

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095751.D
 Acq On : 7 Jun 2017 17:55
 Operator : SJ/MA
 Sample : I3479-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)20170603

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-BF060517.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	4.581	504	509	528	rBV	59076	162150	9.30%	1.109%
2	5.269	622	626	657	rBV	790901	1447209	83.02%	9.900%
3	6.945	906	911	922	rBV	922185	1420882	81.51%	9.719%
4	7.039	922	927	945	rVB	1188686	1664418	95.48%	11.385%
5	7.380	981	985	998	rBV	327302	425300	24.40%	2.909%
6	7.622	1021	1026	1036	rBV	984110	1216415	69.78%	8.321%
7	8.298	1136	1141	1161	rBV	689231	904928	51.91%	6.190%
8	9.416	1326	1331	1344	rBV	444111	563692	32.34%	3.856%
9	11.198	1628	1634	1646	rBV	1440334	1743231	100.00%	11.924%
10	11.886	1747	1751	1756	rBV	180792	209022	11.99%	1.430%
11	12.239	1806	1811	1817	rBV2	462841	584203	33.51%	3.996%
12	12.286	1817	1819	1824	rVB2	29035	31592	1.81%	0.216%
13	13.098	1953	1957	1961	rVB	38695	42983	2.47%	0.294%
14	13.457	2012	2018	2022	rBV4	13273	25439	1.46%	0.174%
15	13.533	2026	2031	2039	rBV	562649	747916	42.90%	5.116%
16	13.868	2084	2088	2091	rBV2	39281	54470	3.12%	0.373%
17	14.598	2208	2212	2214	rBV	26112	35269	2.02%	0.241%
18	14.627	2214	2217	2222	rVV	358972	476391	27.33%	3.259%
