

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086270.D
 Acq On : 16 Apr 2016 17:13
 Operator : UM/SJ
 Sample : H2413-02 2X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-B-2(0-2)

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-BF041516.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.144	3	5	11	rVB	141506	258235	6.97%	0.615%
2	5.070	259	261	265	rBV	275808	306215	8.26%	0.729%
3	5.481	294	297	300	rBV	3559782	3380825	91.23%	8.050%
4	6.510	384	387	390	rBV	3156326	3148295	84.96%	7.496%
5	6.659	397	400	402	rBV	3630805	3705629	100.00%	8.823%
6	6.887	418	420	423	rBV	1453245	1769777	47.76%	4.214%
7	7.047	432	434	436	rBV	3241762	2715521	73.28%	6.466%
8	7.447	467	469	472	rBV	1659261	2210263	59.65%	5.263%
9	7.539	475	477	478	rBV	89995	86819	2.34%	0.207%
10	8.179	530	533	535	rBV	2841181	2371750	64.00%	5.647%
11	9.253	625	627	629	rBV	3729825	3166964	85.46%	7.541%
12	9.596	653	657	660	rBV5	16212	49434	1.33%	0.118%
13	9.642	660	661	664	rBV	387833	499373	13.48%	1.189%
14	9.870	680	681	682	rVB	72948	50006	1.35%	0.119%
15	9.928	684	686	688	rVV2	1792022	2054210	55.43%	4.891%
16	10.373	721	725	726	rBV3	83017	153566	4.14%	0.366%
