

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
 Data File : BF095456.D
 Acq On : 26 May 2017 12:37
 Operator : SJ/MA
 Sample : I3241-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC4(0-9.5)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	5.101	534	538	549	rBV	92622	218398	9.69%	1.005%
2	5.713	638	642	670	rBV	736601	1883992	83.55%	8.671%
3	7.289	906	910	926	rBV	810354	1821335	80.77%	8.383%
4	7.407	926	930	950	rVB	1319907	2254939	100.00%	10.378%
5	7.742	983	987	1000	rVB	401330	496897	22.04%	2.287%
6	7.978	1022	1027	1043	rBV	1251216	1572645	69.74%	7.238%
7	8.642	1136	1140	1168	rBV	567789	1226487	54.39%	5.645%
8	9.766	1327	1331	1354	rBV	320358	677742	30.06%	3.119%
9	11.530	1626	1631	1649	rBV	1364891	2244745	99.55%	10.331%
10	12.242	1747	1752	1761	rBV	120503	206869	9.17%	0.952%
11	12.595	1807	1812	1828	rBV2	460621	805089	35.70%	3.705%
12	13.424	1948	1953	1958	rBV	29125	39546	1.75%	0.182%
13	13.895	2028	2033	2053	rBV	750642	1365318	60.55%	6.284%
14	14.201	2081	2085	2088	rBV	25146	31100	1.38%	0.143%
15	15.001	2216	2221	2226	rBV	496128	740792	32.85%	3.409%
16	15.954	2377	2383	2395	rBV3	142019	228864	10.15%	1.053%
17	16.789	2521	2525	2534	rBV	175468	247913	10.99%	1.141%
