 19:00
 Operator : UM/SJ
 Sample : H4367-28
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-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:\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	4.616	263	265	275	rBV	57321	128888	6.91%	1.111%
2	5.301	322	325	348	rBV	317223	621062	33.31%	5.353%
3	6.947	467	469	477	rBV	205905	393609	21.11%	3.393%
4	7.062	477	479	497	rVB	775273	1256340	67.39%	10.828%
5	7.416	508	510	525	rBV	122296	224123	12.02%	1.932%
6	7.656	528	531	548	rVB	844689	1130237	60.62%	9.742%
7	8.330	587	590	601	rBV	553709	866453	46.48%	7.468%
8	9.450	685	688	710	rBV	204036	340602	18.27%	2.936%
9	11.233	840	844	862	rBV	1288995	1864312	100.00%	16.069%
10	11.919	902	904	912	rBB	41271	53653	2.88%	0.462%
11	12.262	932	934	938	rBV	268600	405947	21.77%	3.499%
12	13.131	1007	1010	1012	rBV	16868	20918	1.12%	0.180%
13	13.554	1045	1047	1056	rVV	596649	1050004	56.32%	9.050%
14	13.897	1072	1077	1082	rBV2	21915	46895	2.52%	0.404%
15	14.662	1142	1144	1152	rVB	281950	404042	21.67%	3.482%
16	15.680	1230	1233	1244	rBV2	86604	147393	7.91%	1.270%
17	16.777	1326	1329	1337	rBV	158738	275438	14.77%	2.374%
18	17.028	1348	1351	1354	rBV	1099233	1696533	91.00%	14.623%
19	18.297	1459	1462	1465	rBV2	27834	55938	3.00%	0.482%
20	18.366	1465	1468	1474	rVV	236776	365984	19.63%	3.154%
21	20.023	1611	1613	1619	rBV	183311	253796	13.61%	2.187%

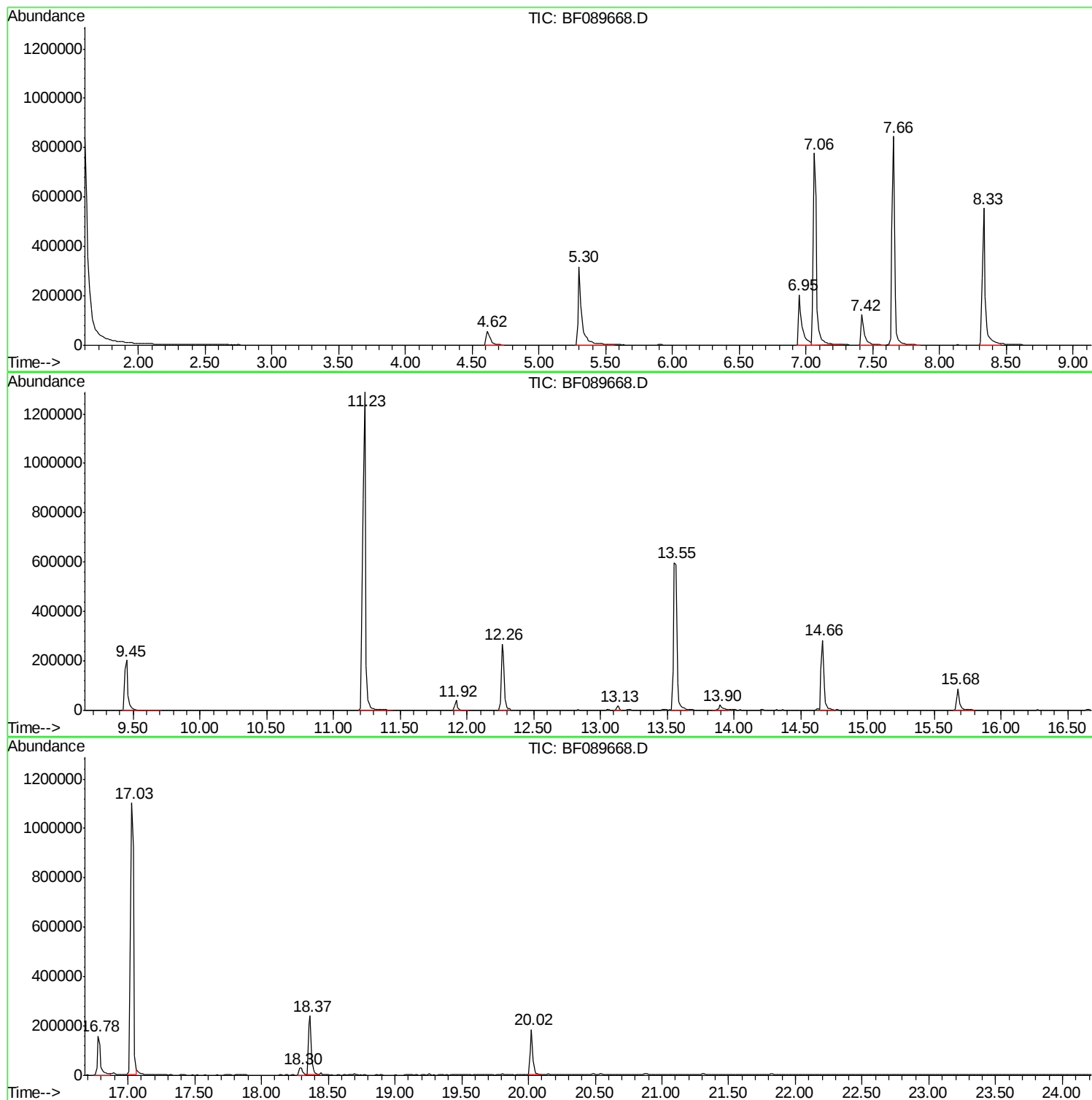
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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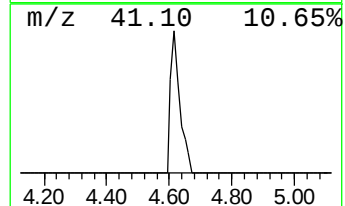