17	10.476	733	734	737	rBV	40803	38922	1.05%	0.093%
18	10.670	750	751	753	rBV	24656	40071	1.08%	0.095%
19	10.716	753	755	757	rBV	1542964	1535430	41.44%	3.656%
20	10.842	764	766	770	rVB	164469	221441	5.98%	0.527%
21	11.219	797	799	801	rBV3	25263	38754	1.05%	0.092%
22	11.288	803	805	806	rVV	128510	113588	3.07%	0.270%
23	11.322	806	808	811	rVV2	43167	68638	1.85%	0.163%
24	11.413	814	816	817	rVV	1964329	1690749	45.63%	4.026%
25	11.436	817	818	820	rVV	356948	274701	7.41%	0.654%
26	11.482	820	822	824	rVB2	74641	100689	2.72%	0.240%
27	11.516	824	825	828	rBV2	20251	40101	1.08%	0.095%
28	11.642	833	836	839	rBV	61554	116389	3.14%	0.277%
29	11.711	840	842	846	rBV2	56619	90630	2.45%	0.216%
30	11.916	858	860	861	rBV	53067	51094	1.38%	0.122%
31	11.939	861	862	864	rVV	141793	120134	3.24%	0.286%
32	12.031	868	870	874	rVB2	82056	162862	4.39%	0.388%
33	12.122	876	878	880	rBV2	43912	61611	1.66%	0.147%
34	12.214	884	886	888	rBV2	38224	67841	1.83%	0.162%

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35	12.465	906	908	909	rVB	59172	71431	1.93%	0.170%
36	12.499	909	911	914	rBV2	43366	78042	2.11%	0.186%
37	12.556	914	916	917	rBV	37730	67511	1.82%	0.161%
38	12.625	920	922	924	rVV	615979	637810	17.21%	1.519%