18	17.042	2564	2568	2572	rBV2	86332	125576	5.57%	0.578%
19	17.089	2572	2576	2586	rVB	198667	286246	12.69%	1.317%
20	17.318	2610	2615	2624	rBV	1832135	2236850	99.20%	10.295%
21	17.695	2675	2679	2683	rBV5	33662	42062	1.87%	0.194%
22	18.142	2752	2755	2759	rVB	67369	66540	2.95%	0.306%
23	18.559	2821	2826	2835	rVB	161675	212777	9.44%	0.979%
24	18.677	2840	2846	2850	rBV	573147	868124	38.50%	3.996%
25	18.965	2891	2895	2900	rBV	161882	169692	7.53%	0.781%
26	19.347	2956	2960	2963	rBV	172861	175720	7.79%	0.809%
27	19.683	3013	3017	3020	rBV	131137	161814	7.18%	0.745%
28	19.718	3020	3023	3028	rVV	137542	158991	7.05%	0.732%
29	19.789	3032	3035	3043	rVB4	24552	31583	1.40%	0.145%
30	19.959	3059	3064	3066	rBV	54760	85003	3.77%	0.391%
31	20.071	3079	3083	3089	rBV	103485	110662	4.91%	0.509%
32	20.247	3109	3113	3118	rBV	34099	44692	1.98%	0.206%
33	20.306	3118	3123	3127	rVV	64719	101113	4.48%	0.465%
34	20.353	3127	3131	3139	rVV	358968	571509	25.34%	2.630%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.418	3139	3142	3150	rVB	61516	94214	4.18%	0.434%
36	20.794	3202	3206	3210	rBV2	35400	50200	2.23%	0.231%
37	21.730	3360	3365	3367	rBV4	17581	25569	1.13%	0.118%