19	14.668	2222	2224	2230	rVB	38352	44571	2.56%	0.305%
20	15.651	2387	2391	2397	rVB2	74858	98161	5.63%	0.671%
21	16.109	2466	2469	2474	rVB2	39638	48372	2.77%	0.331%
22	16.450	2521	2527	2532	rVB	80201	102176	5.86%	0.699%
23	16.539	2538	2542	2547	rBV	74413	82520	4.73%	0.564%
24	16.750	2574	2578	2585	rVB	112651	129096	7.41%	0.883%
25	17.003	2616	2621	2627	rVB	989851	1130005	64.82%	7.730%
26	17.162	2645	2648	2652	rBV	22282	31957	1.83%	0.219%
27	17.368	2679	2683	2686	rBV6	15348	26181	1.50%	0.179%
28	17.415	2688	2691	2694	rVB2	19288	21655	1.24%	0.148%
29	17.562	2713	2716	2721	rBV6	14794	21627	1.24%	0.148%
30	17.715	2739	2742	2745	rBV5	16741	20275	1.16%	0.139%
31	17.797	2753	2756	2759	rBV	59398	60976	3.50%	0.417%
32	17.862	2764	2767	2770	rVB2	17637	19342	1.11%	0.132%
33	18.262	2831	2835	2843	rBV4	73604	154700	8.87%	1.058%
34	18.344	2844	2849	2853	rBV	397475	464377	26.64%	3.177%

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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

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35	19.062	2969	2971	2978	rVB	66385	93085	5.34%	0.637%
36	20.015	3130	3133	3141	rVB	264344	314376	18.03%	2.150%

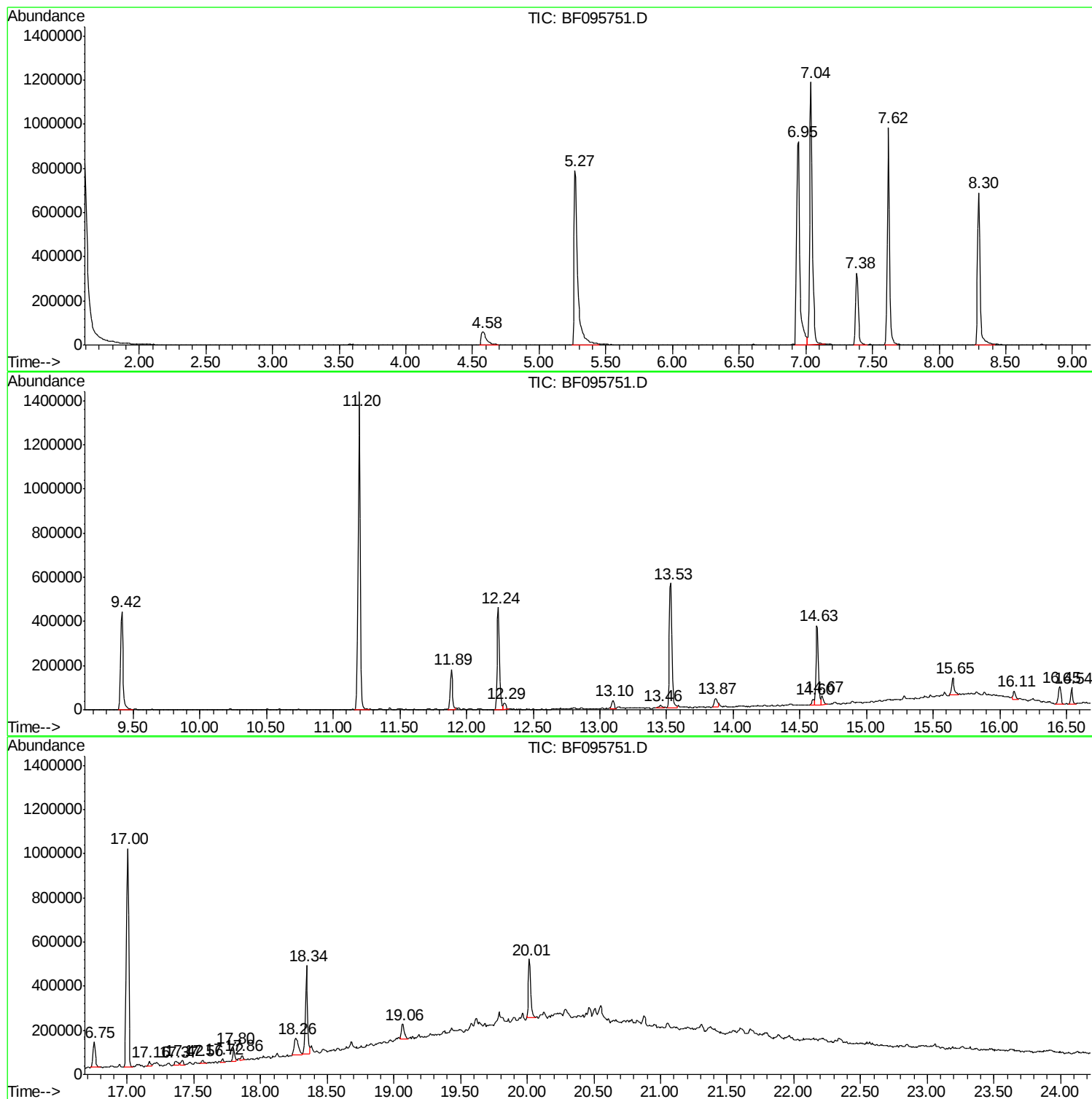