39	12.671	924	926	929	rVV3	33012	70122	1.89%	0.167%
40	12.728	929	931	934	rVV4	42699	73770	1.99%	0.176%
41	12.854	938	942	943	rBV	540798	674364	18.20%	1.606%
42	13.002	952	955	957	rVB	1742307	2032599	54.85%	4.840%
43	13.071	957	961	962	rBV2	161632	172662	4.66%	0.411%
44	13.185	968	971	972	rVB2	189847	232280	6.27%	0.553%
45	13.242	974	976	978	rBV	100933	178170	4.81%	0.424%
46	13.276	978	979	982	rVV3	115238	161046	4.35%	0.383%
47	13.334	982	984	986	rVB3	100736	128344	3.46%	0.306%
48	13.448	992	994	996	rBV3	43975	93923	2.53%	0.224%
49	13.745	1018	1020	1022	rVB2	119948	139144	3.75%	0.331%
50	13.791	1022	1024	1026	rBV2	63696	129850	3.50%	0.309%
51	13.905	1031	1034	1036	rVB3	131485	217569	5.87%	0.518%
52	14.042	1043	1046	1052	rVB2	1405729	2210949	59.66%	5.264%
53	14.225	1060	1062	1064	rBV2	86517	102461	2.77%	0.244%
54	14.534	1087	1089	1090	rBV2	118168	152710	4.12%	0.364%
55	15.071	1134	1136	1141	rVB	282381	608063	16.41%	1.448%
56	15.368	1159	1162	1165	rBV	216110	383914	10.36%	0.914%
57	15.425	1165	1167	1169	rBV	200198	273031	7.37%	0.650%
58	15.482	1170	1172	1174	rBV	864652	1118885	30.19%	2.664%
59	16.180	1231	1233	1239	rVB2	181292	425394	11.48%	1.013%