38	21.871	3385	3389	3395	rBV8	10133	22917	1.02%	0.105%
39	22.118	3427	3431	3436	rBV6	12703	22856	1.01%	0.105%

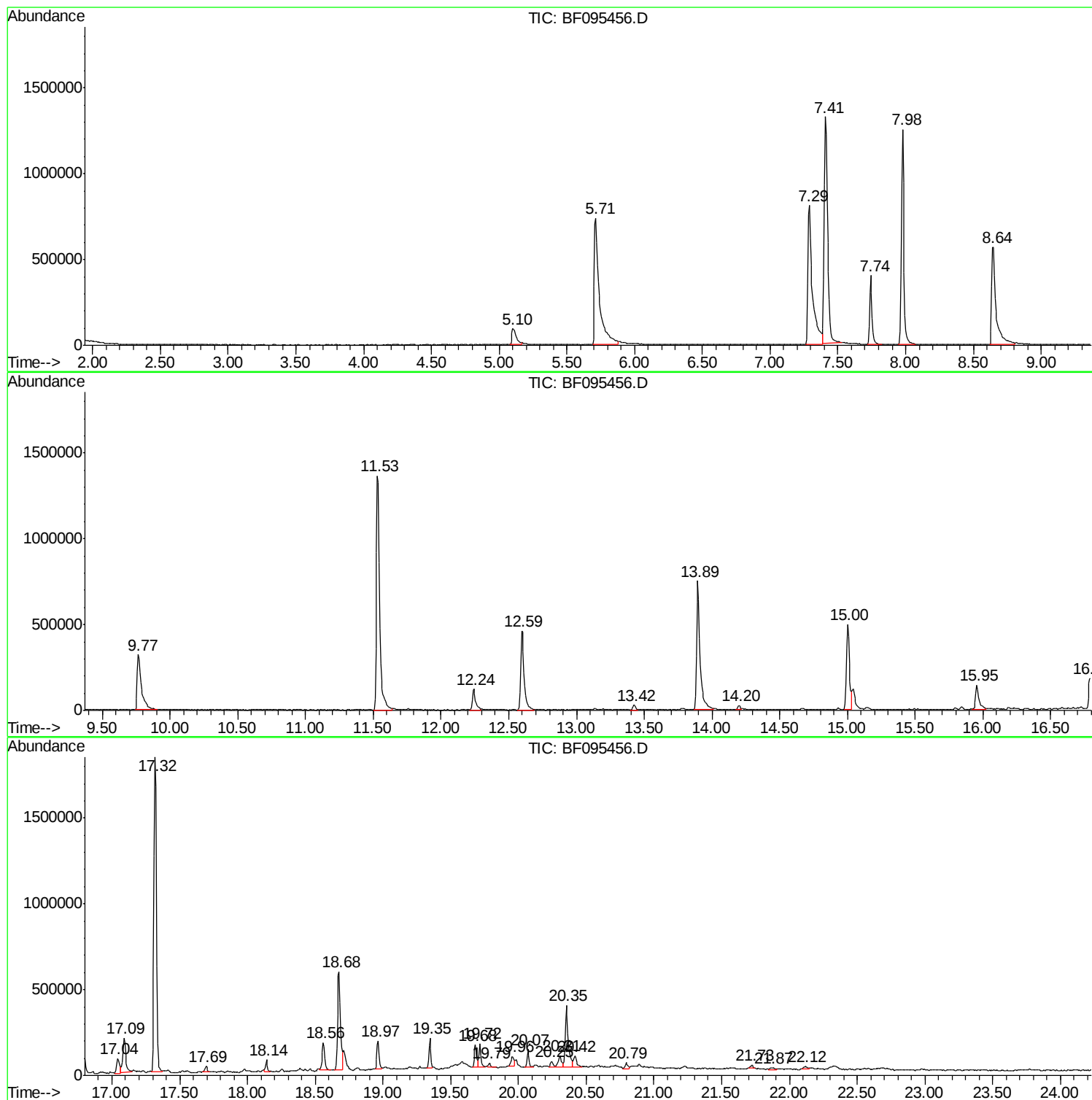
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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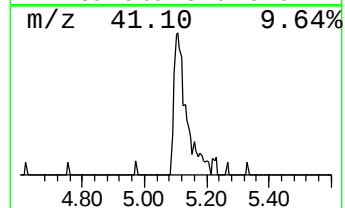
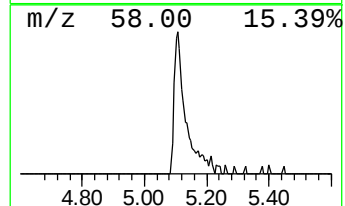
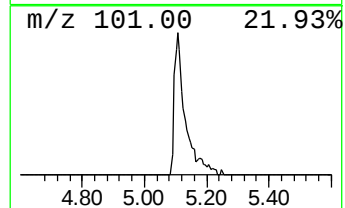
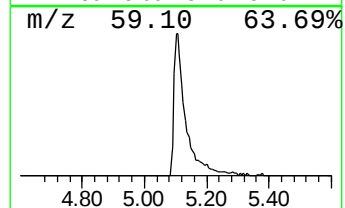
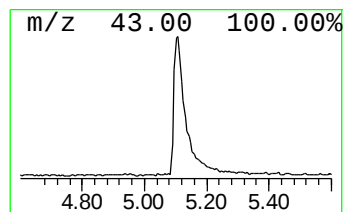
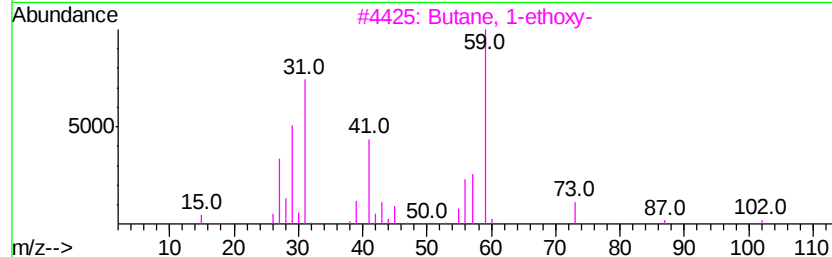
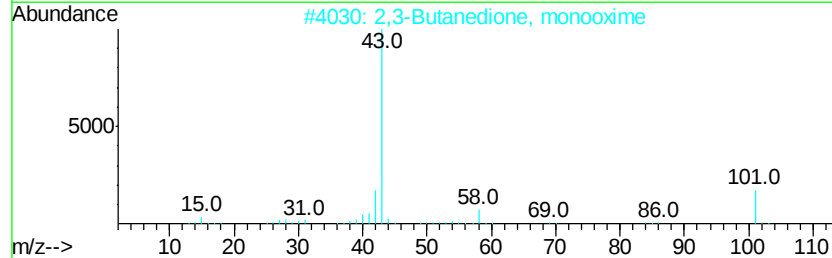
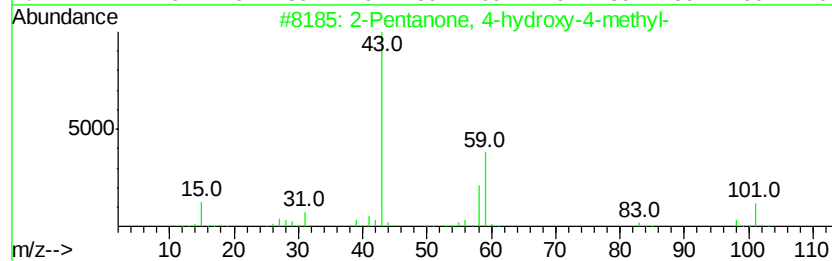
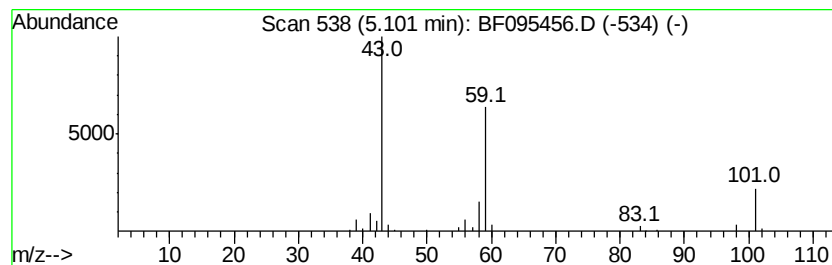
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	8.79 ng	218398	1,4-Dichlorobenzene-d4	7.74

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	38
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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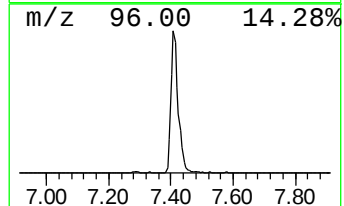
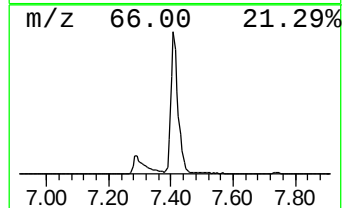
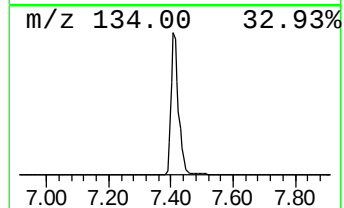
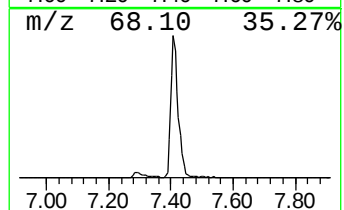
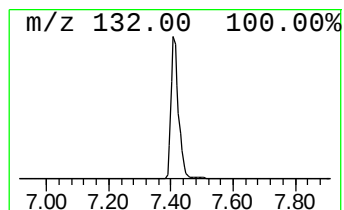
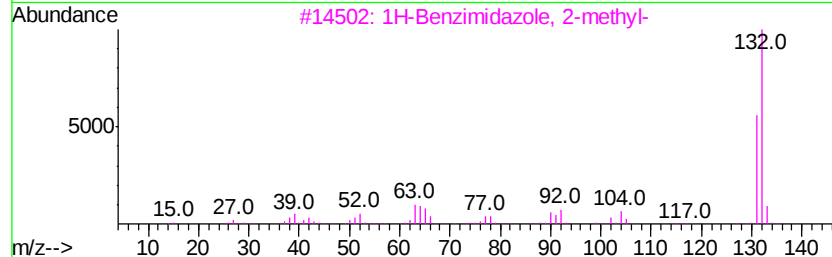
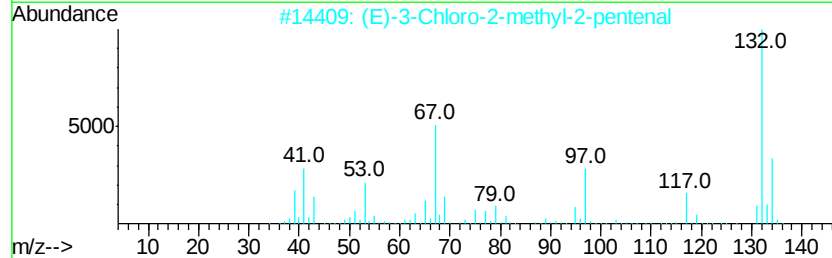
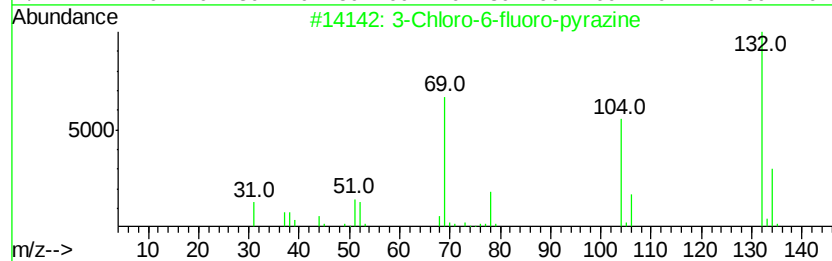