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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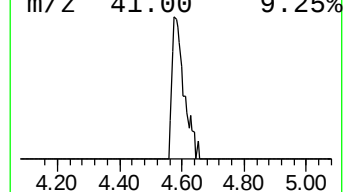
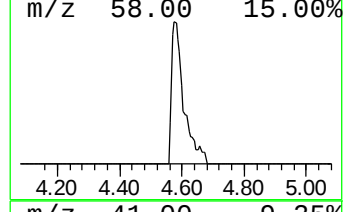
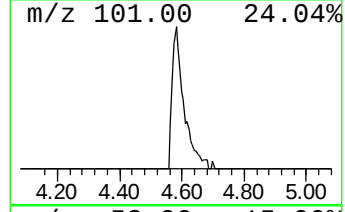
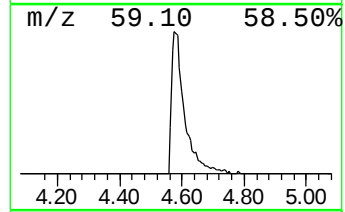
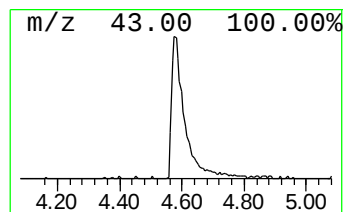
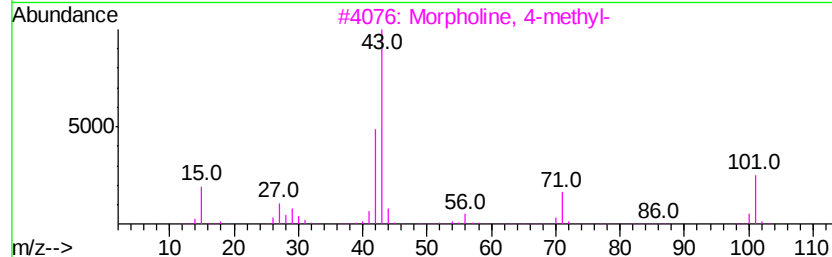
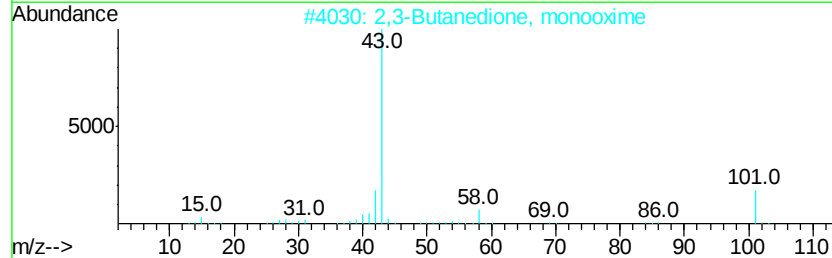
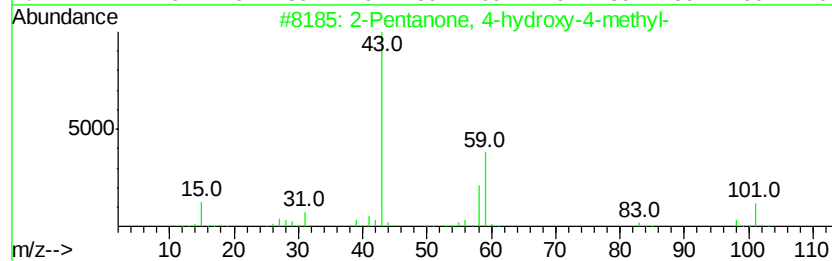
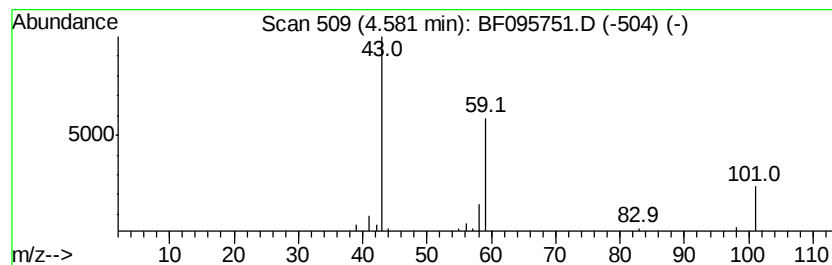
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	7.63 ng	162150	1,4-Dichlorobenzene-d4	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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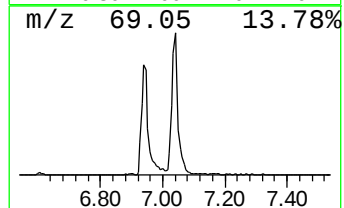
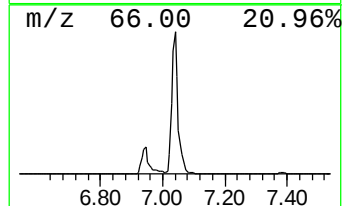
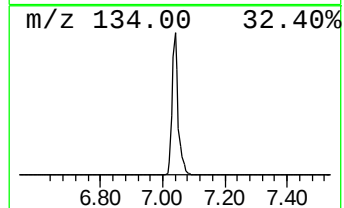
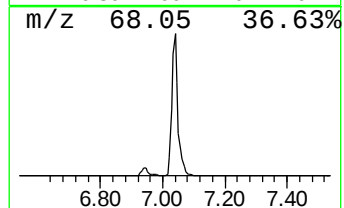
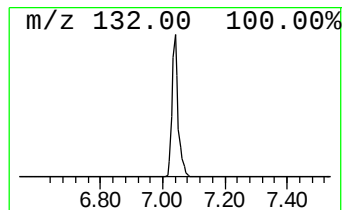
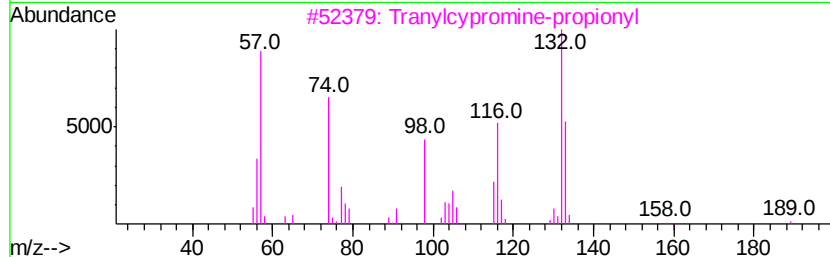
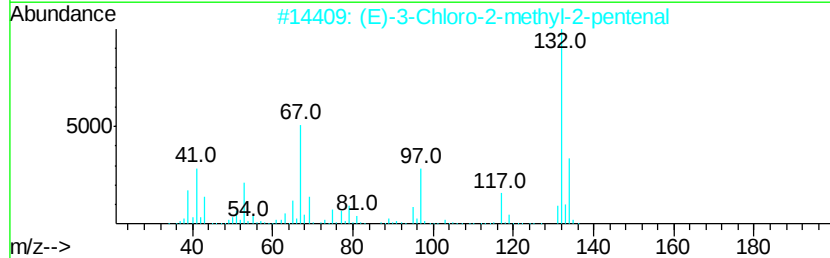
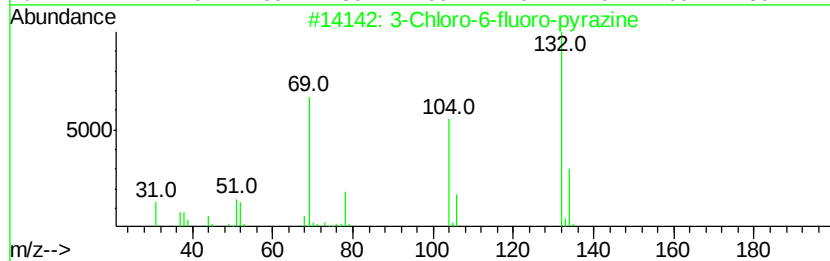
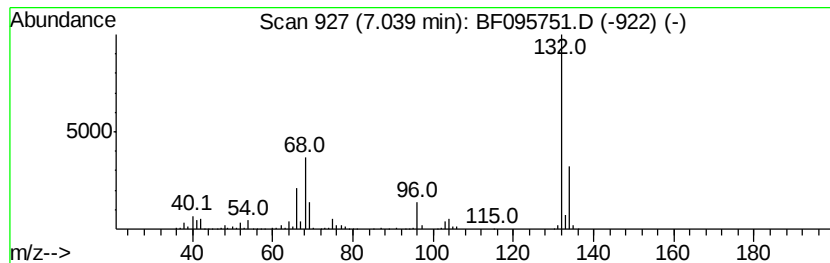
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	78.27 ng	1664420	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10



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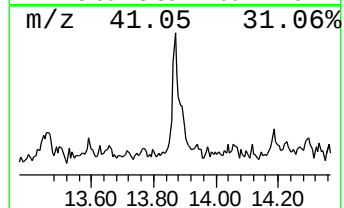
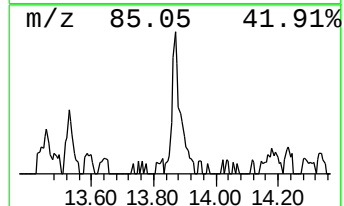