60	16.602	1268	1270	1275	rVB	192336	418447	11.29%	0.996%
61	18.546	1437	1440	1448	rVB8	110637	384513	10.38%	0.916%

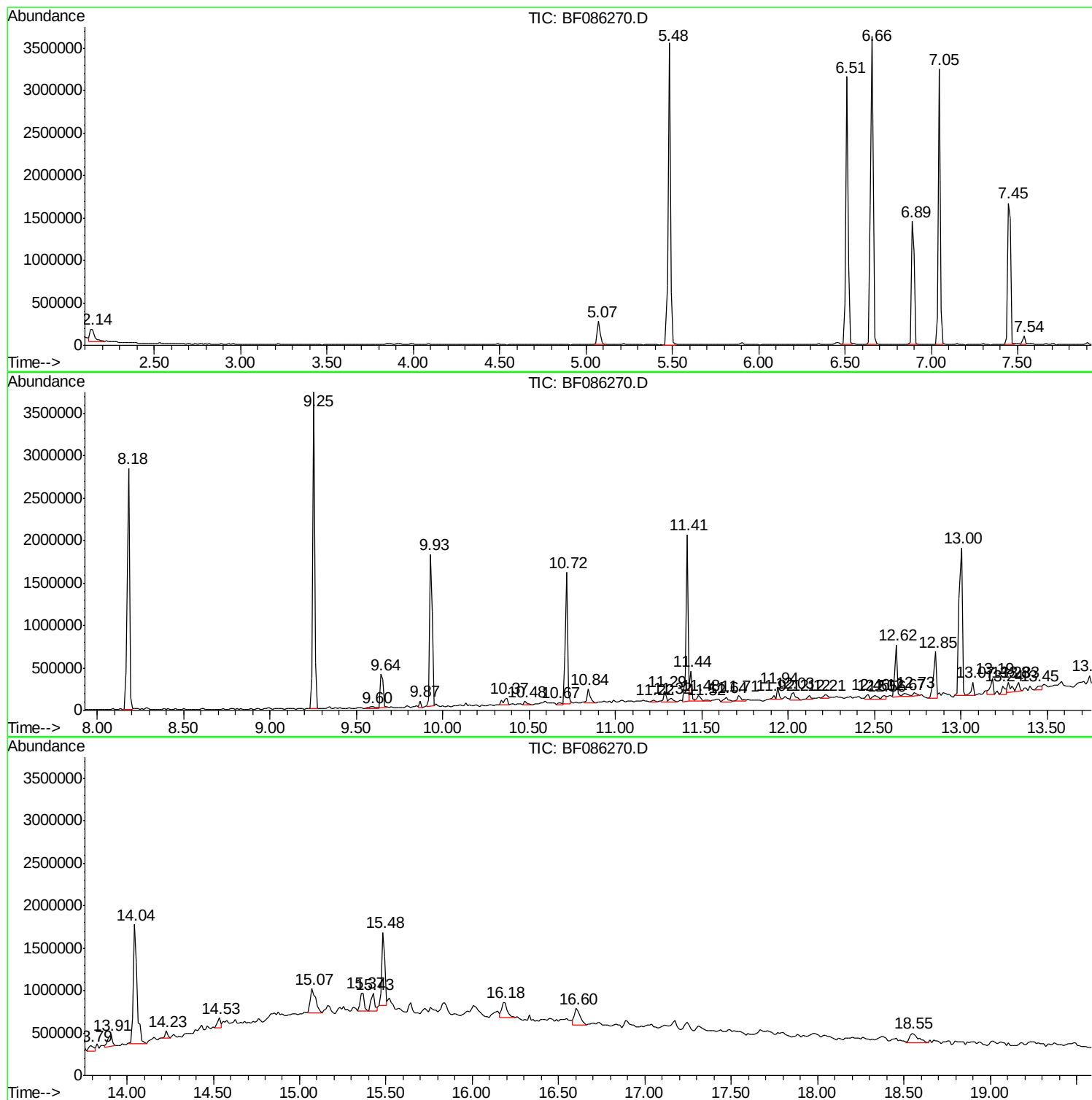
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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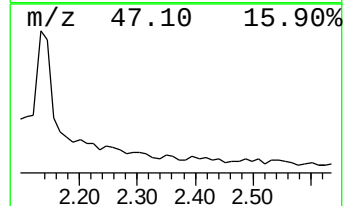
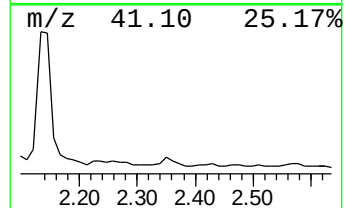
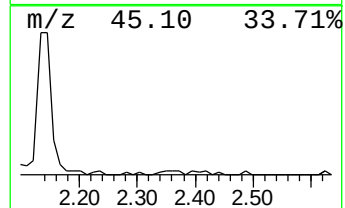
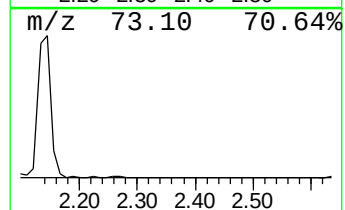
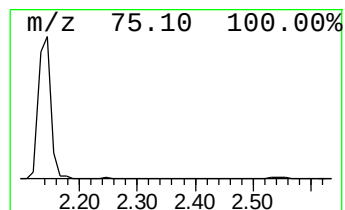
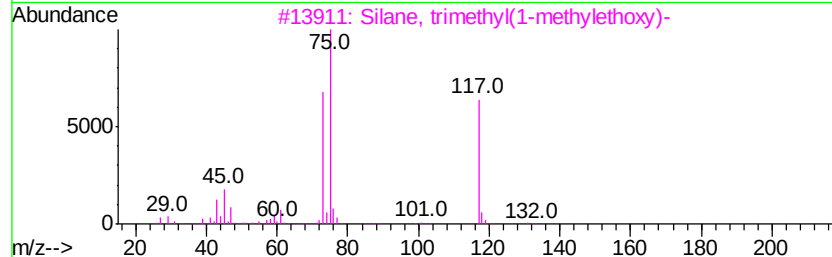
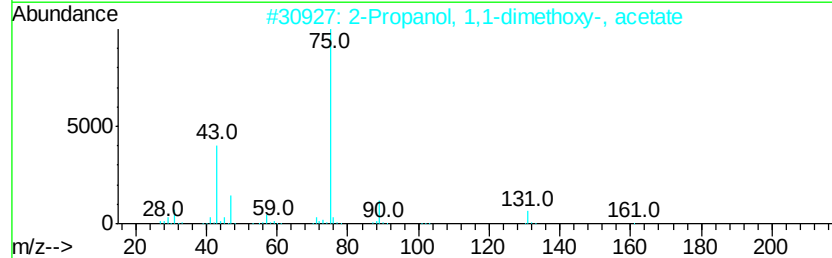
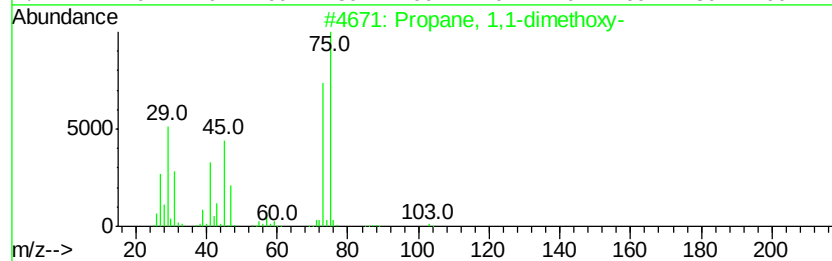
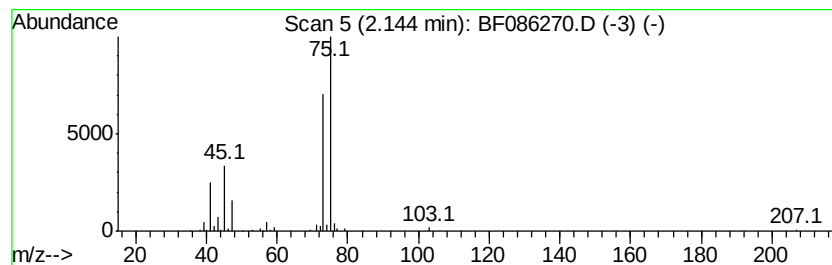
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
2.14	2.92 ng	258235	1,4-Dichlorobenzene-d4	6.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78	
2	2-Propanol, 1,1-dimethoxy-, acetate	162	C7H14O4	074495-37-7	50	
3	Silane, trimethyl(1-methylethoxy)-	132	C6H16OSi	001825-64-5	40	
4	Propane, 3-chloro-1,1-dimethoxy-	138	C5H11ClO2	035502-06-8	39	
5	3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	38	



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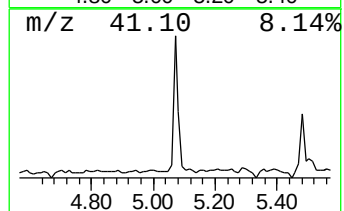
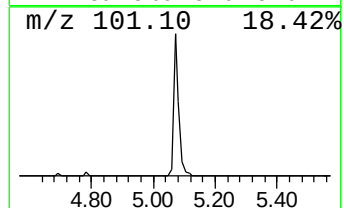