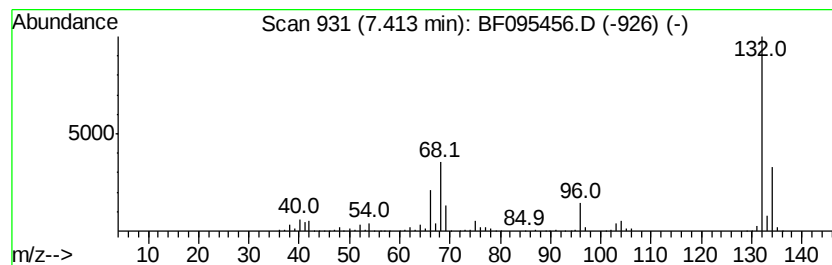
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Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	90.76 ng	2254940	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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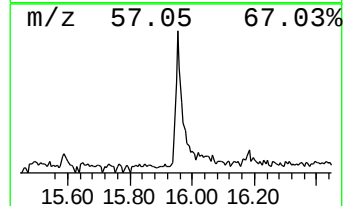
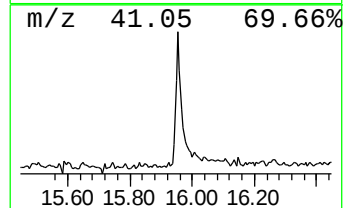
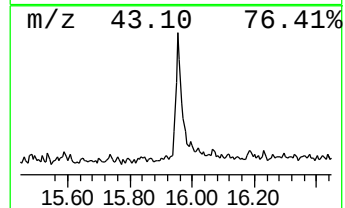
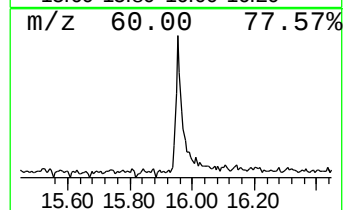
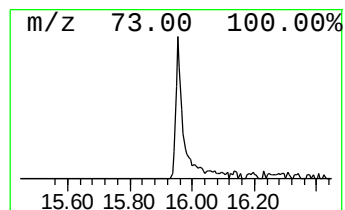
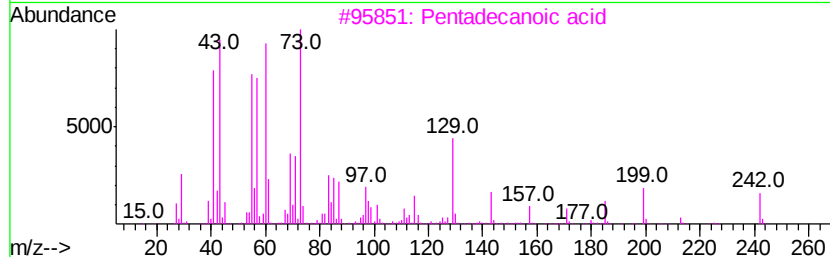
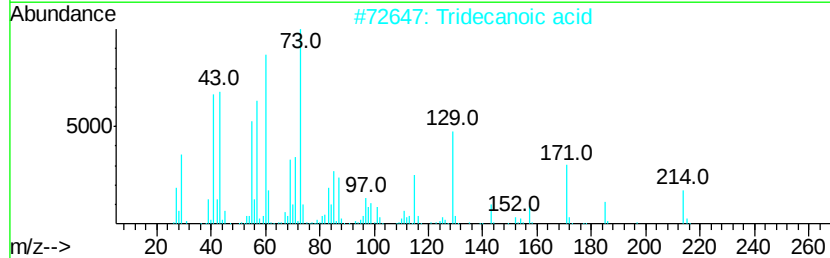
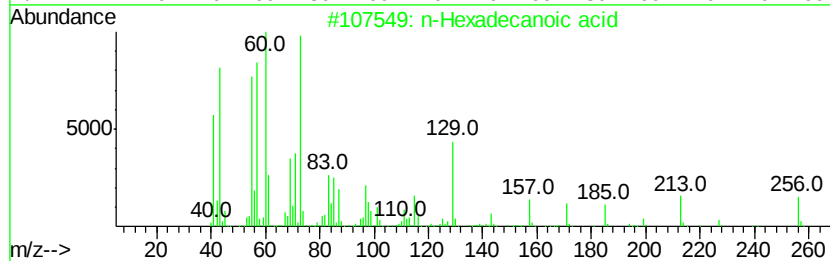
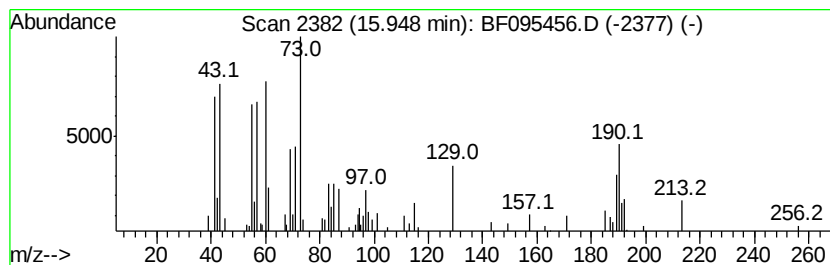
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	6.18 ng	228864	Phenanthrene-d10	15.00

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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25



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EP1-WC4(0-9.5)

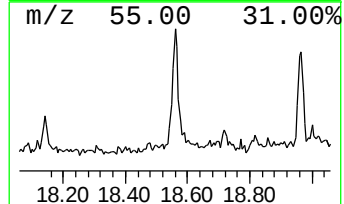
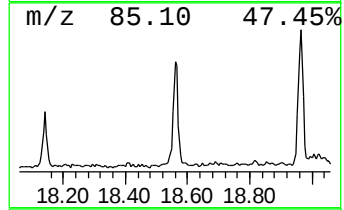
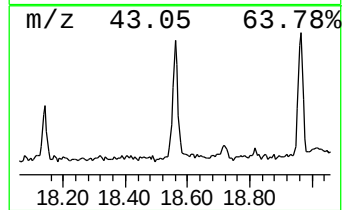
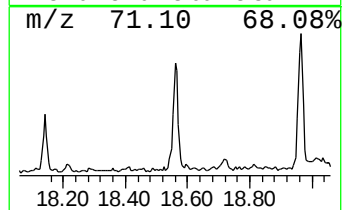
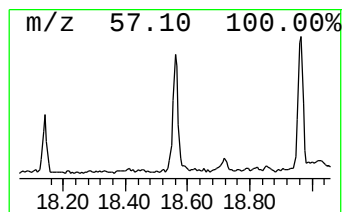
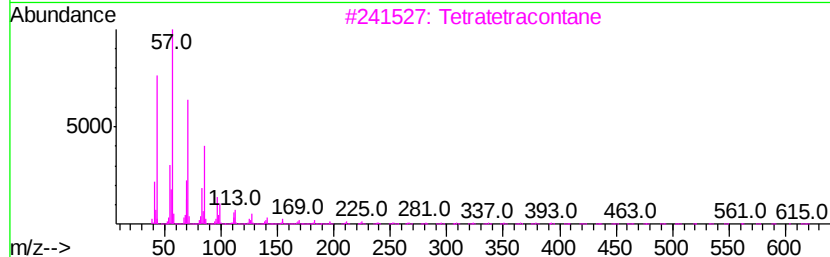