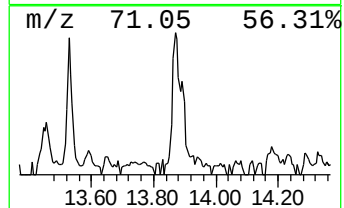
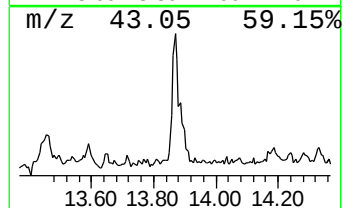
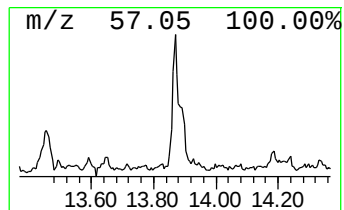
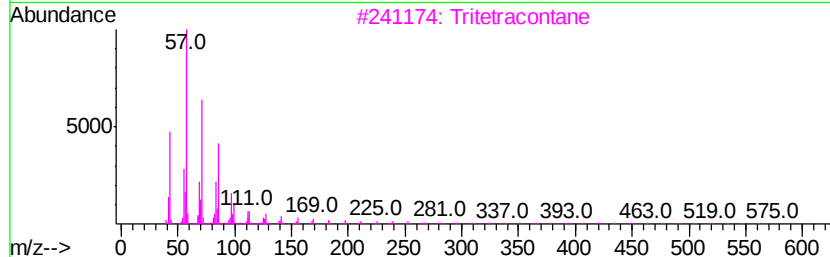
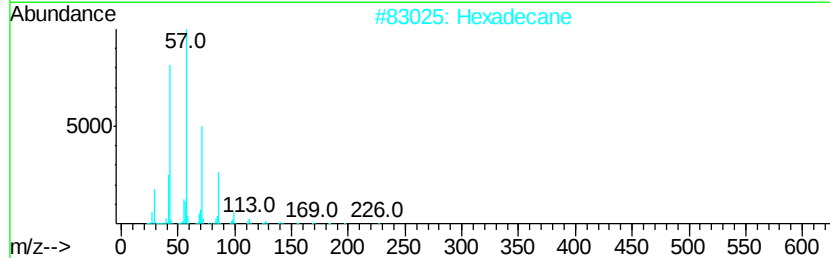
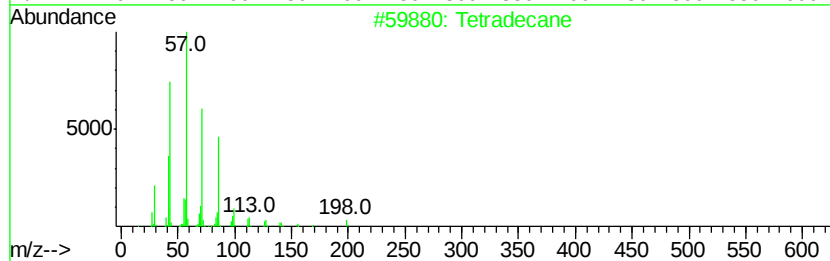
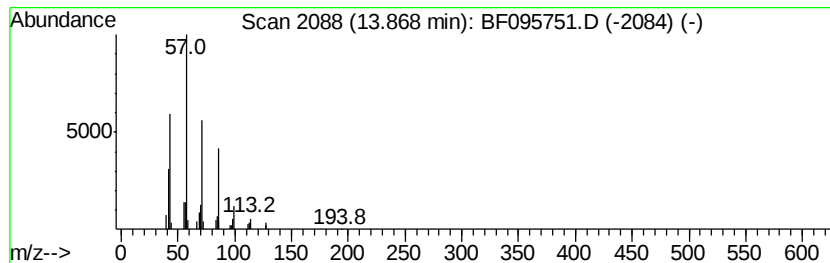
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.29 ng	54470	Phenanthrene-d10	14.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tritetracontane	605	C43H88	007098-21-7	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



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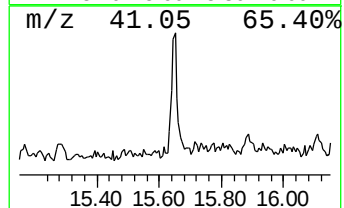
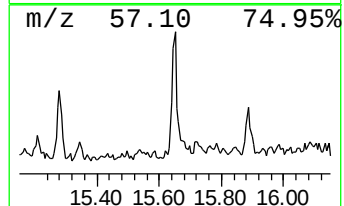
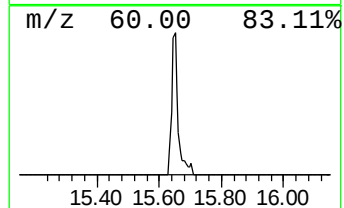
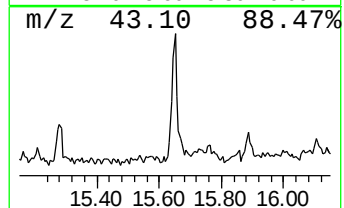
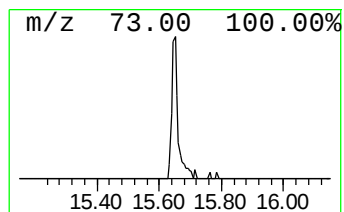
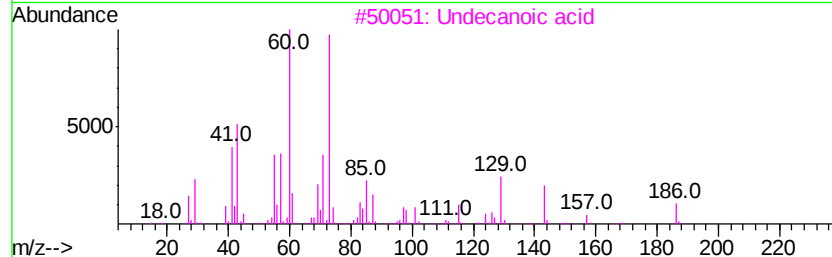
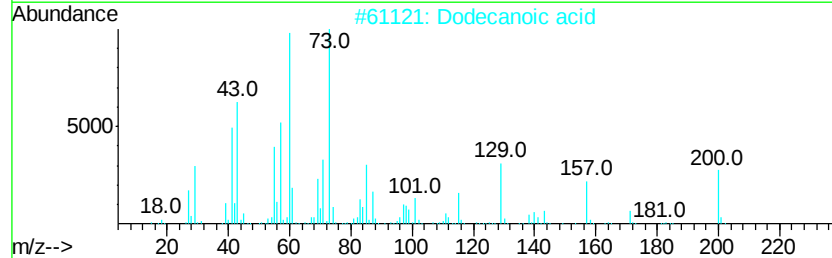
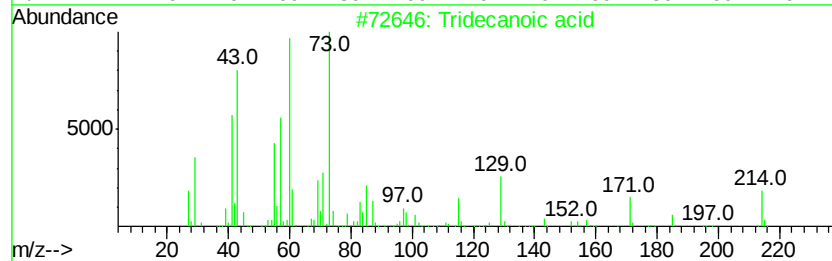
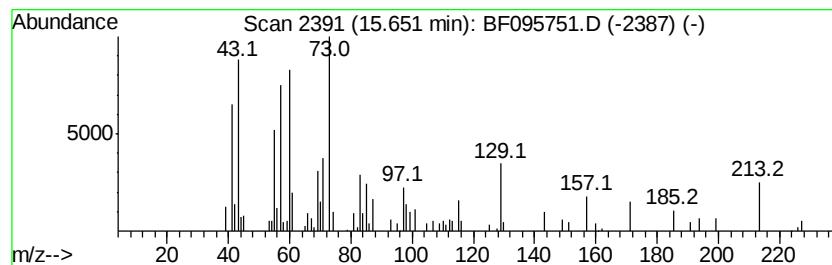
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.12 ng	98161	Phenanthrene-d10	14.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	72
2		Dodecanoic acid	200	C12H24O2	000143-07-7	64
3		Undecanoic acid	186	C11H22O2	000112-37-8	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Lactose	342	C12H22O11	000063-42-3	47



