

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078935.D
 Acq On : 5 May 2015 11:33
 Operator : TP/IZ
 Sample : G2078-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

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-BF043015.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	1.518	26	29	32	rVB	3830885	4118195	64.51%	3.416%
2	1.655	38	41	44	rVB	177585	308122	4.83%	0.256%
3	1.770	50	51	55	rBV	245882	336414	5.27%	0.279%
4	1.838	55	57	61	rVV	223976	295024	4.62%	0.245%
5	1.907	61	63	87	rVB	1244324	2920014	45.74%	2.422%
6	5.164	346	348	356	rVB	156852	191123	2.99%	0.159%
7	5.656	388	391	393	rBV	1531854	1703734	26.69%	1.413%
8	6.925	498	502	505	rBV2	2549471	4079539	63.90%	3.384%
9	7.085	512	516	519	rBV2	2678547	4814592	75.42%	3.994%
10	7.279	531	533	536	rBV	2643268	3118970	48.86%	2.587%
11	7.382	538	542	544	rVB2	1648086	1989383	31.16%	1.650%
12	7.542	554	556	559	rBV	1552856	1397922	21.90%	1.160%
13	7.862	581	584	587	rBV	539588	633873	9.93%	0.526%
14	7.976	592	594	597	rBV	755511	966003	15.13%	0.801%
15	8.045	597	600	602	rBV	1265093	1091953	17.10%	0.906%
16	8.376	626	629	631	rBV	4313101	4389197	68.75%	3.641%
17	8.468	634	637	639	rBV	1403809	1271110	19.91%	1.054%
18	8.868	669	672	674	rBV	4128520	3880371	60.78%	3.219%
19	8.936	674	678	679	rVV	600341	771271	12.08%	0.640%
20	8.959	679	680	683	rVB	3846633	3736968	58.54%	3.100%