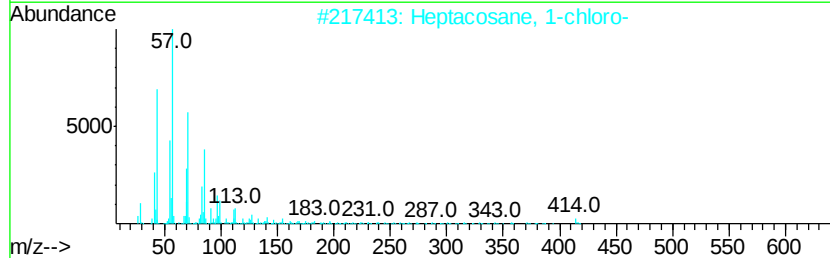
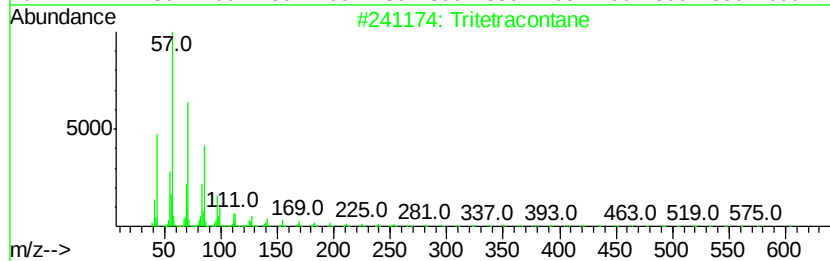
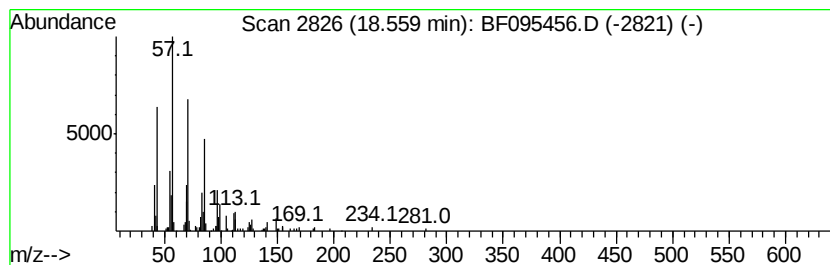
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.90 ng	212777	Chrysene-d12	18.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91



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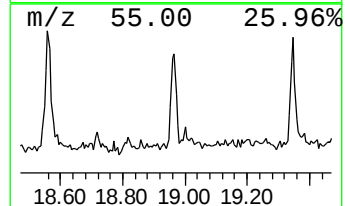
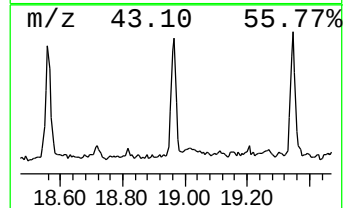
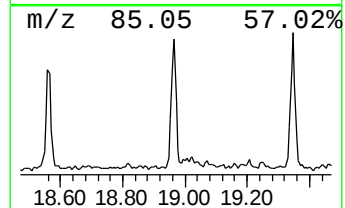
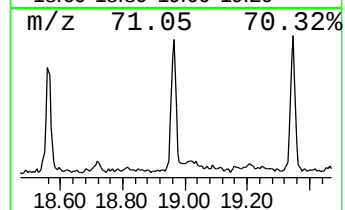
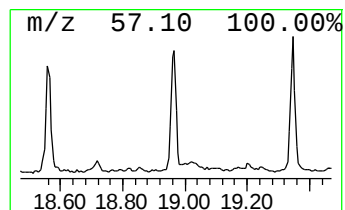
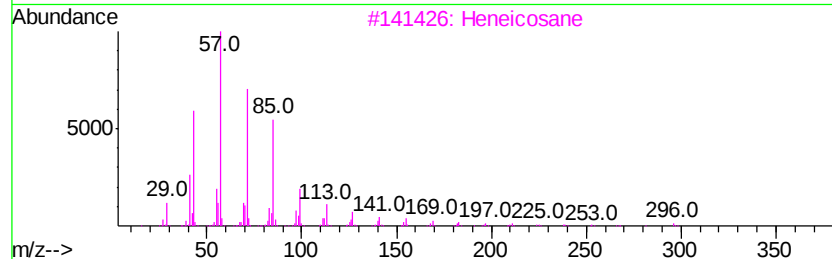
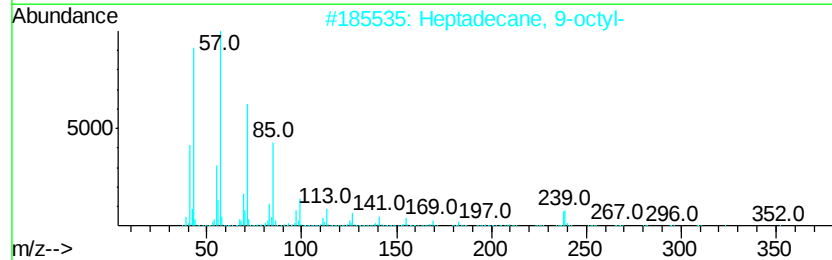
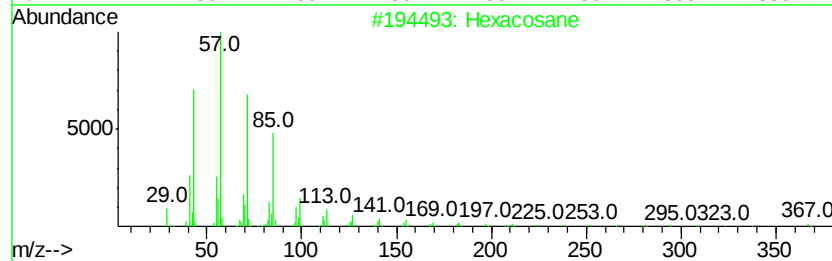
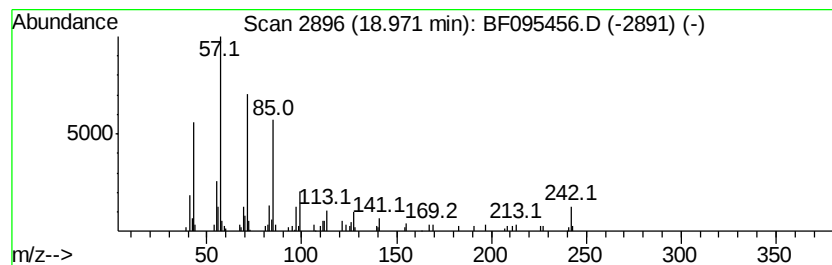
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	3.91 ng	169692	Chrysene-d12	18.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095456.D
Acq On : 26 May 2017 12:37
Operator : SJ/MA
Sample : I3241-15
Misc :
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Instrument :
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ClientSampleId :
EP1-WC4(0-9.5)

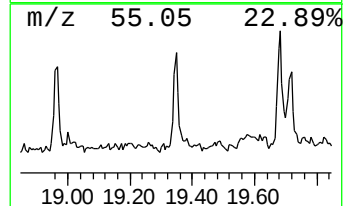
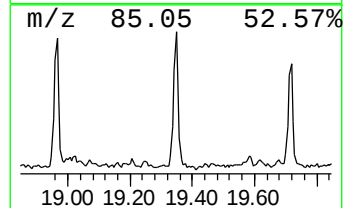
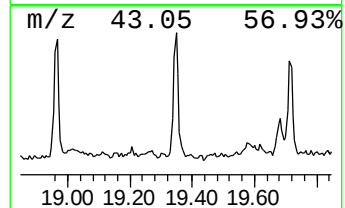