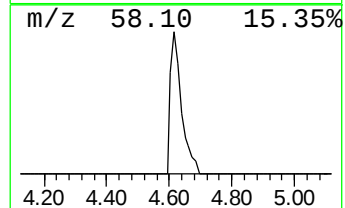
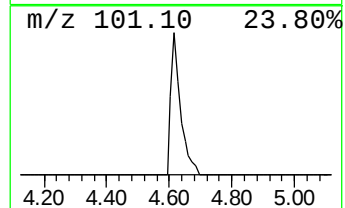
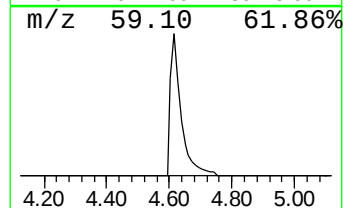
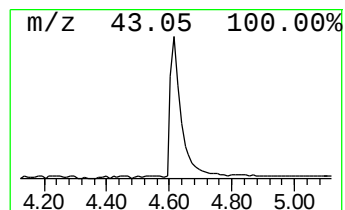
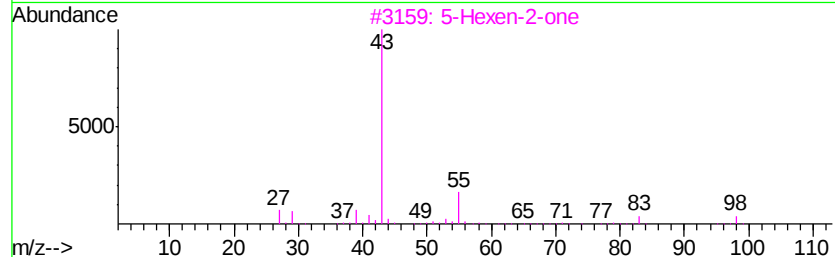
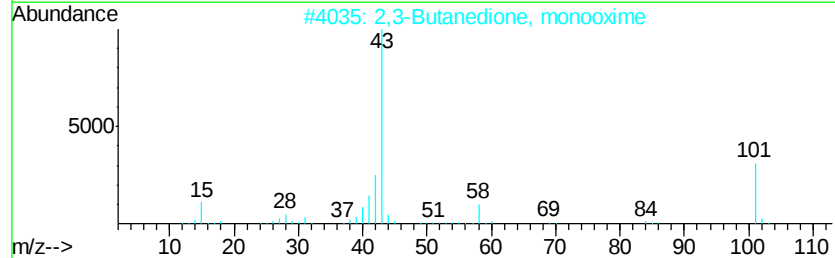
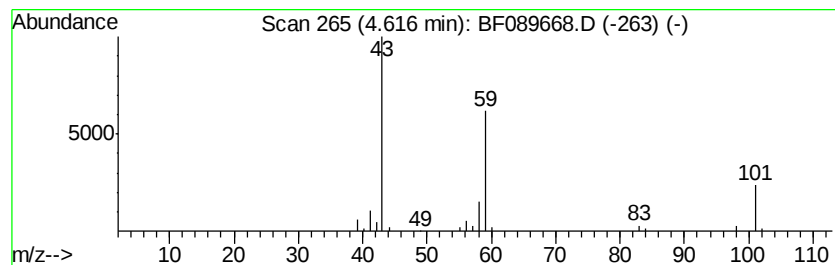
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	11.50 ng	128888	1,4-Dichlorobenzene-d4	7.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
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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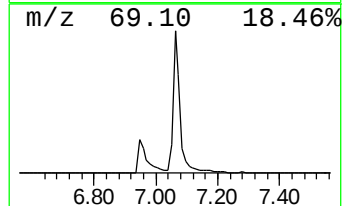
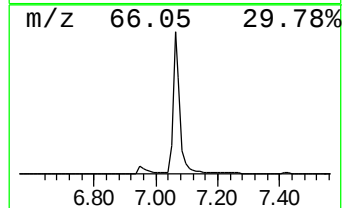
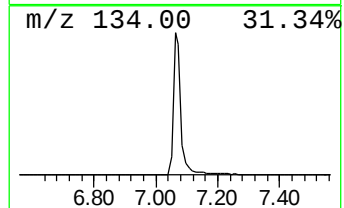
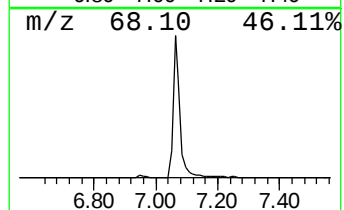