21	9.622	736	738	741	rBV	2134580	2729385	42.75%	2.264%
22	9.816	753	755	757	rBV	2286380	2178994	34.13%	1.808%
23	10.171	783	786	787	rBV	1240721	1586144	24.85%	1.316%
24	10.205	787	789	791	rVV	2747820	2415345	37.83%	2.004%
25	10.273	793	795	798	rVB	1824704	2155126	33.76%	1.788%
26	10.936	850	853	855	rVB	2546467	2404541	37.66%	1.995%
27	11.108	866	868	870	rBV	643928	649700	10.18%	0.539%
28	11.154	870	872	874	rVB	5671748	5440800	85.22%	4.513%
29	11.668	914	917	919	rBV	2801518	3090995	48.42%	2.564%
30	11.794	925	928	931	rBV2	4335950	5983596	93.73%	4.964%
31	12.091	951	954	956	rBV	1291554	1377024	21.57%	1.142%
32	12.411	979	982	984	rBV	2515732	2966285	46.46%	2.461%
33	12.708	1006	1008	1011	rBV	1219551	1401119	21.95%	1.162%
34	12.959	1027	1030	1031	rBV	499973	726905	11.39%	0.603%

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35	12.982	1031	1032	1036	rVV	1307940	1213843	19.01%	1.007%
36	13.051	1036	1038	1041	rVB	4479639	4618787	72.35%	3.832%
37	13.702	1092	1095	1097	rBV	2229006	2001099	31.35%	1.660%
38	13.977	1117	1119	1122	rVB	86400	85523	1.34%	0.071%
39	14.468	1159	1162	1164	rBV	3572317	3623138	56.75%	3.006%
40	14.743	1183	1186	1189	rBV	2207899	2917548	45.70%	2.420%
41	14.948	1201	1204	1207	rBV	2424002	2443948	38.28%	2.027%
42	15.577	1256	1259	1261	rBV	3484473	4326371	67.77%	3.589%