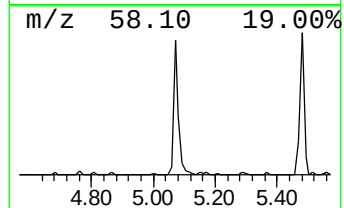
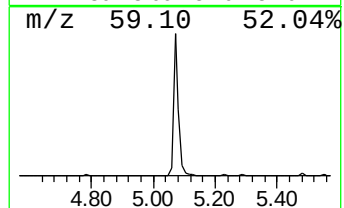
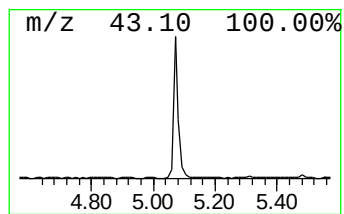
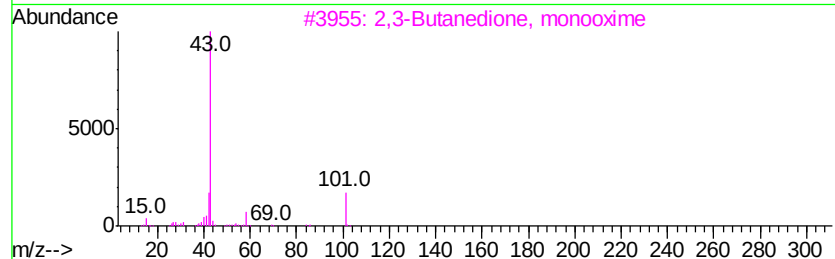
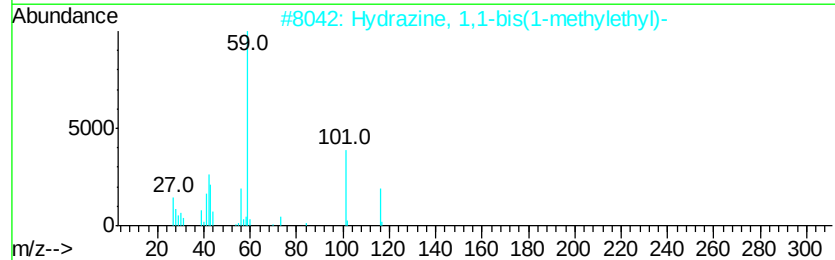
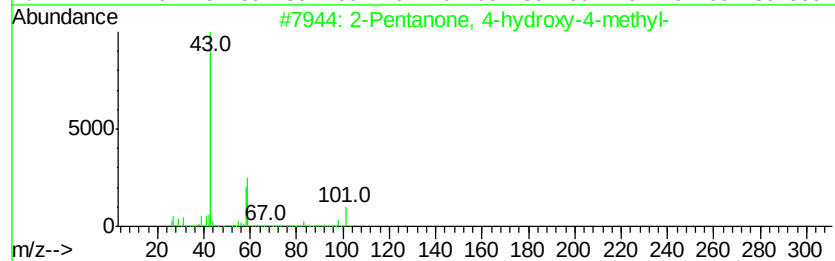
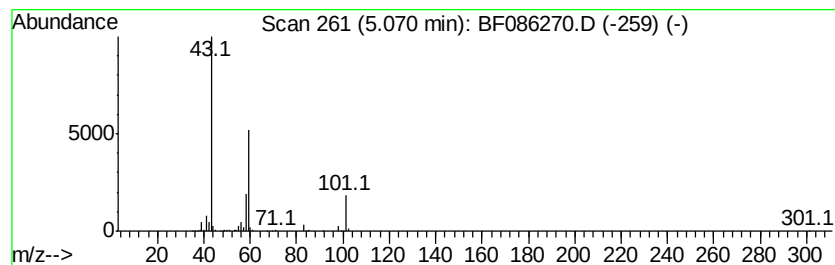
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.46 ng	306215	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Acetone	58	C3H6O	000067-64-1	9



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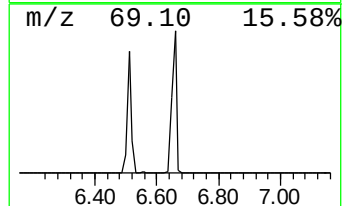
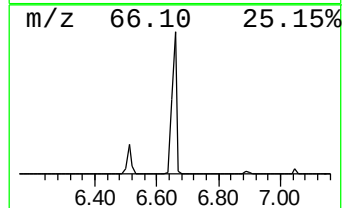
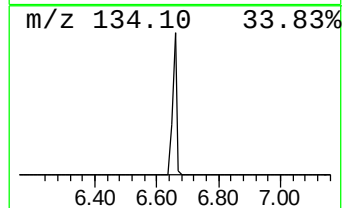
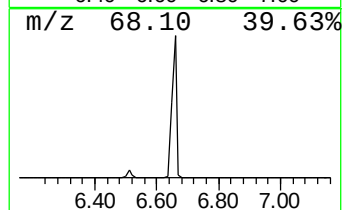
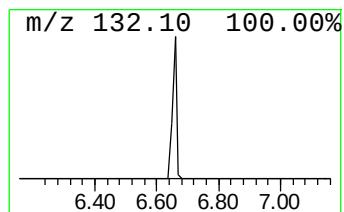
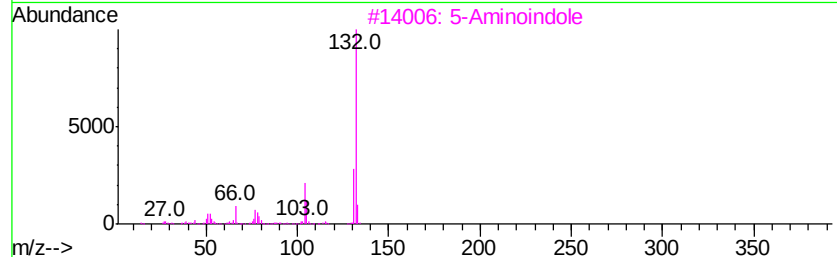
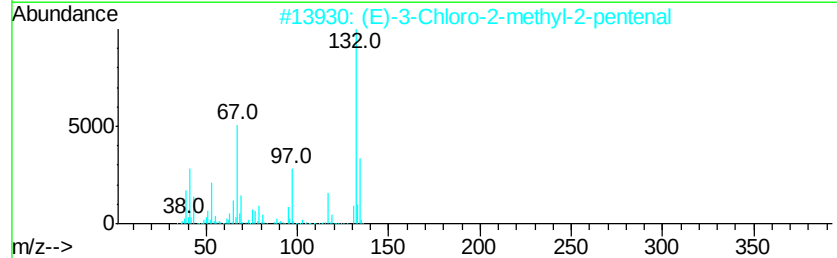
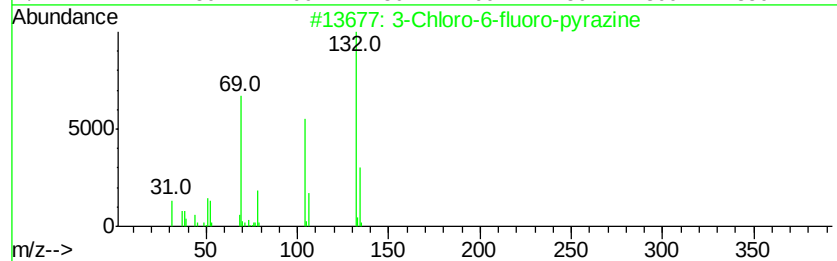
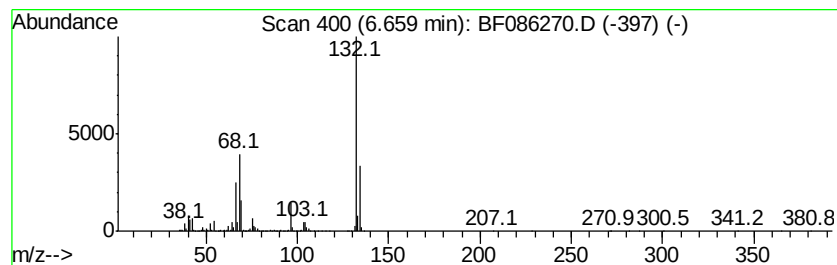
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	41.88 ng	3705630	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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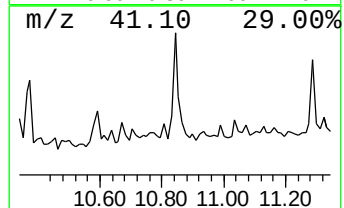
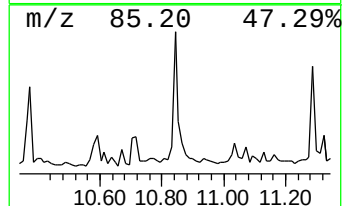
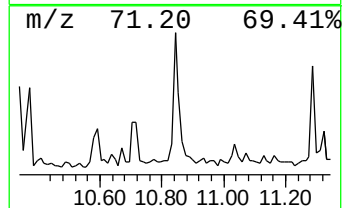