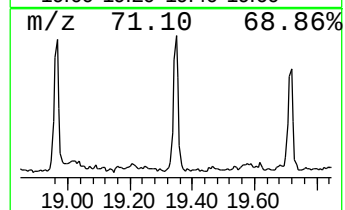
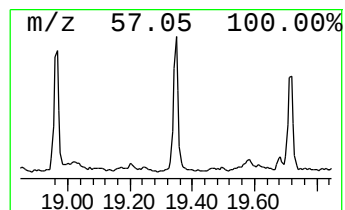
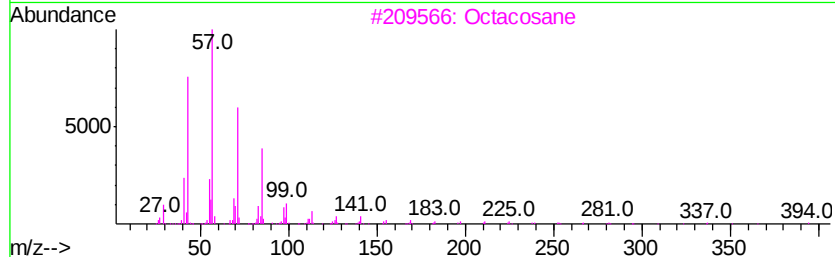
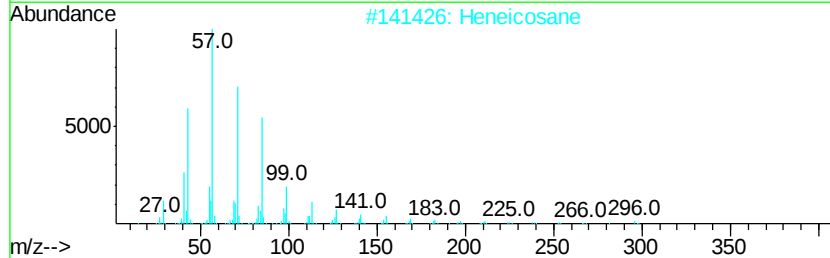
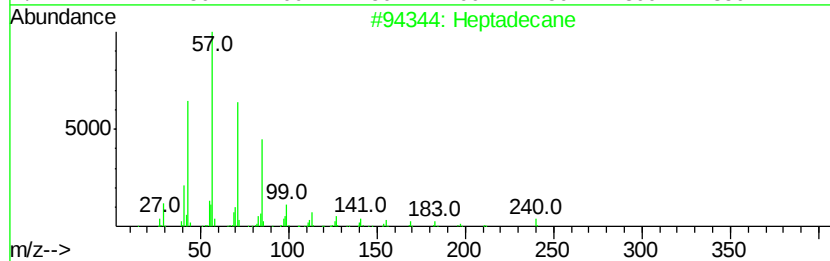
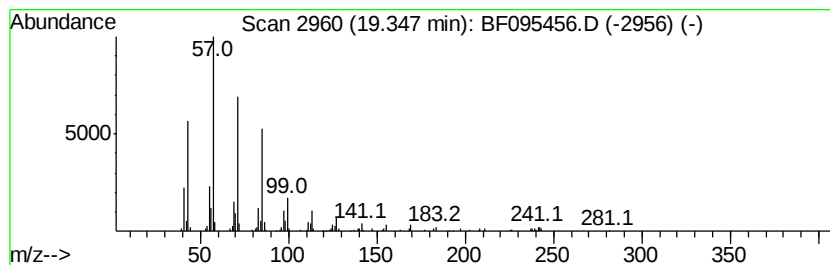
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.05 ng	175720	Chrysene-d12	18.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095456.D
Acq On : 26 May 2017 12:37
Operator : SJ/MA
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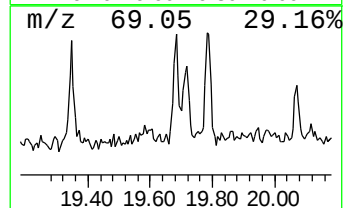
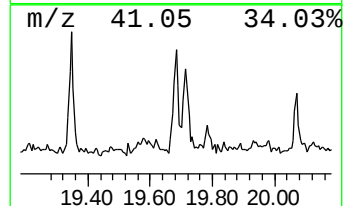
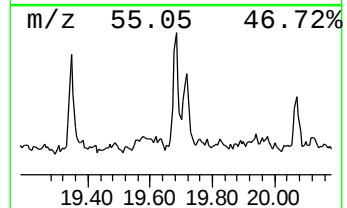
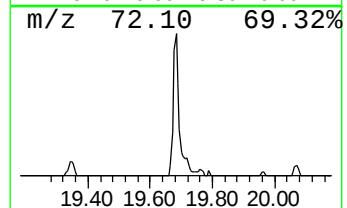
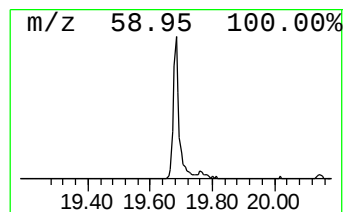
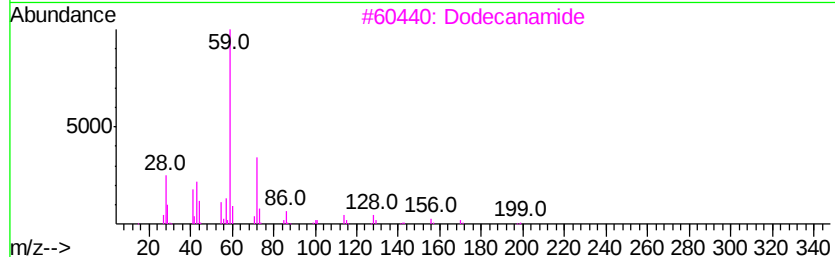
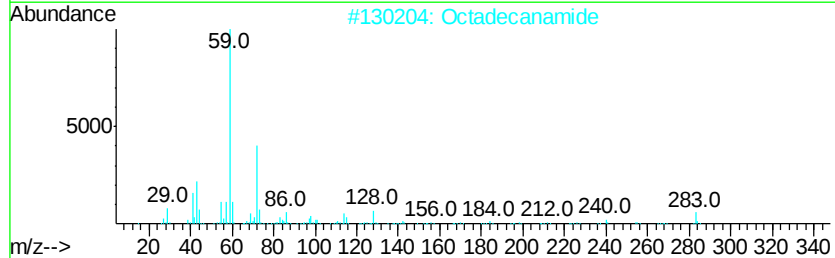
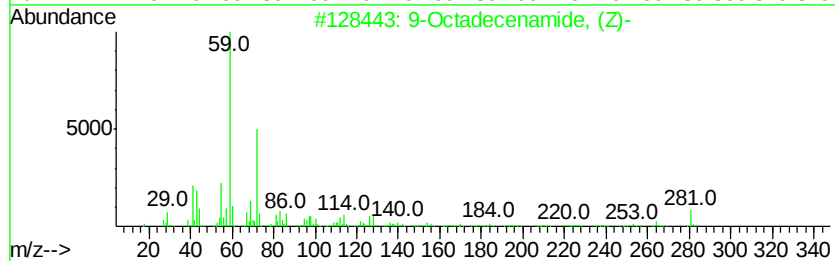
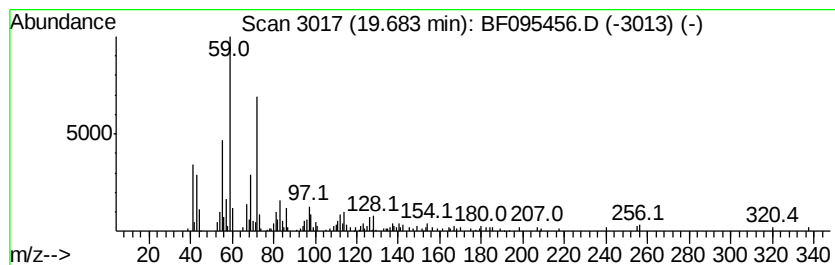
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	5.66 ng	161814	Perylene-d12	20.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		Octadecanamide	283	C18H37NO	000124-26-5	59
3		Dodecanamide	199	C12H25NO	001120-16-7	59
4		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
5		Decanamide-	171	C10H21NO	002319-29-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095456.D