43	16.125	1302	1307	1315	rBV2	184756	343684	5.38%	0.285%
44	16.251	1315	1318	1320	rBV2	2943647	4030641	63.14%	3.344%
45	16.297	1320	1322	1325	rVB	4163581	4704792	73.70%	3.903%
46	16.960	1377	1380	1385	rBV	54386	87644	1.37%	0.073%
47	17.120	1391	1394	1396	rBV	2561408	3293334	51.59%	2.732%
48	17.348	1410	1414	1421	rBV3	32451	121926	1.91%	0.101%
49	17.451	1421	1423	1426	rVB	74865	96749	1.52%	0.080%
50	17.623	1434	1438	1441	rBV	3814747	6384069	100.00%	5.296%
51	17.771	1448	1451	1457	rBV	110102	159120	2.49%	0.132%
52	17.977	1466	1469	1472	rBV	1177492	1807561	28.31%	1.499%
53	18.046	1472	1475	1478	rVB	607061	761828	11.93%	0.632%
54	18.640	1524	1527	1530	rBV	68628	119434	1.87%	0.099%
55	18.697	1530	1532	1536	rVV3	33189	77643	1.22%	0.064%
56	19.783	1623	1627	1633	rVB3	35945	123842	1.94%	0.103%
57	20.217	1661	1665	1670	rBV7	21651	84039	1.32%	0.070%

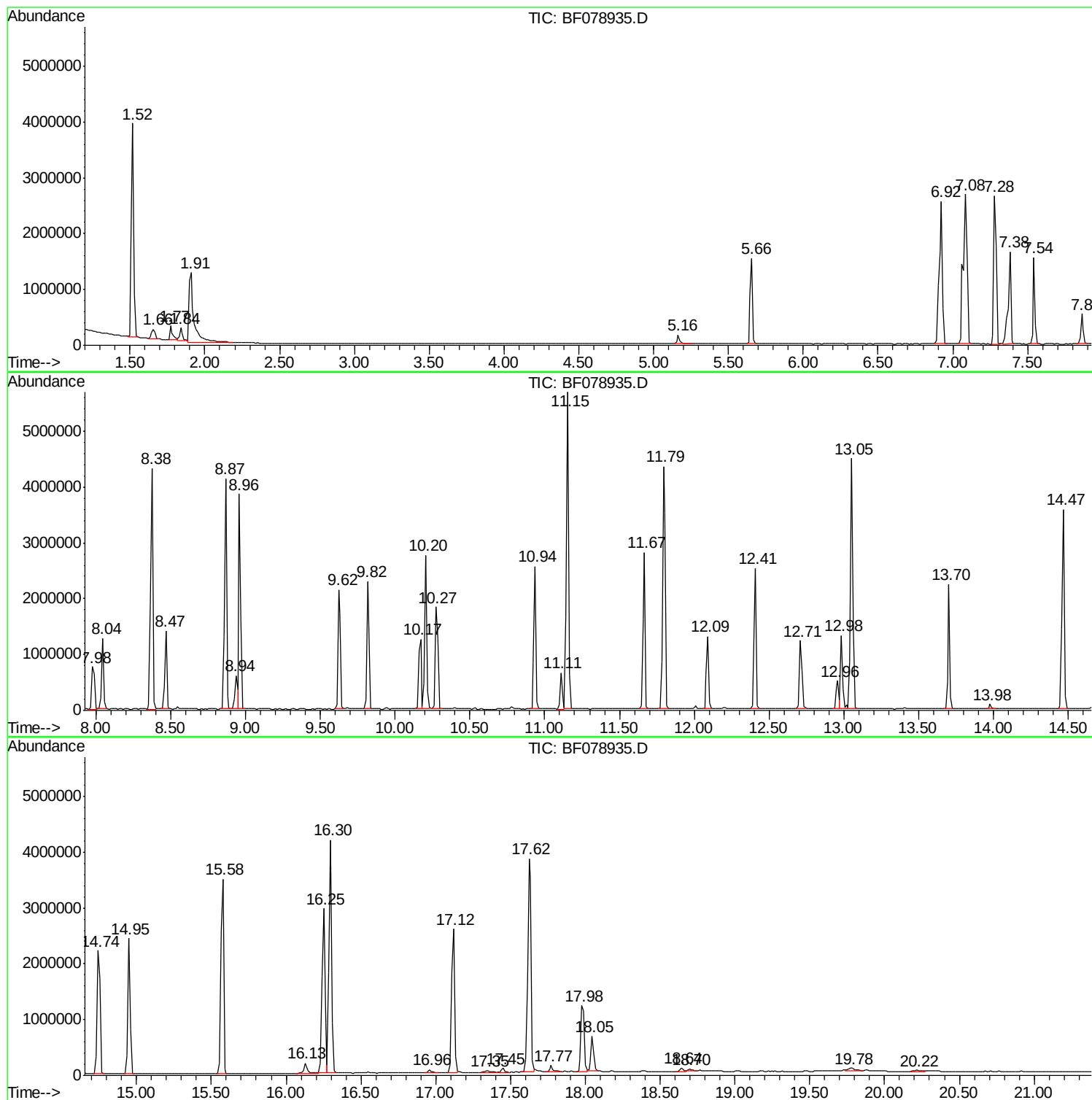
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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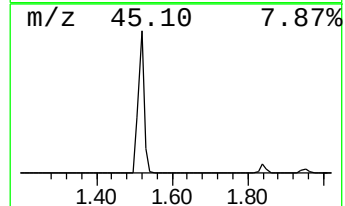
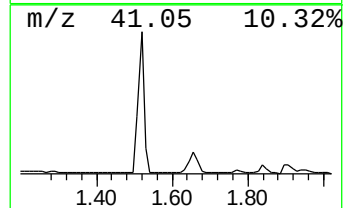
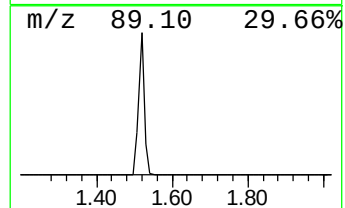
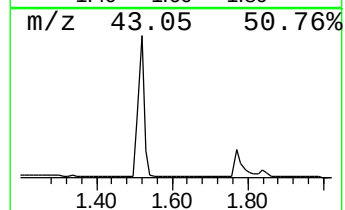
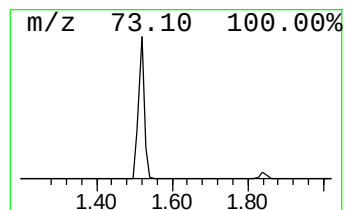
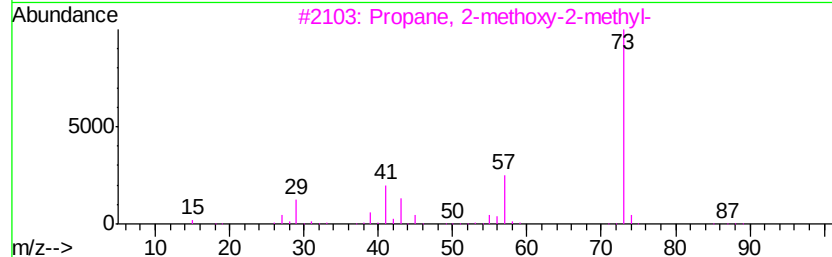
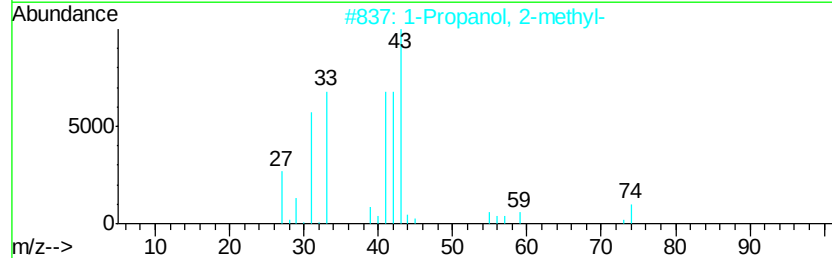
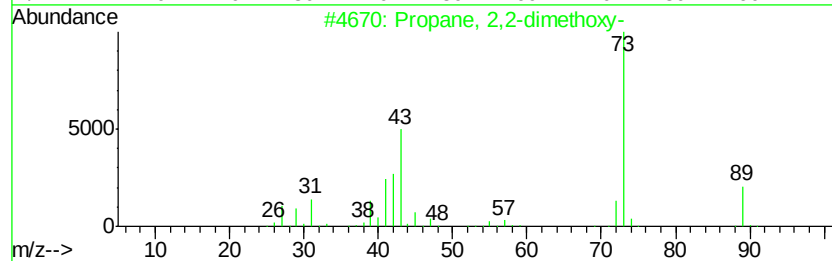
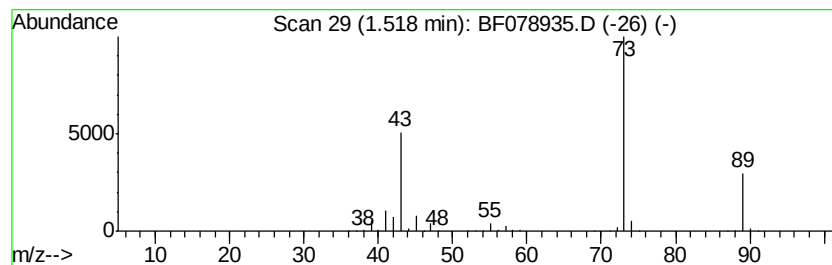