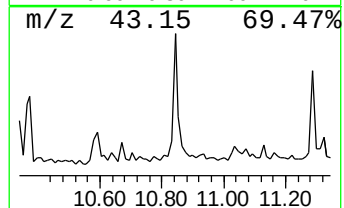
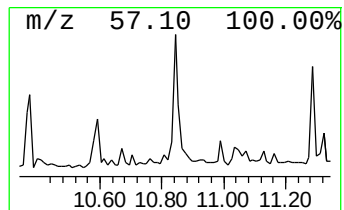
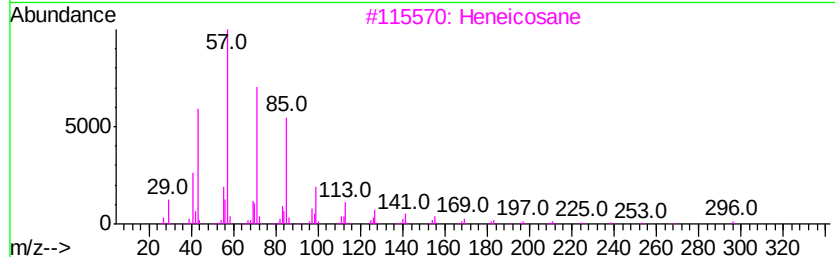
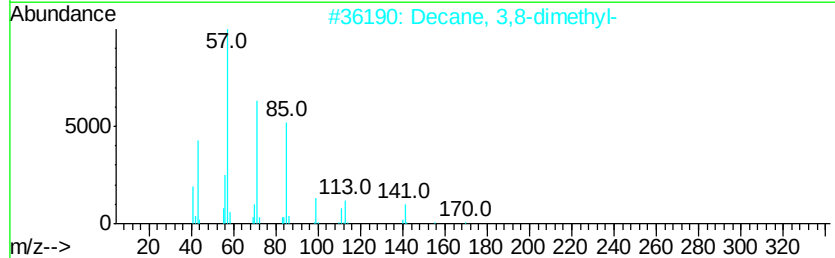
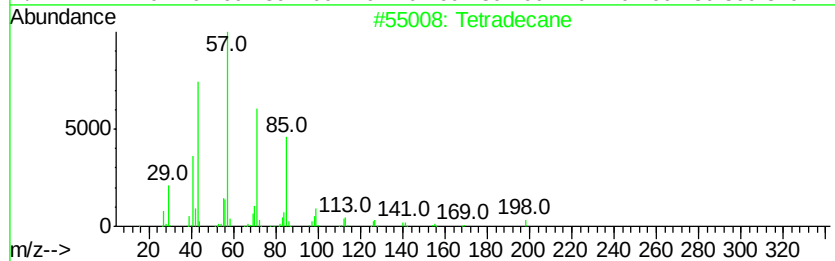
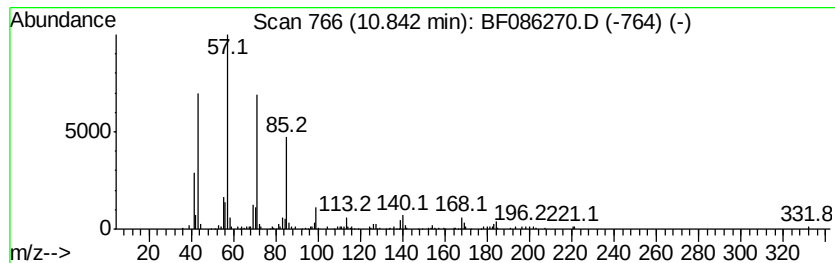
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.62 ng	221441	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Eicosane	282	C20H42	000112-95-8	72



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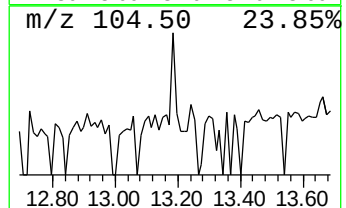
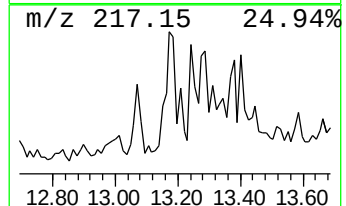
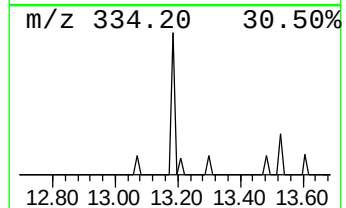
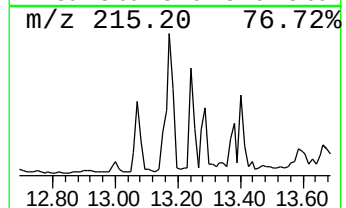
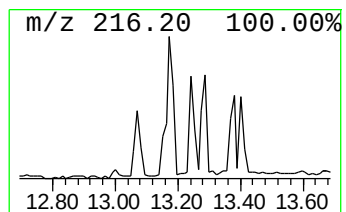
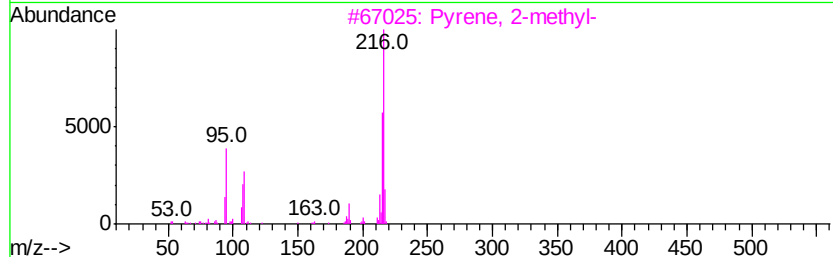
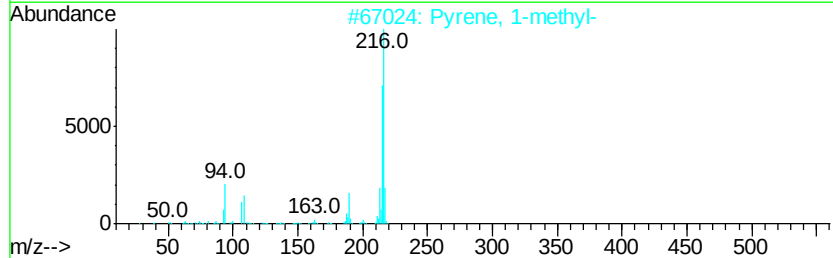
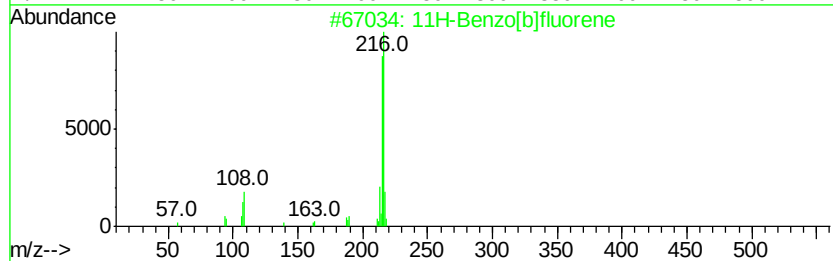
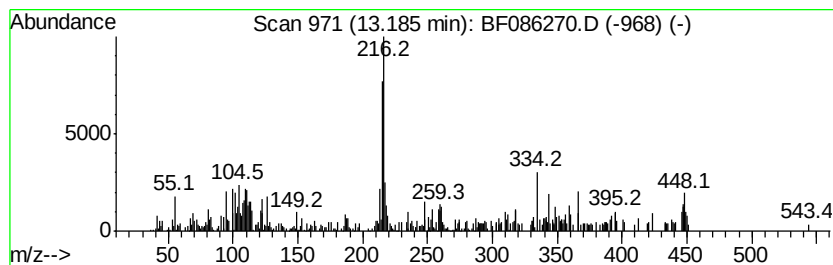
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.10 ng	232280	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	49
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086270.D
Acq On : 16 Apr 2016 17:13
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

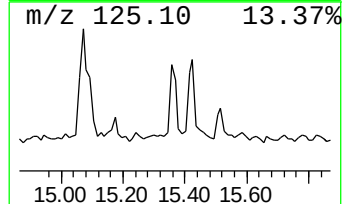
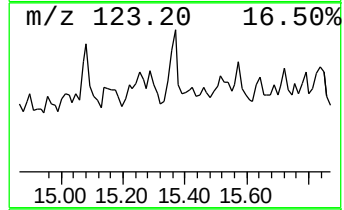