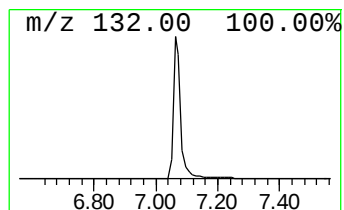
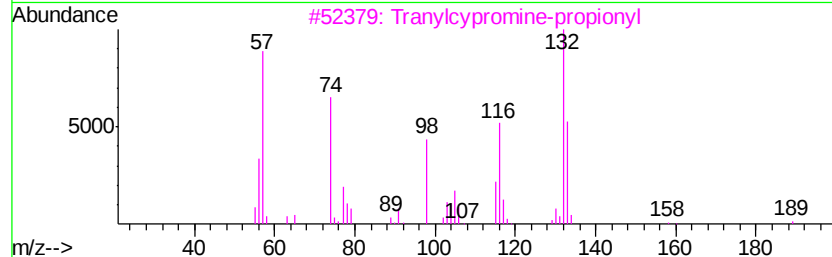
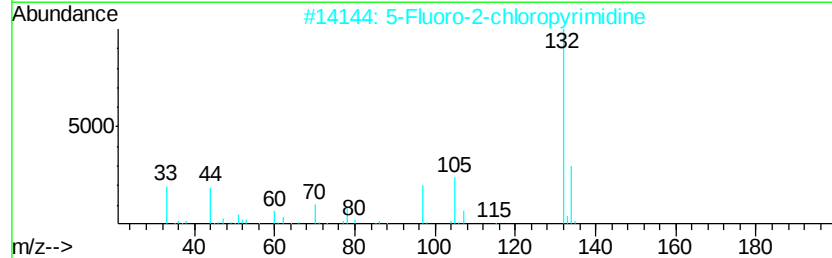
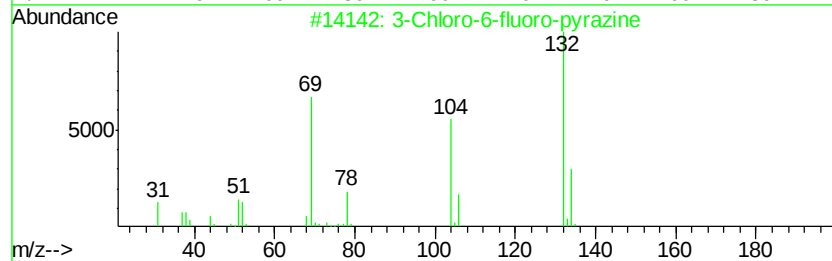
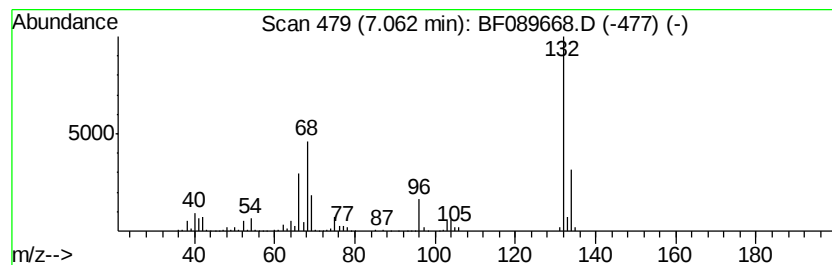
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Peak Number 2 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	112.11 ng	1256340	1,4-Dichlorobenzene-d4	7.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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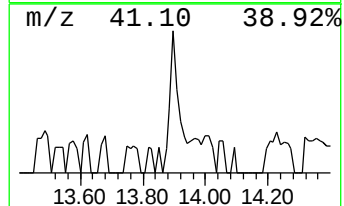
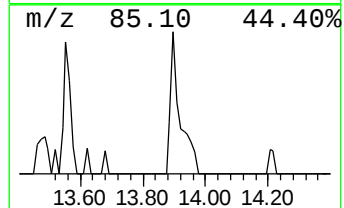
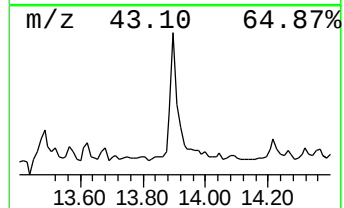
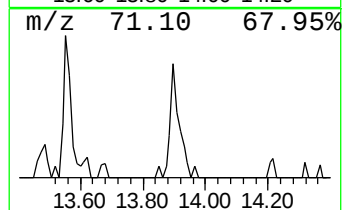
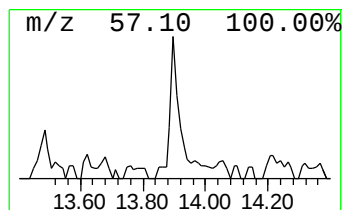
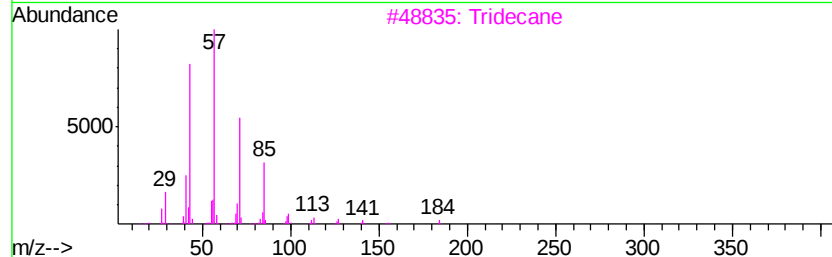
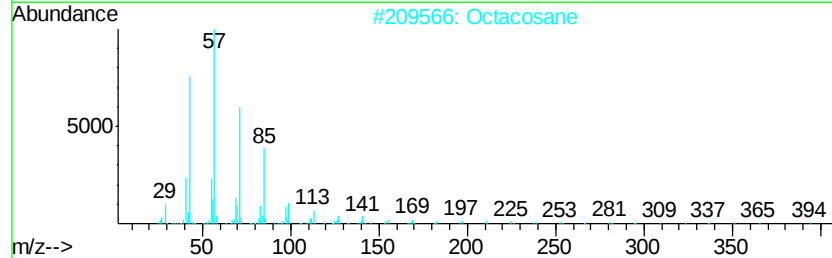