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	41.40 ng	4118200	1,4-Dichlorobenzene-d4	7.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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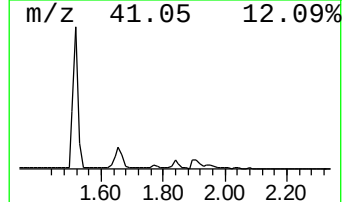
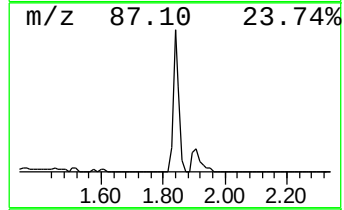
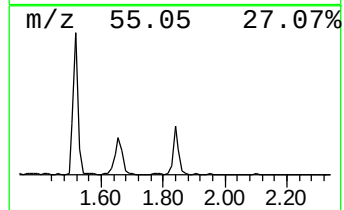
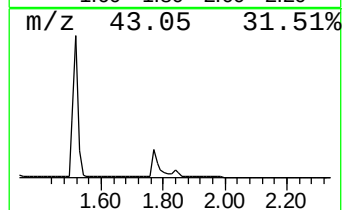
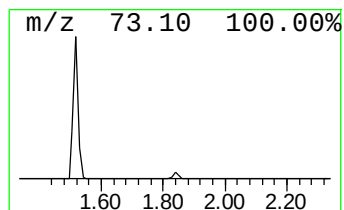
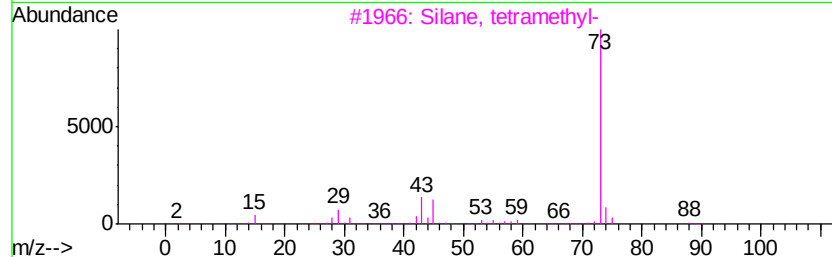
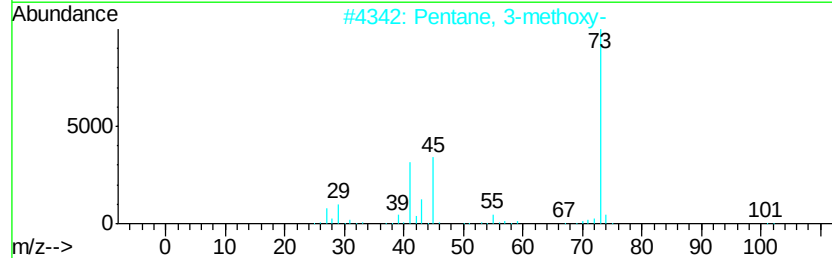
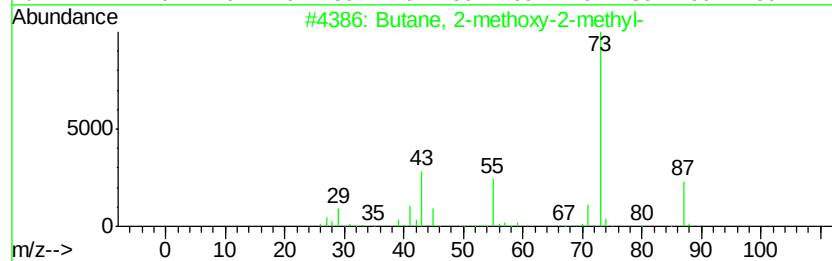
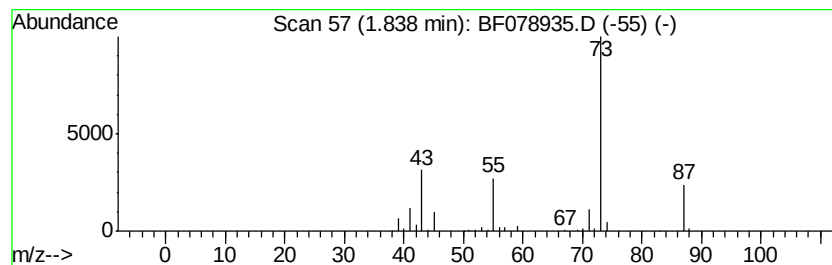
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	2.97 ng	295024	1,4-Dichlorobenzene-d4	7.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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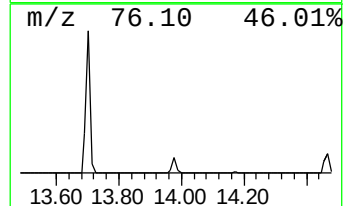
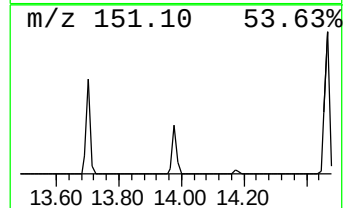
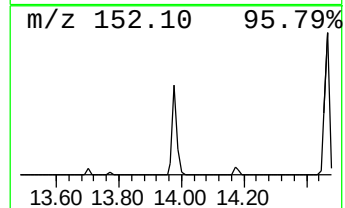
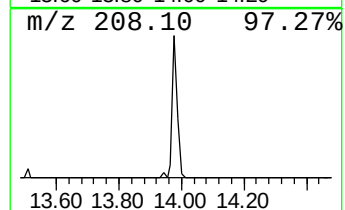
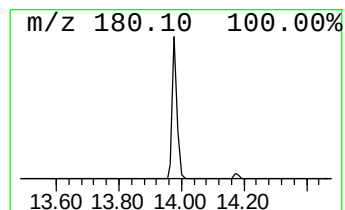
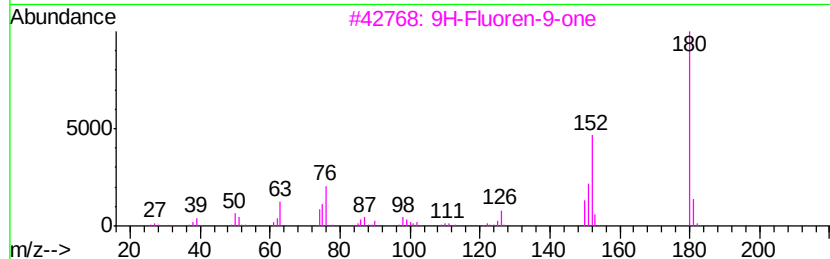
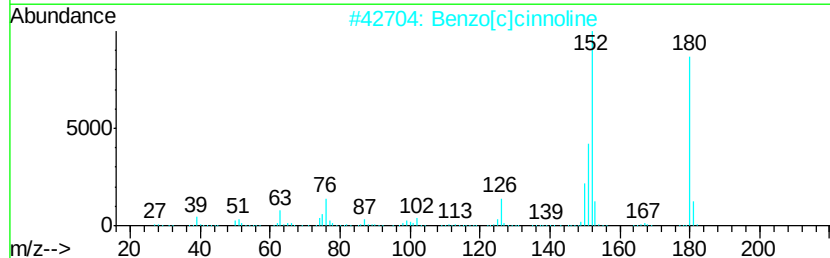
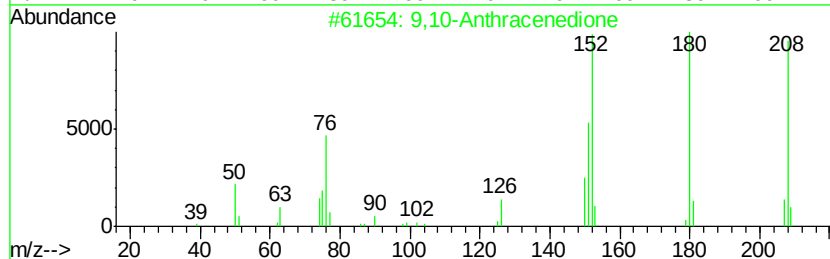
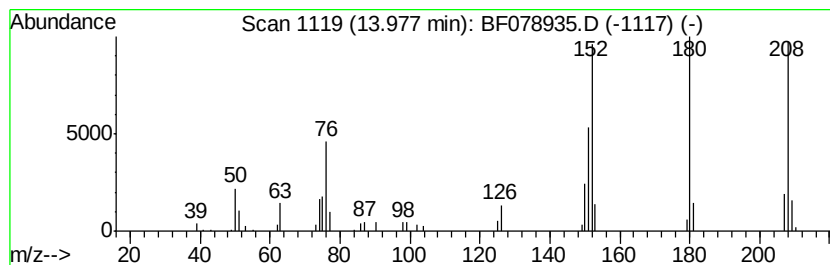
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.35 ng	85523	Phenanthrene-d10	12.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53



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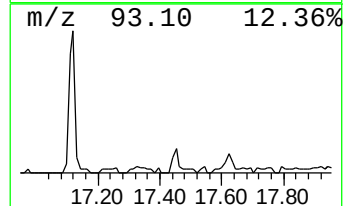