Acq On : 26 May 2017 12:37
Operator : SJ/MA
Sample : I3241-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-WC4(0-9.5)

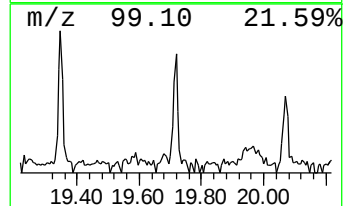
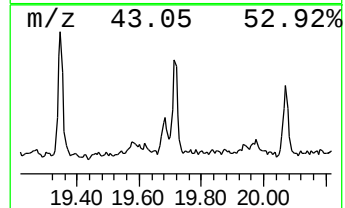
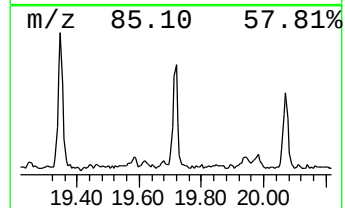
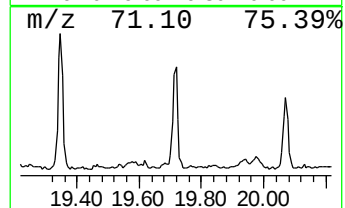
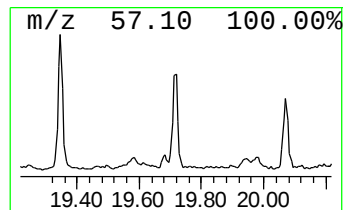
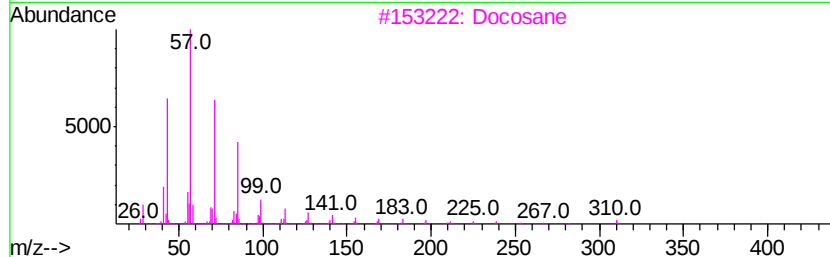
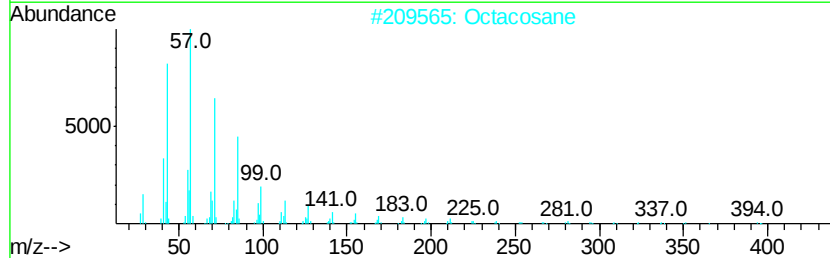
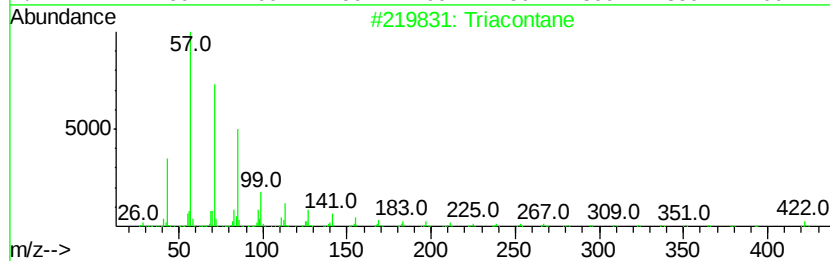
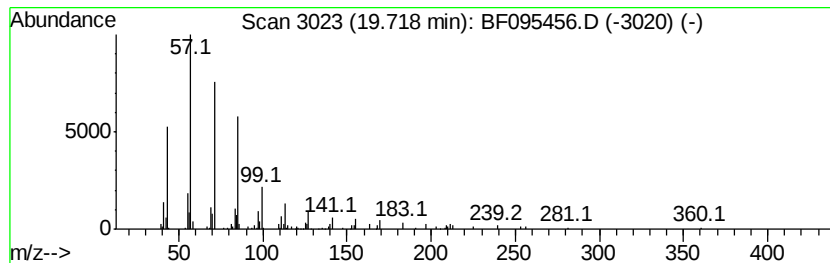
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	5.56 ng	158991	Perylene-d12	20.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Docosane	310	C22H46	000629-97-0	87
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095456.D
Acq On : 26 May 2017 12:37
Operator : SJ/MA
Sample : I3241-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

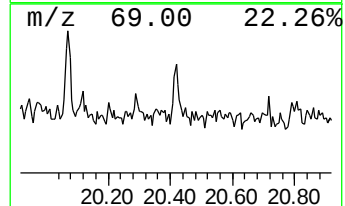
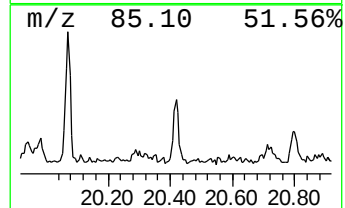
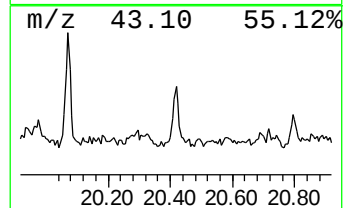
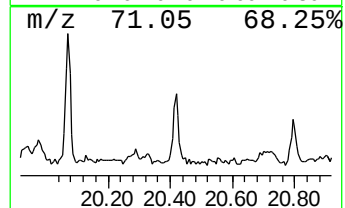
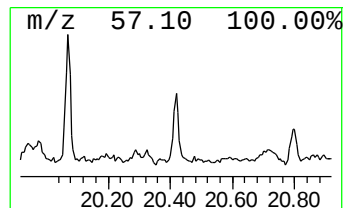
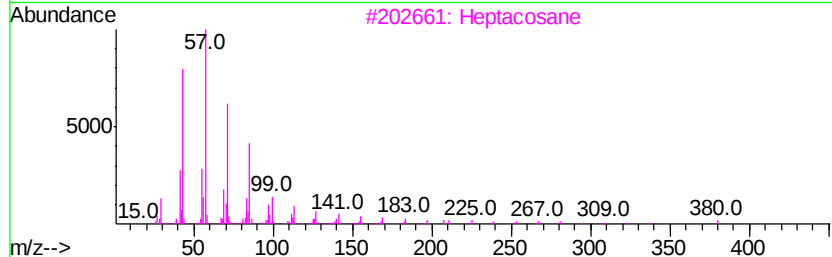
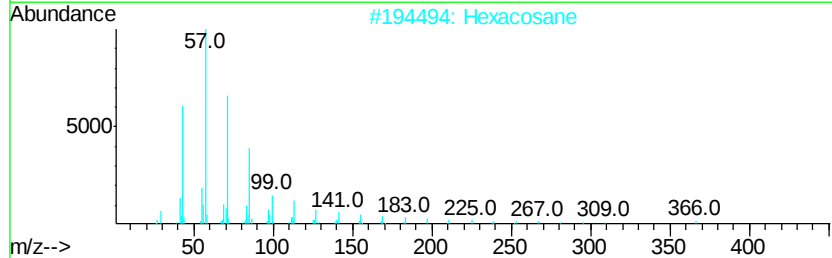