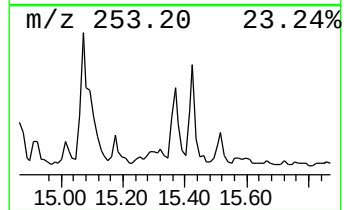
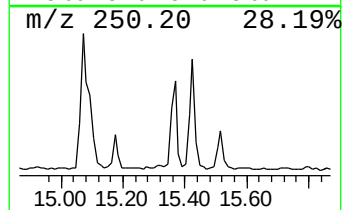
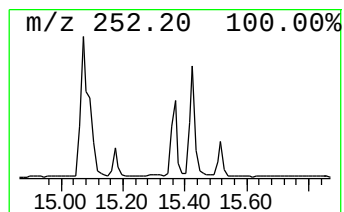
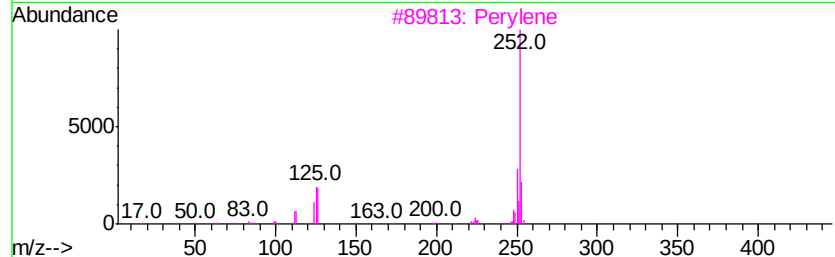
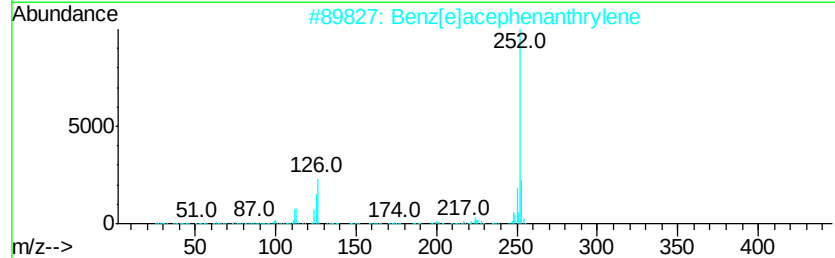
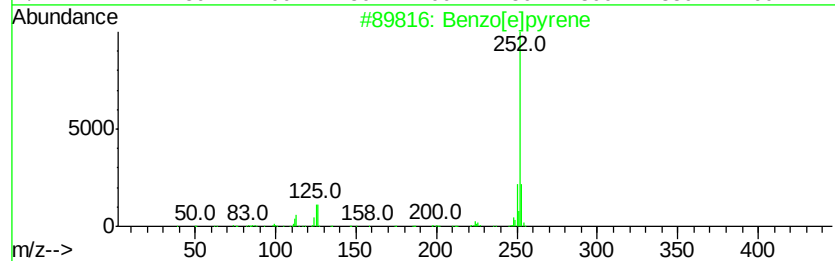
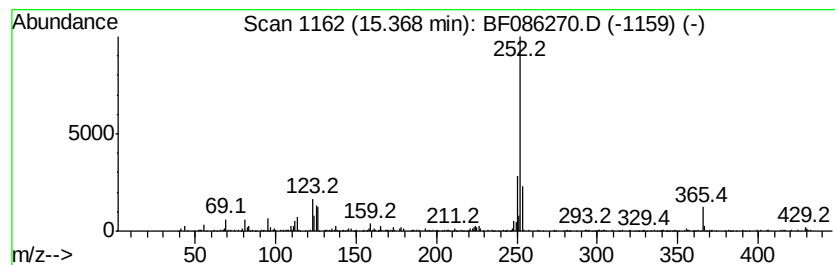
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	6.86 ng	383914	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Perylene	252	C20H12	000198-55-0	91
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5		Benzo[a]pyrene	252	C20H12	000050-32-8	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086270.D
Acq On : 16 Apr 2016 17:13
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-2-B-2(0-2)

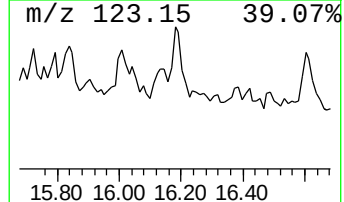
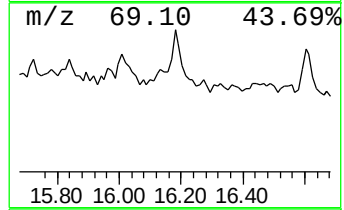
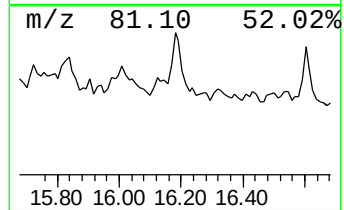
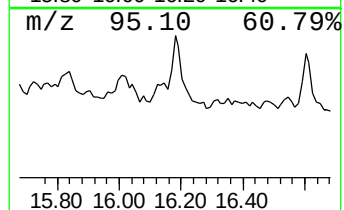
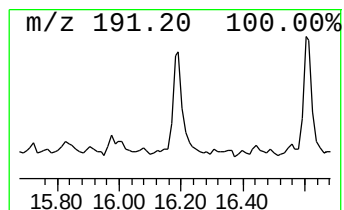
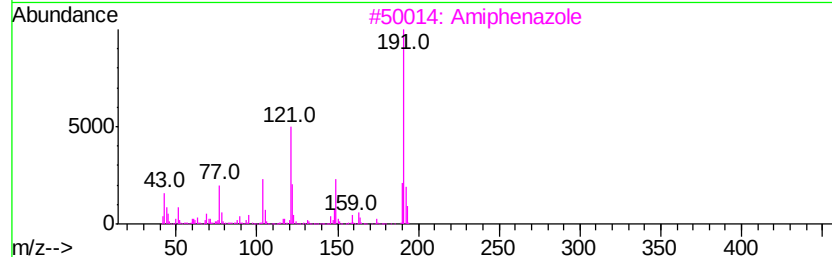
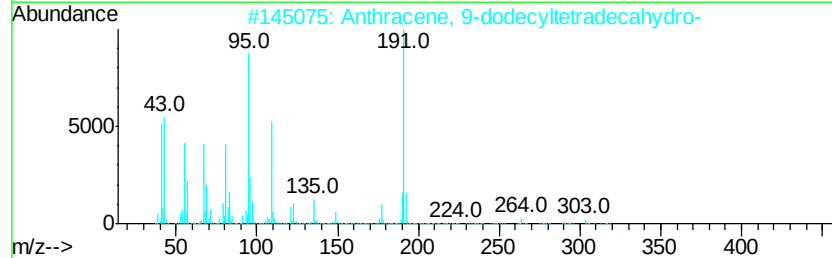
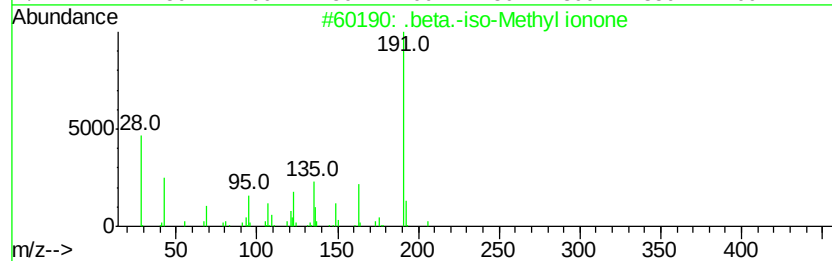
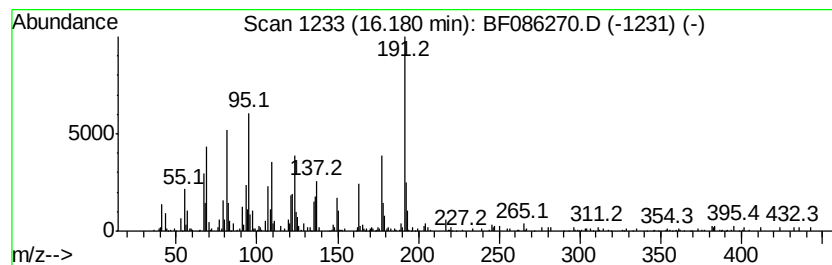
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	7.60 ng	425394	Perylene-d12	15.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	53