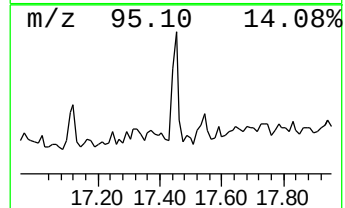
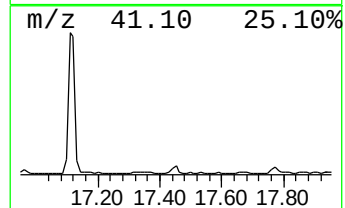
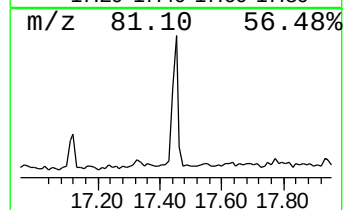
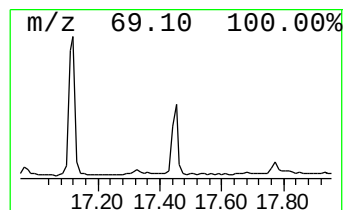
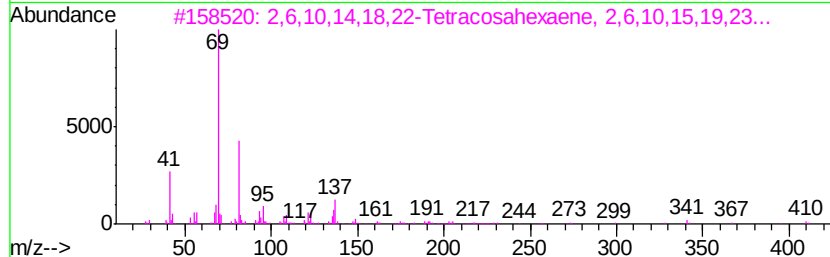
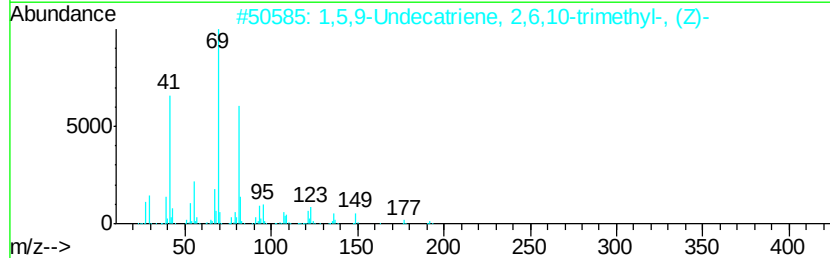
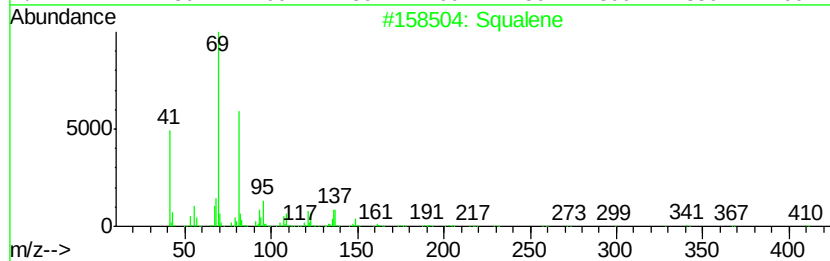
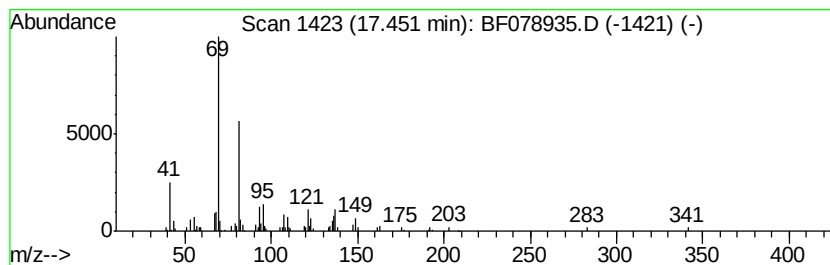
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Peak Number 9 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.54 ng	96749	Perylene-d12	18.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	87
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	72
4	2,6,10,14-Hexadecatetraenoic aci...	332 C22H36O2	024035-35-6	72
5	6,10,14-Hexadecatrien-1-ol, 3,7,...	292 C20H36O	036237-66-8	72



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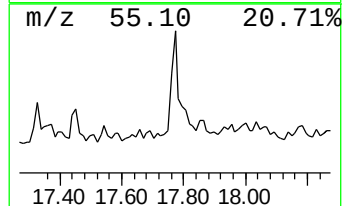
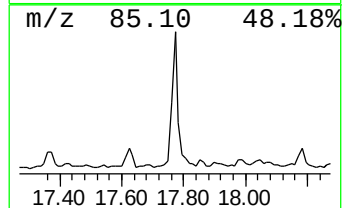
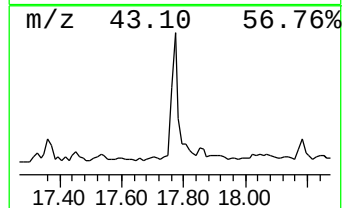
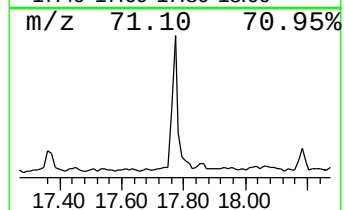
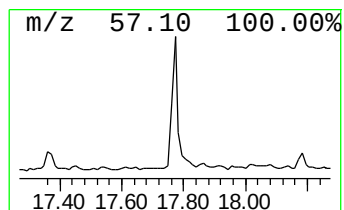
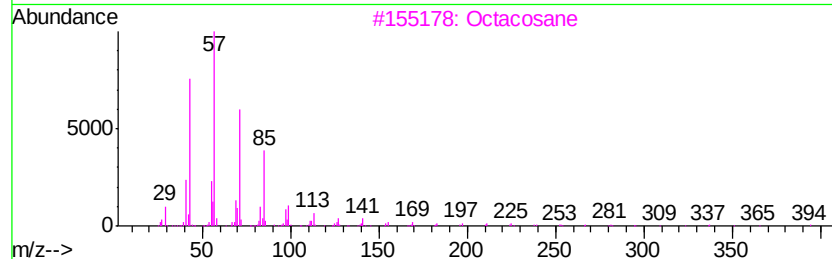
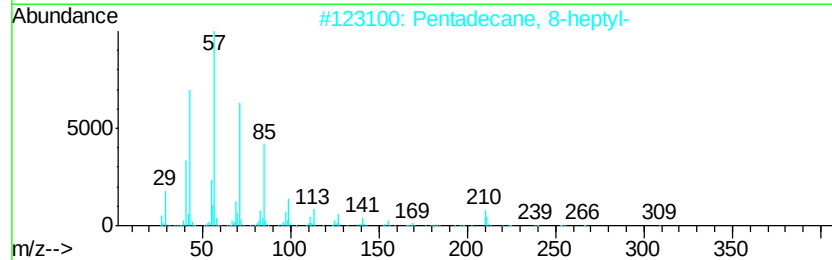
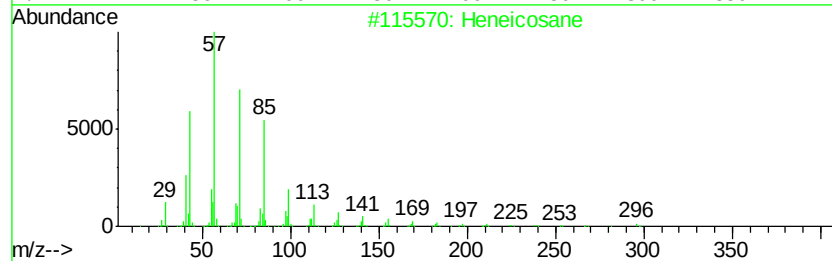
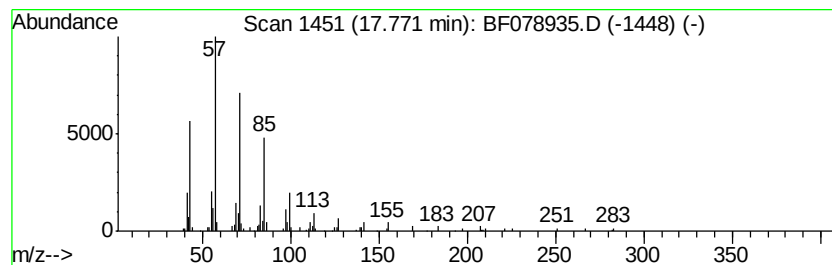
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.18 ng	159120	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
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Acq On : 5 May 2015 11:33