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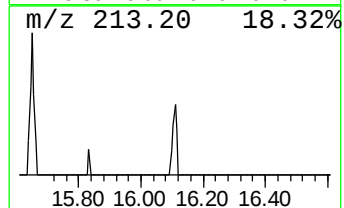
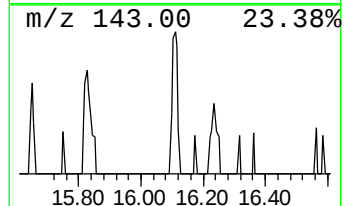
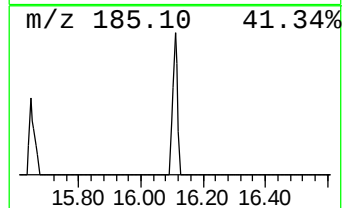
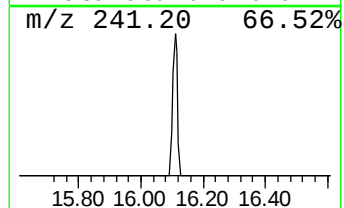
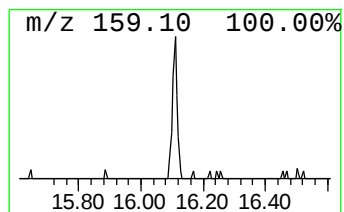
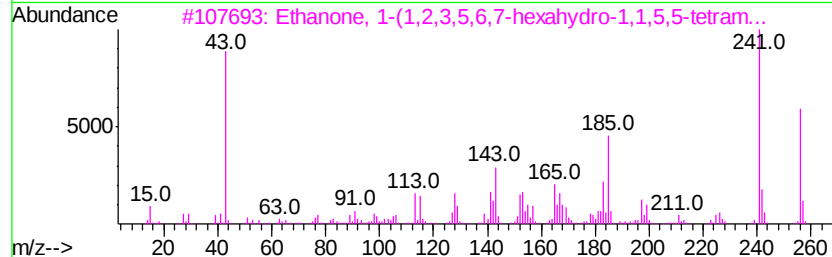
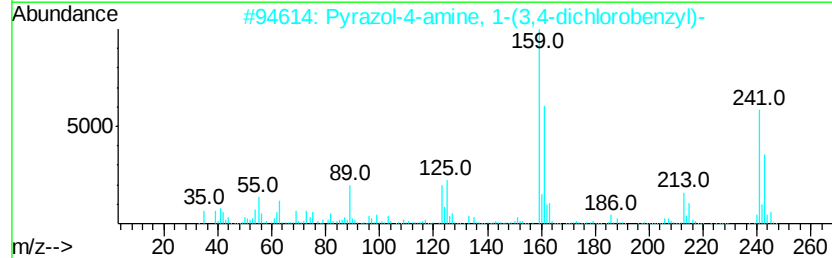
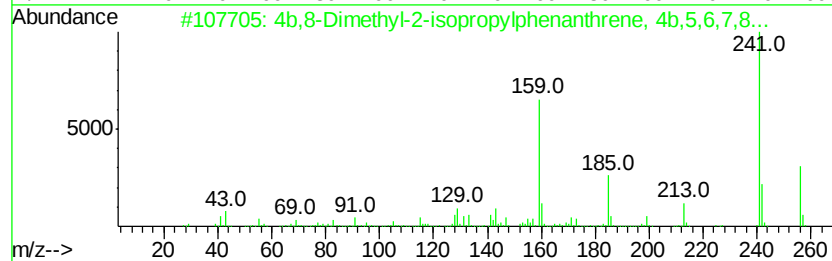
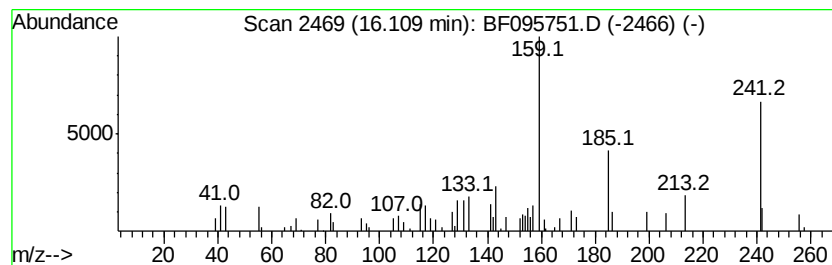
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TIC Integration Parameters: LSCINT.P

Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.11	2.03 ng	48372	Phenanthrene-d10	14.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	47
3	Ethanone, 1-(1,2,3,5,6,7-hexahvd...	256	C18H24O	056298-80-7	32
4	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	25
5	Sebacic acid, butyl 2-heptyl ester	356	C21H40O4	1000355-55-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095751.D
Acq On : 7 Jun 2017 17:55
Operator : SJ/MA
Sample : I3479-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

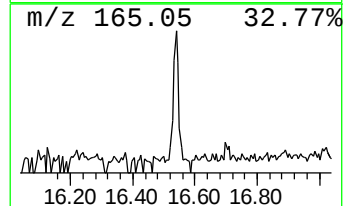
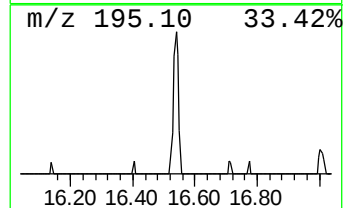
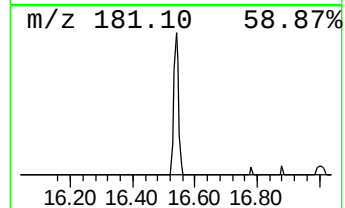
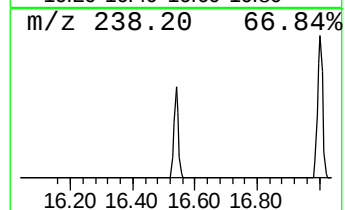
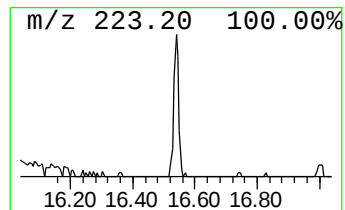
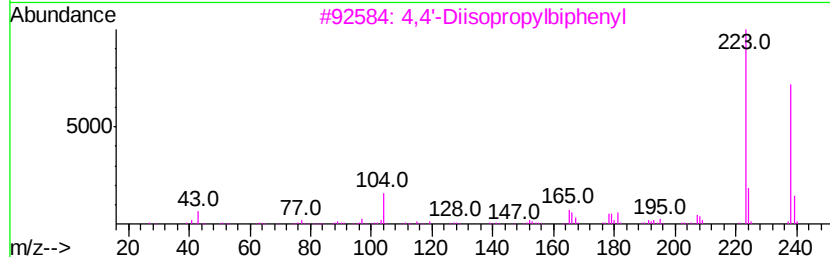
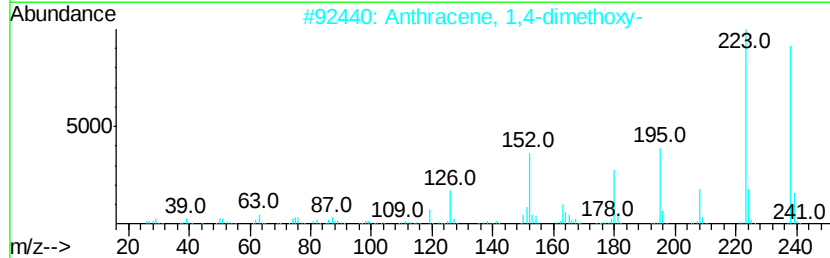