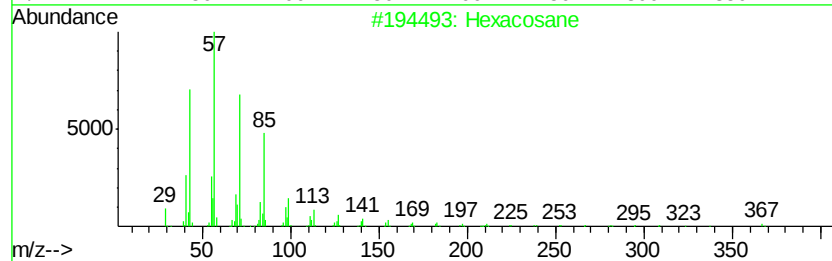
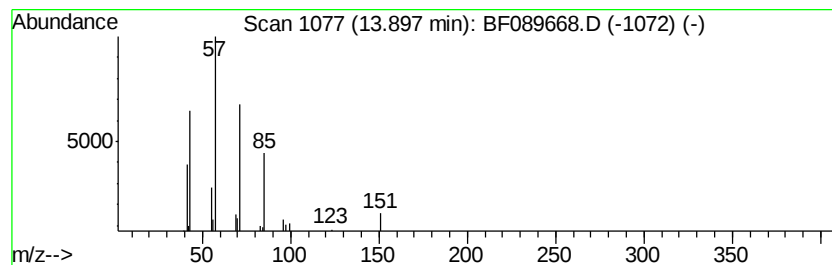
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Peak Number 4 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.32 ng	46895	Phenanthrene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	72
2	Octacosane	394	C28H58	000630-02-4	64
3	Tridecane	184	C13H28	000629-50-5	59
4	Docosane	310	C22H46	000629-97-0	59
5	Heneicosane	296	C21H44	000629-94-7	59



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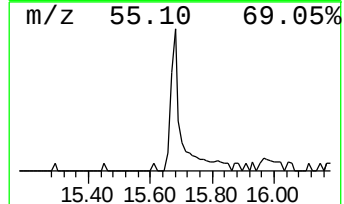
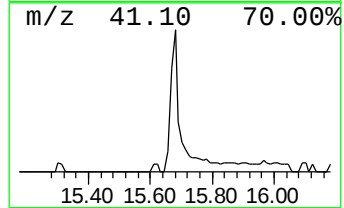
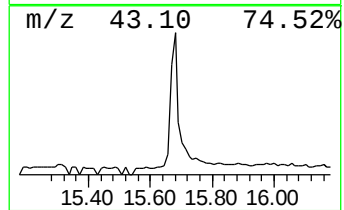
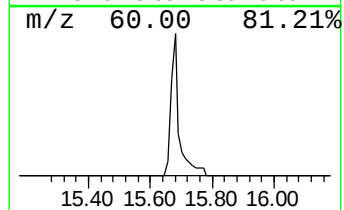
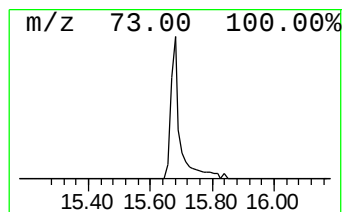
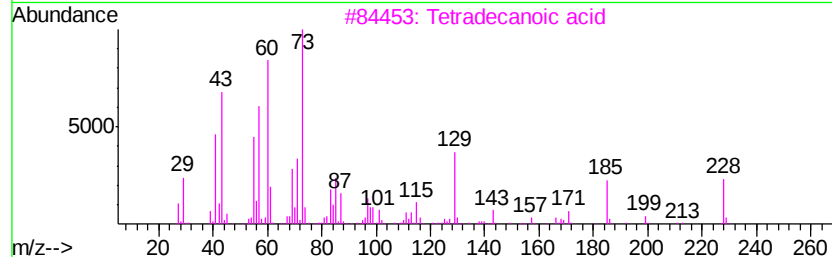