Operator : TP/IZ
Sample : G2078-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

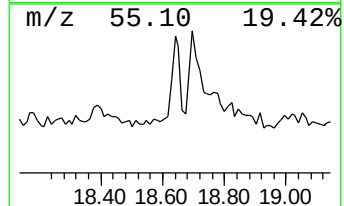
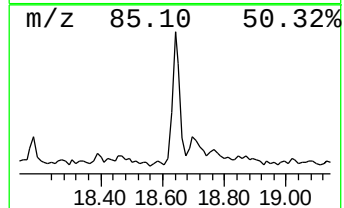
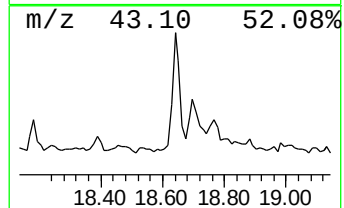
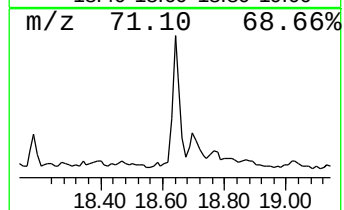
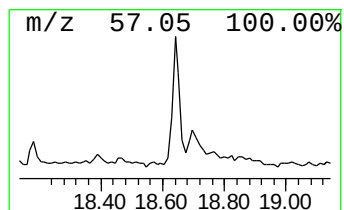
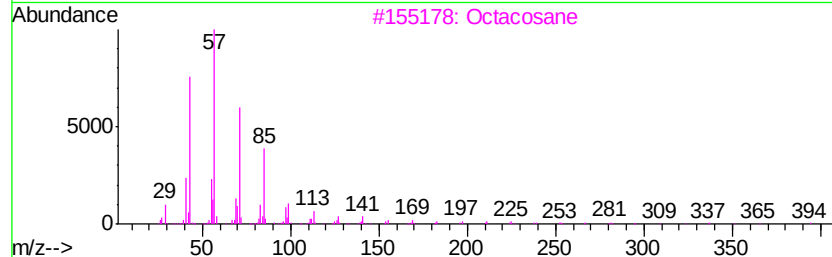
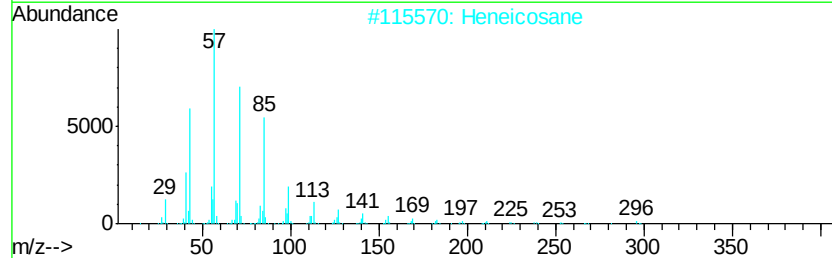
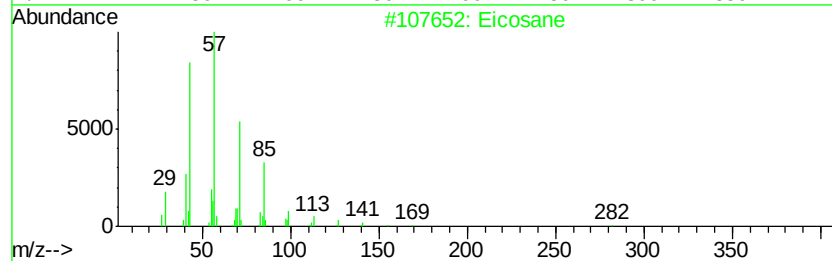
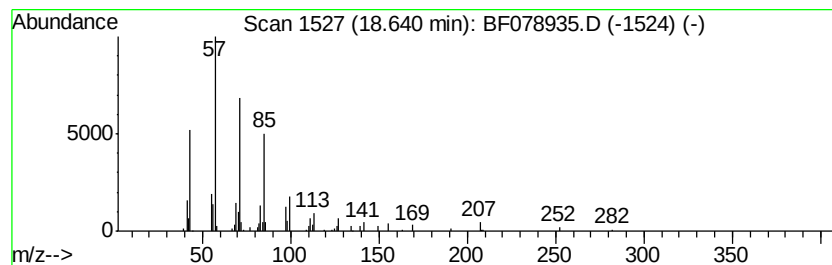
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.64	3.14 ng	119434	Perylene-d12		18.05
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
Data File : BF078935.D
Acq On : 5 May 2015 11:33
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Sample : G2078-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

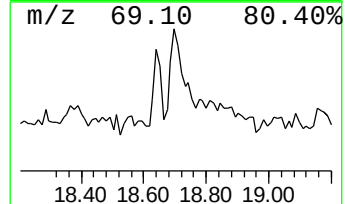
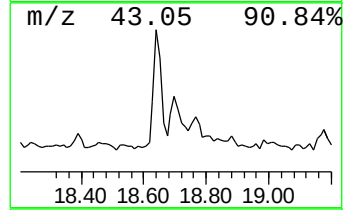
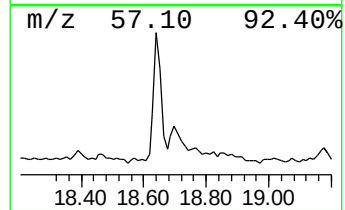
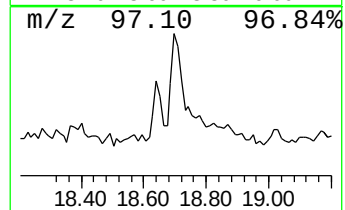
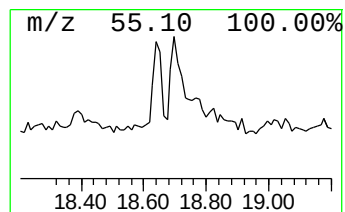
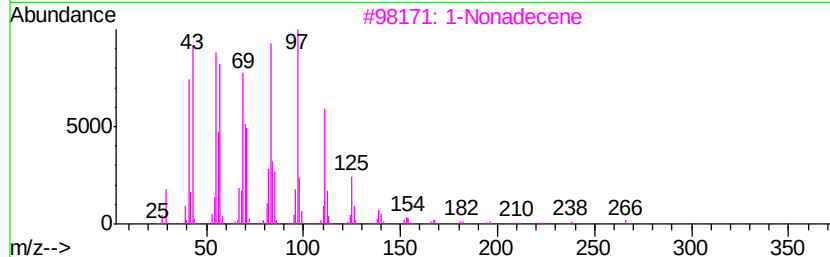
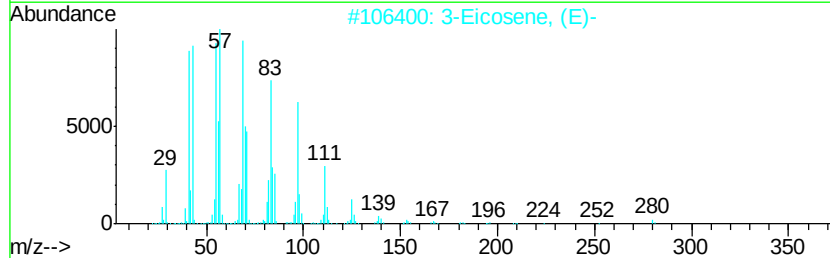
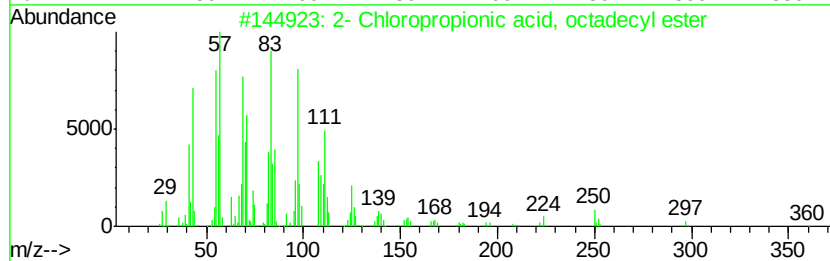
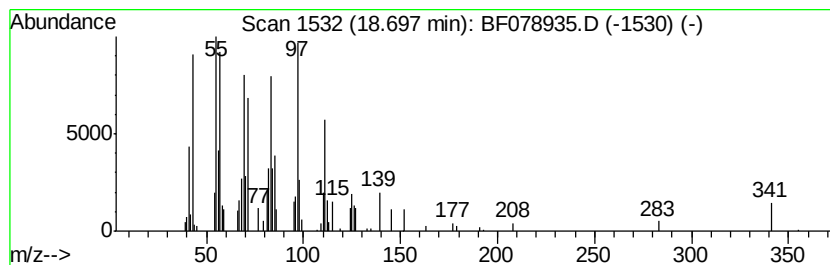
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2- Chloropropionic acid, oc... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.04 ng	77643	Perylene-d12	18.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	86