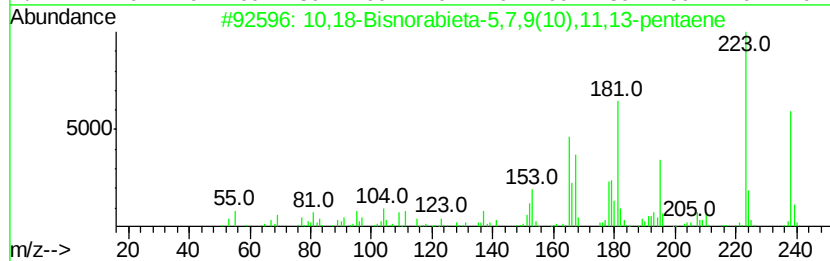
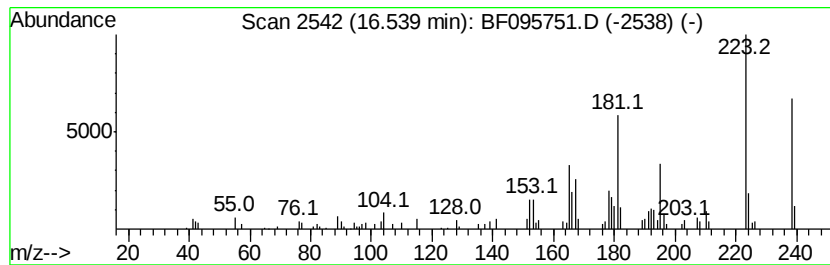
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.55 ng	82520	Chrysene-d12	18.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	49
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	46
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	45
5		3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Operator : SJ/MA
Sample : I3479-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

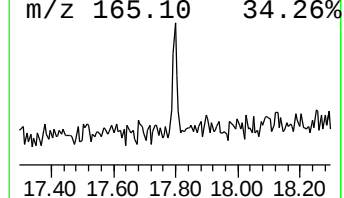
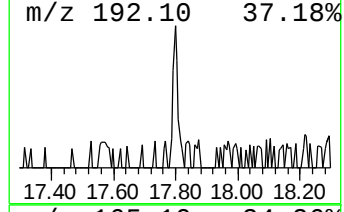
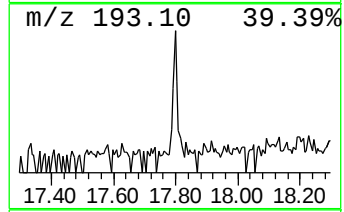
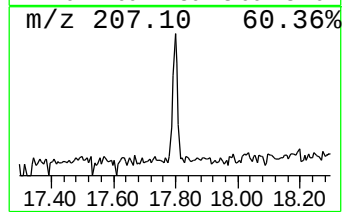
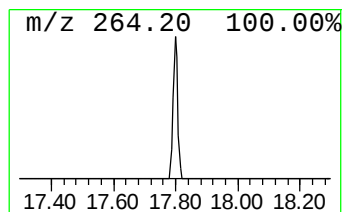
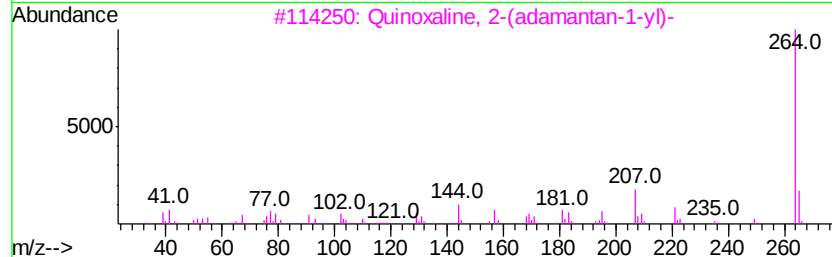
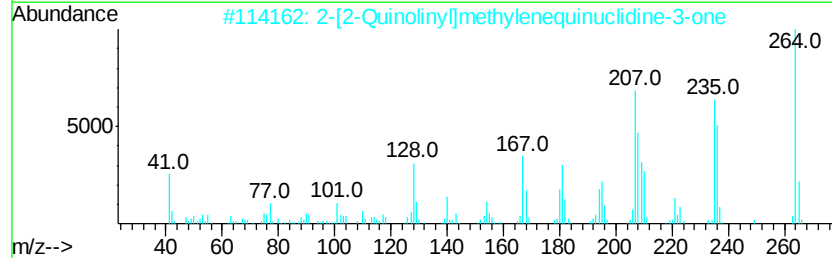
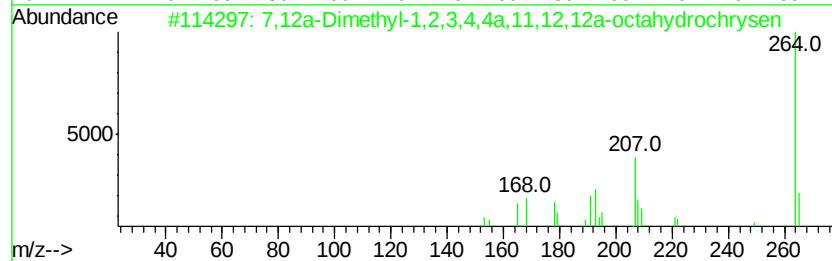
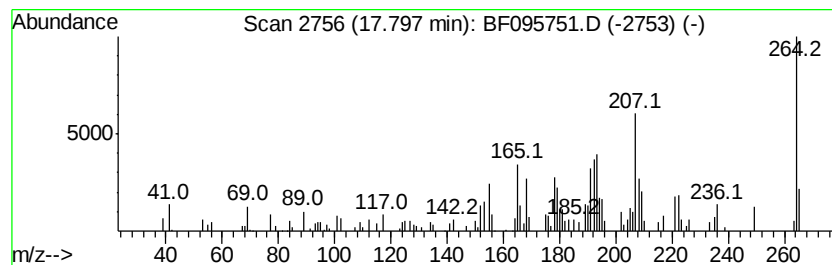
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 7,12a-Dimethyl-1,2,3,4,4a,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.63 ng	60976	Chrysene-d12	18.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,12a-Dimethyl-1,2,3,4,4a,11,12,...	264	C20H24	075758-27-9	99
2		2-[2-Quinoliny]lmethylenequinucl...	264	C17H16N2O	1000257-08-0	38
3		Quinoxaline, 2-(adamantan-1-yl)-	264	C18H20N2	1000302-51-7	35