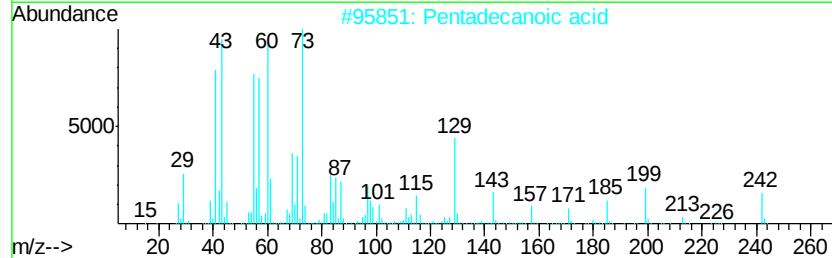
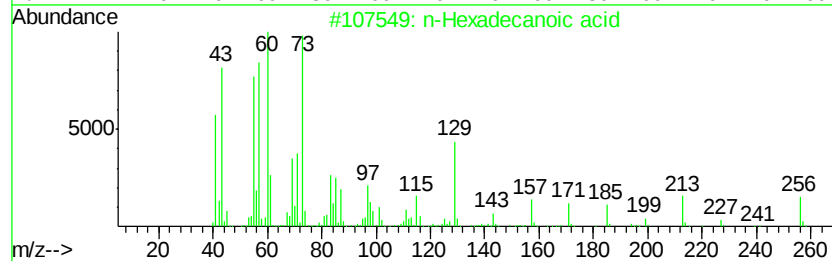
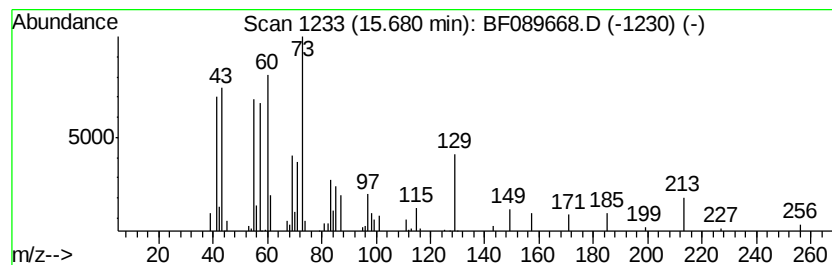
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.30 ng	147393	Phenanthrene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



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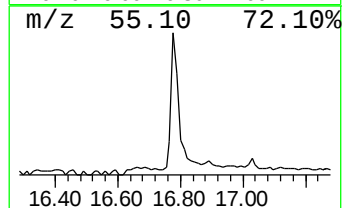
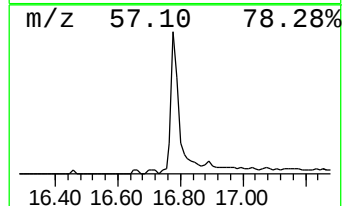
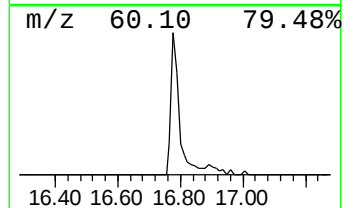
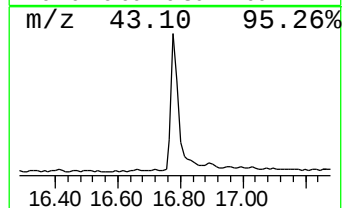
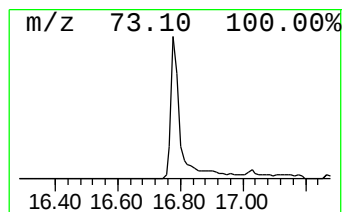
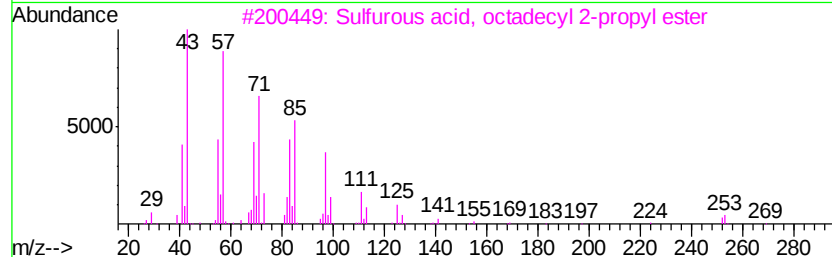
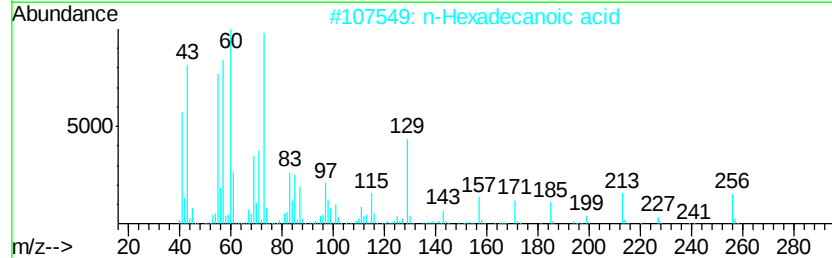
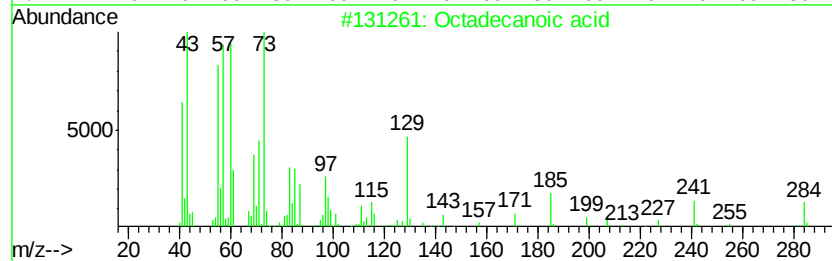
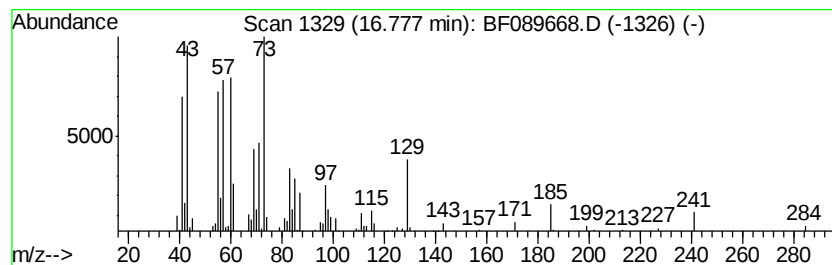