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	86
3			1-Nonadecene	266	C19H38	018435-45-5	72
4			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	68
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078935.D
Acq On : 5 May 2015 11:33
Operator : TP/IZ
Sample : G2078-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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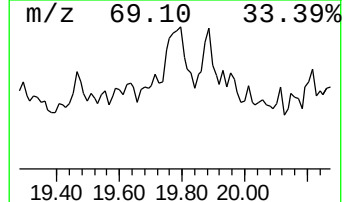
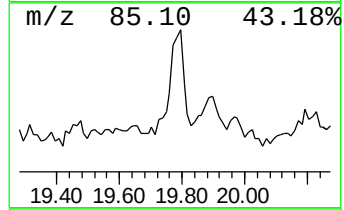
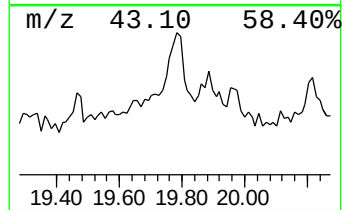
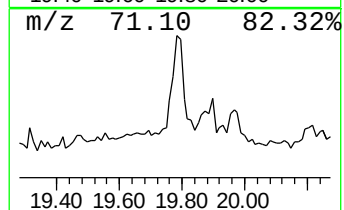
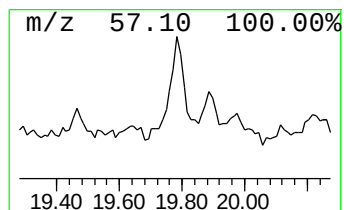
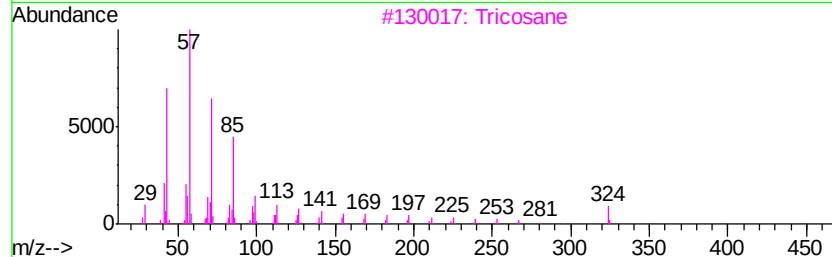
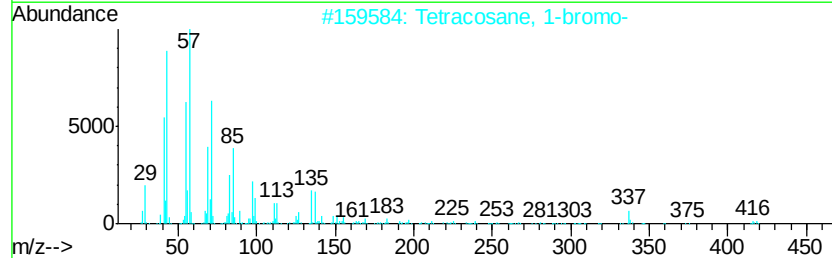
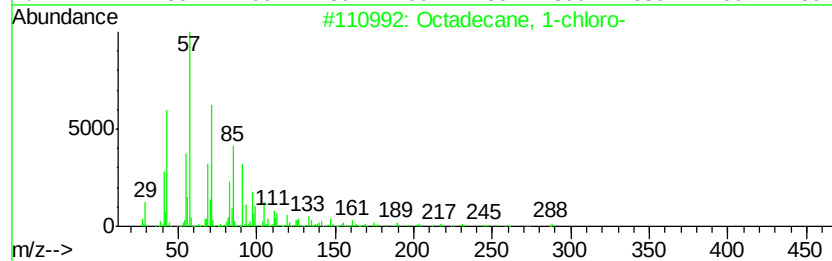
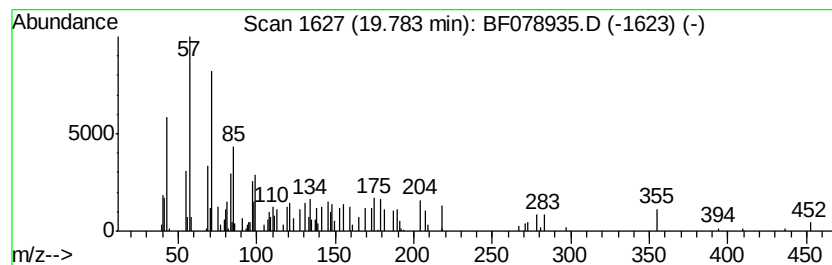
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	3.25 ng	123842	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
2		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	59
3		Tricosane	324	C23H48	000638-67-5	53
4		Triacontane	422	C30H62	000638-68-6	53
5		Nonacosane	408	C29H60	000630-03-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078935.D
Acq On : 5 May 2015 11:33
Operator : TP/IZ
Sample : G2078-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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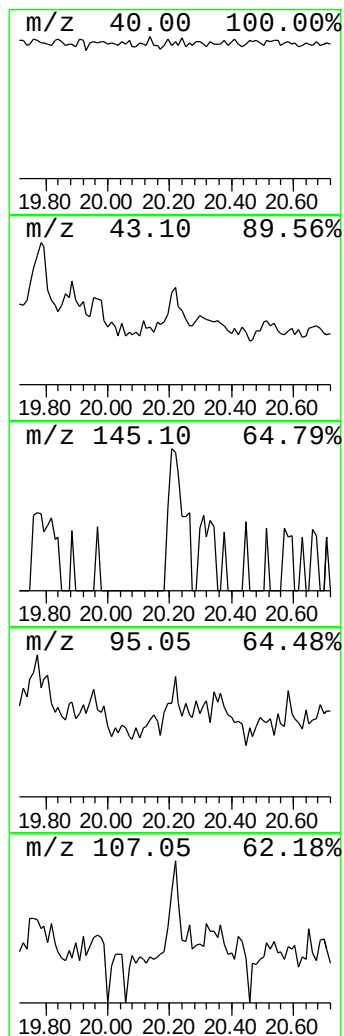