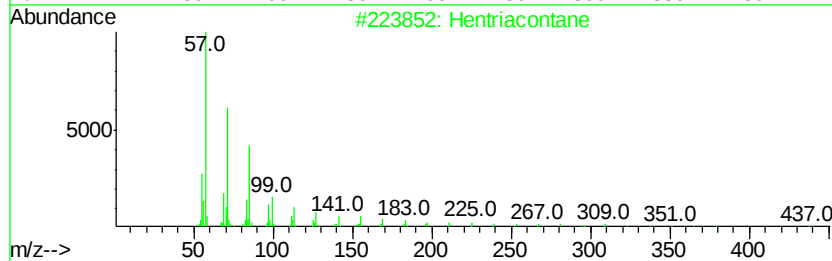
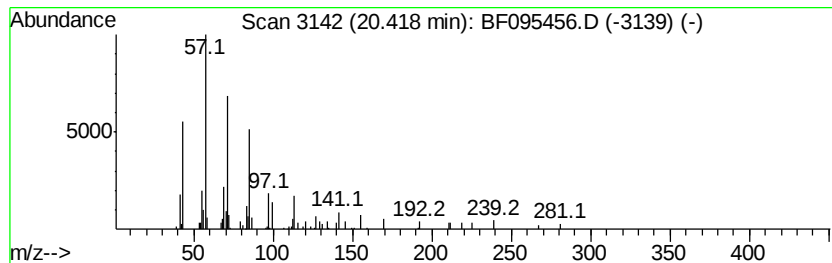
Instrument :
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ClientSampleId :
EP1-WC4(0-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.42	3.30 ng	94214	Perylene-d12	20.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	86
2	Hexacosane	366	C26H54	000630-01-3	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	80
5	Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052617\
Data File : BF095456.D
Acq On : 26 May 2017 12:37
Operator : SJ/MA
Sample : I3241-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-WC4(0-9.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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...	5.10	8.8	ng	218398	1	7.74	496897	20.0
unknown7.41	7.41	90.8	ng	2254940	1	7.74	496897	20.0
n-Hexadecanoic acid	15.95	6.2	ng	228864	4	15.00	740792	20.0
Tritetracontane	18.56	4.9	ng	212777	5	18.68	868124	20.0
Hexacosane	18.97	3.9	ng	169692	5	18.68	868124	20.0
Heptadecane	19.35	4.0	ng	175720	5	18.68	868124	20.0
9-Octadecenamide, ...	19.68	5.7	ng	161814	6	20.35	571509	20.0
Triacontane	19.72	5.6	ng	158991	6	20.35	571509	20.0
Hentriacontane	20.42	3.3	ng	94214	6	20.35	571509	20.0