4		5,12-Dioxa-chrysene-6,11-dione	264	C16H8O4	002288-98-4	35
5		2,3,9,10-Tetrahydro-1,8-dioxa-7,...	264	C16H12N2O2	1000243-33-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060717\
Data File : BF095751.D
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Operator : SJ/MA
Sample : I3479-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

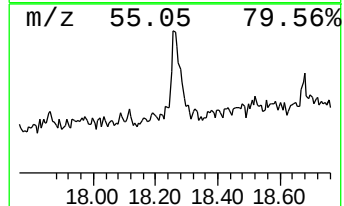
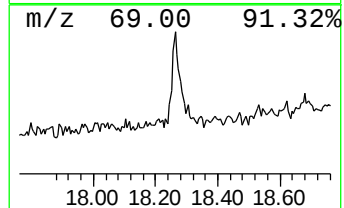
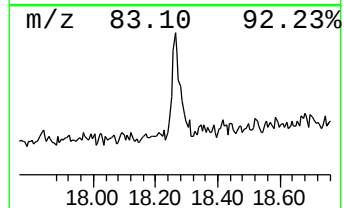
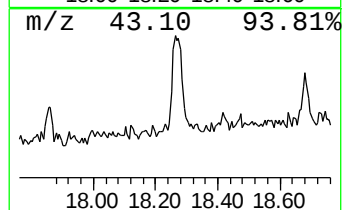
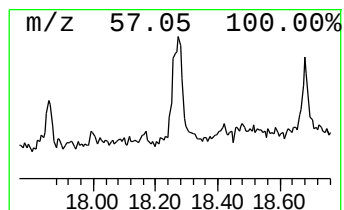
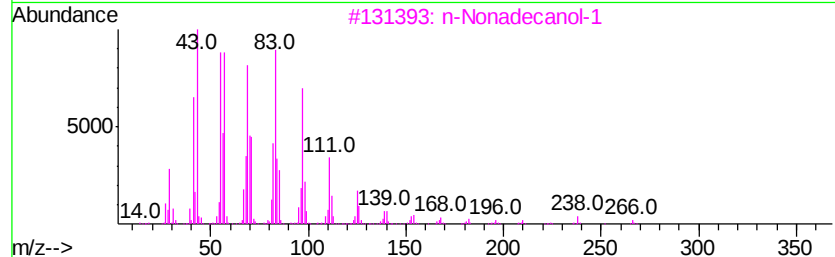
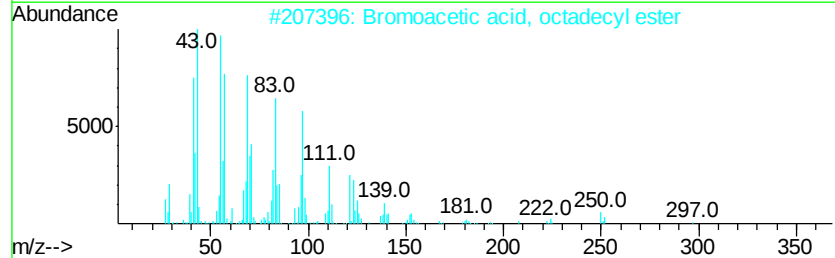
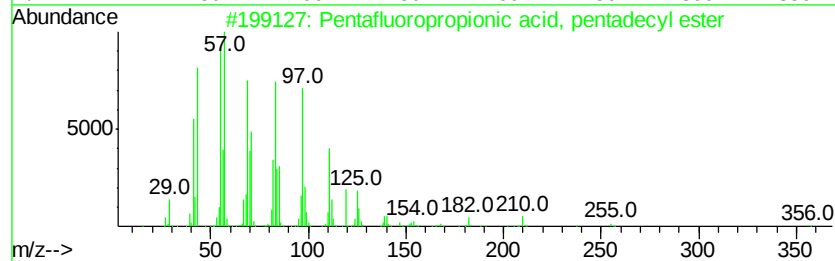
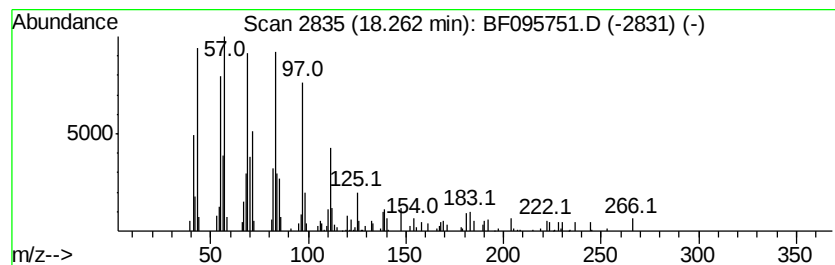
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	6.66 ng	154700	Chrysene-d12	18.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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Sample : I3479-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-9(0-2)20170603

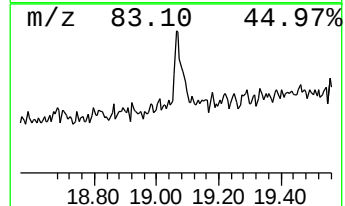
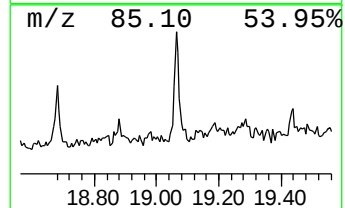
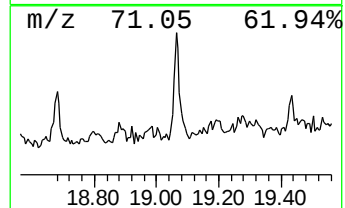
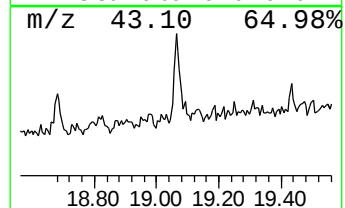
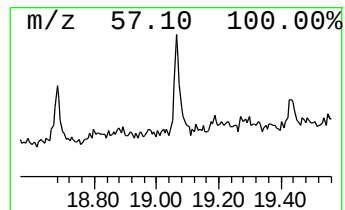
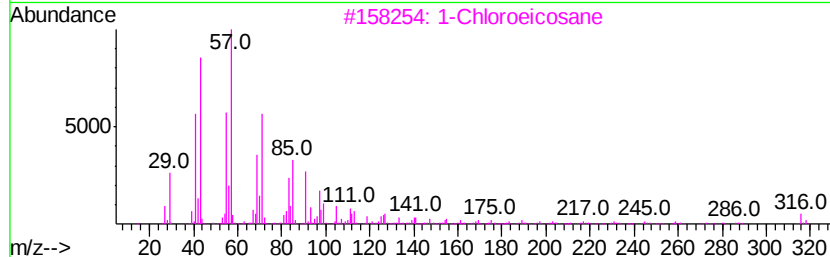
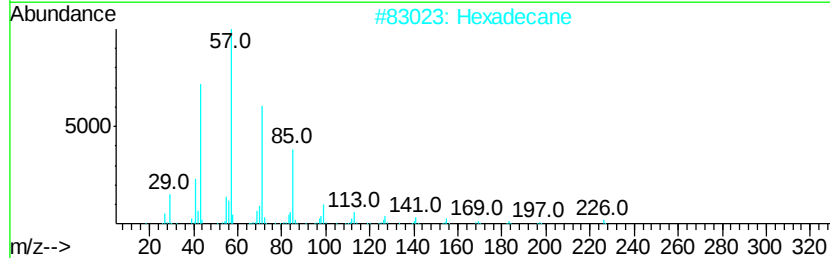