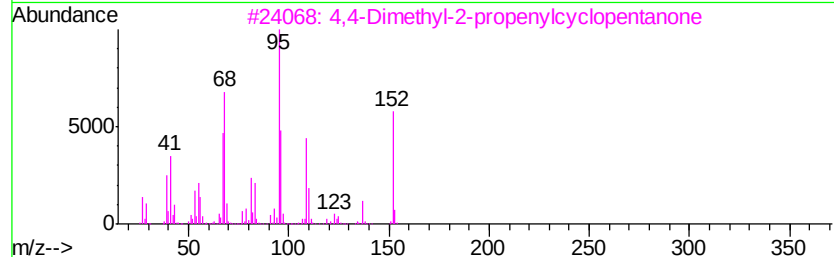
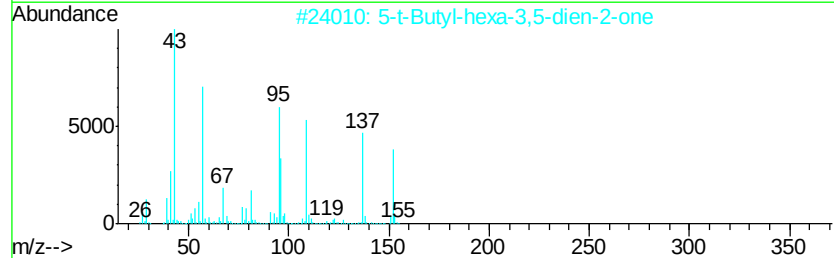
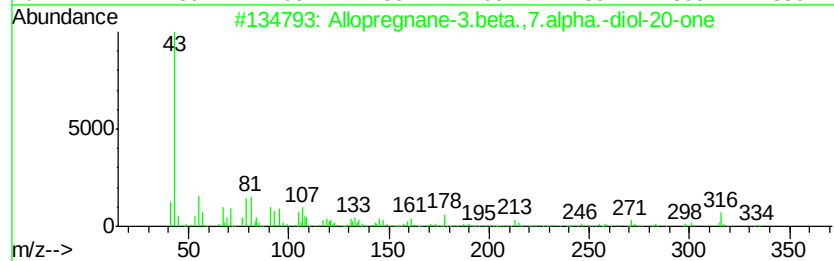
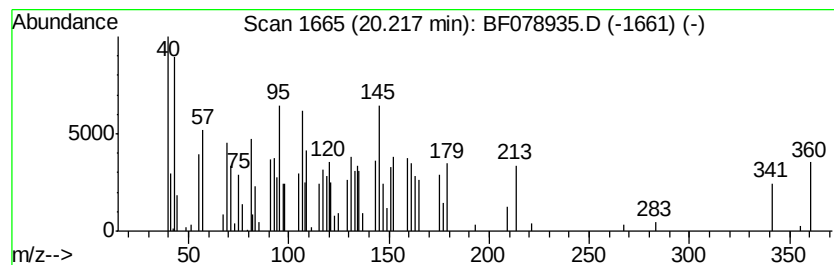
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown20.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.21 ng	84039	Perylene-d12	18.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Allopregnane-3.beta.,7.alpha.-di...	334	C21H34O3	000566-20-1	22
2		5-t-Butyl-hexa-3,5-dien-2-one	152	C10H16O	1000192-56-4	22
3		4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	22
4		2,4,6-Octatrien-1-ol, 3,7-dimeth...	152	C10H16O	089155-85-1	22
5		Camphor	152	C10H16O	000076-22-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
Data File : BF078935.D
Acq On : 5 May 2015 11:33
Operator : TP/IZ
Sample : G2078-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	1.52	41.4	ng	4118200	1	7.36	1989380	20.0
Butane, 2-methoxy...	1.84	3.0	ng	295024	1	7.36	1989380	20.0
9,10-Anthracenedione	13.98	2.4	ng	85523	4	12.96	726905	20.0
Squalene	17.45	2.5	ng	96749	6	18.05	761828	20.0
Heneicosane	17.77	4.2	ng	159120	6	18.05	761828	20.0
Eicosane	18.64	3.1	ng	119434	6	18.05	761828	20.0
2-Chloropropioni...	18.70	2.0	ng	77643	6	18.05	761828	20.0
Octadecane, 1-chl...	19.78	3.3	ng	123842	6	18.05	761828	20.0
unknown20.22	20.22	2.2	ng	84039	6	18.05	761828	20.0