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Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	15.05 ng	275438	Chrysene-d12	18.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
4		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25



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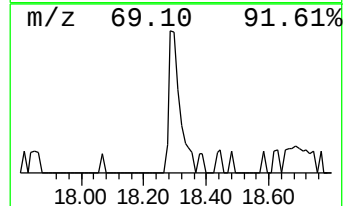
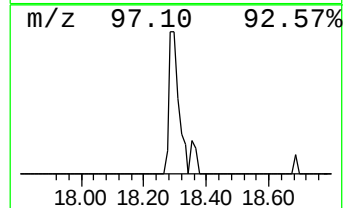
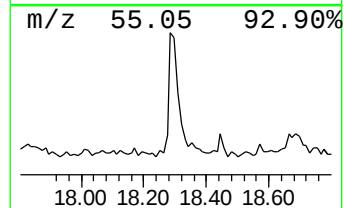
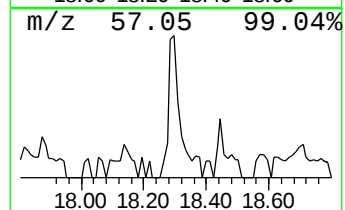
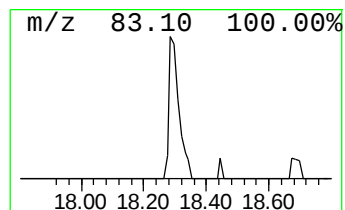
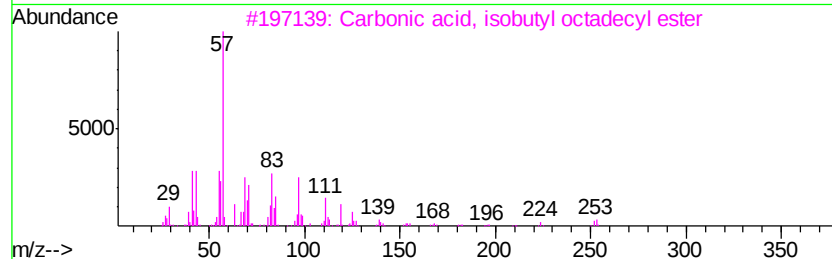
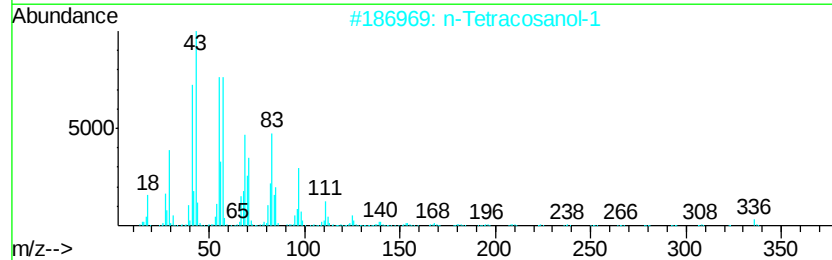
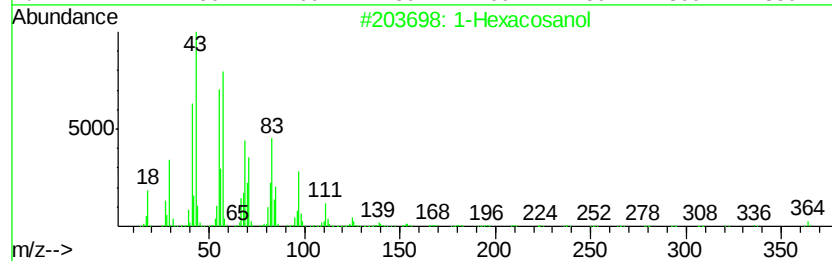
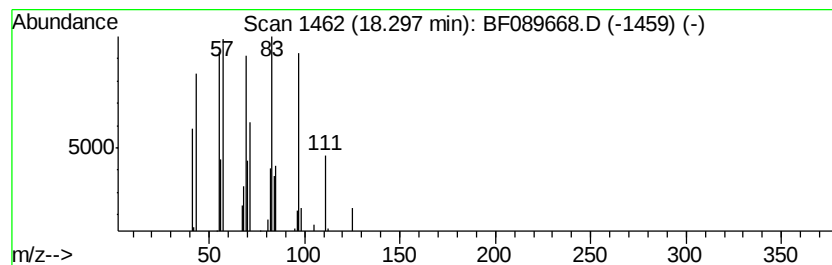
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Peak Number 7 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.30	3.06 ng	55938	Chrysene-d12	18.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	90
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	72
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	64
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089668.D
Acq On : 8 Aug 2016 19:00
Operator : UM/SJ
Sample : H4367-28
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WP-1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.62	11.5	ng	128888	1	7.42	224123	20.0
unknown7.06	7.06	112.1	ng	1256340	1	7.42	224123	20.0
Hexacosane	13.90	2.3	ng	46895	4	14.66	404042	20.0
n-Hexadecanoic acid	15.68	7.3	ng	147393	4	14.66	404042	20.0
Octadecanoic acid	16.78	15.1	ng	275438	5	18.37	365984	20.0
1-Hexacosanol	18.30	3.1	ng	55938	5	18.37	365984	20.0