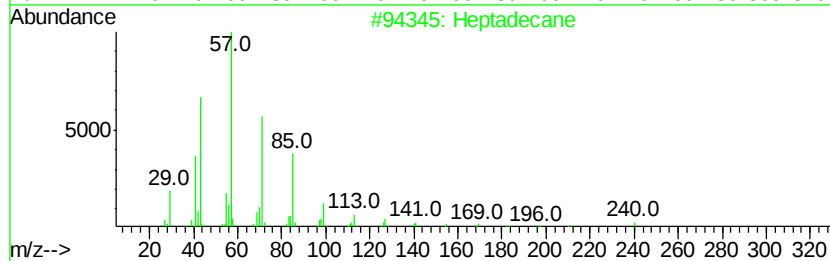
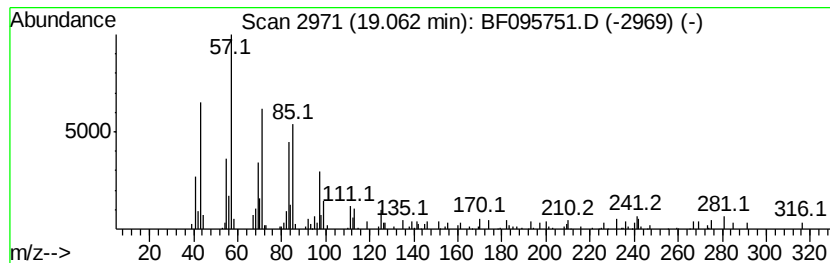
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	4.01 ng	93085	Chrysene-d12	18.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	64
2	Hexadecane		226	C16H34	000544-76-3	62
3	1-Chloroeicosane		316	C20H41Cl	042217-02-7	62
4	Sulfurous acid, 2-propyl tetradec...		320	C17H36O3S	1000309-12-5	58
5	Sulfurous acid, pentadecyl 2-pro...		334	C18H38O3S	1000309-12-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060717\
Data File : BF095751.D
Acq On : 7 Jun 2017 17:55
Operator : SJ/MA
Sample : I3479-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)20170603

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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...	4.58	7.6 ng		162150	1	7.38	425300	20.0
unknown7.04	7.04	78.3 ng		1664420	1	7.38	425300	20.0
Tetradecane	13.87	2.3 ng		54470	4	14.63	476391	20.0
Tridecanoic acid	15.65	4.1 ng		98161	4	14.63	476391	20.0
4b,8-Dimethyl-2-i...	16.11	2.0 ng		48372	4	14.63	476391	20.0
10,18-Bisnorabiet...	16.54	3.5 ng		82520	5	18.34	464377	20.0
7,12a-Dimethyl-1,...	17.80	2.6 ng		60976	5	18.34	464377	20.0
Pentafluoropropio...	18.26	6.7 ng		154700	5	18.34	464377	20.0
Heptadecane	19.06	4.0 ng		93085	5	18.34	464377	20.0