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32
3		Amiphenazole	191	C9H9N3S	000490-55-1	27
4		5-(7a-Isopropenyl-4,5-dimethyl-o...	288	C20H32O	1000193-54-1	25
5		5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086270.D
Acq On : 16 Apr 2016 17:13
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

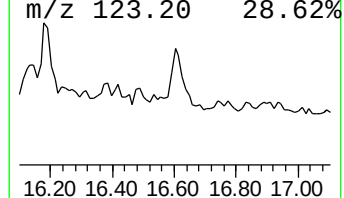
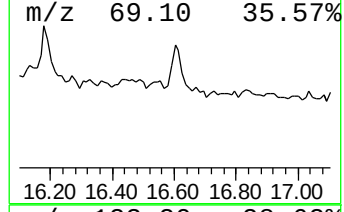
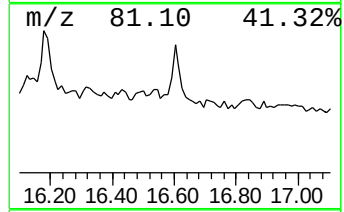
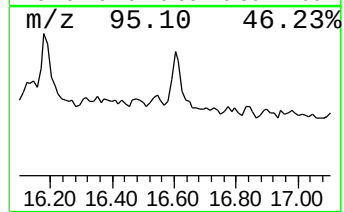
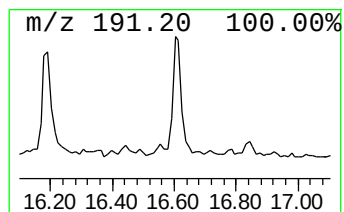
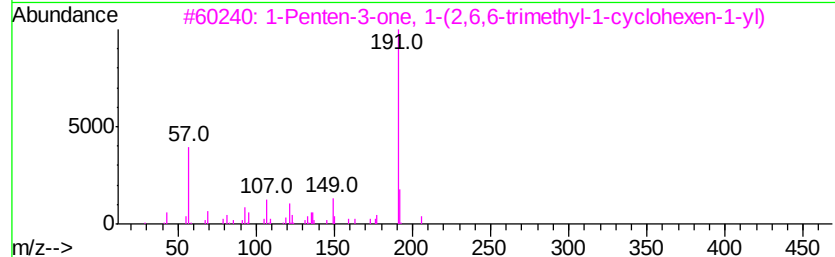
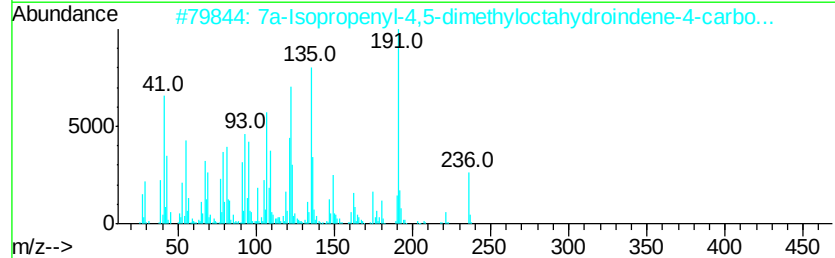
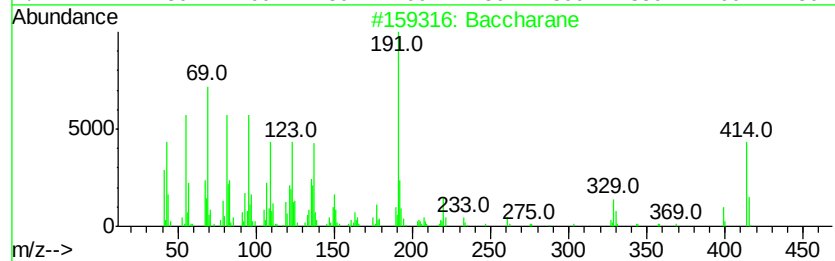
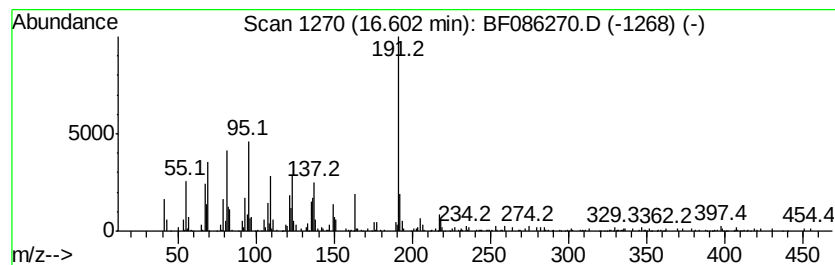
Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Baccharane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	7.48 ng	418447	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Baccharane	414 C30H54	036441-74-4	58
2	7a-Isopropenyl-4,5-dimethyloctah...	236 C15H24O2	1000192-14-7	50
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	50
4	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	49
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086270.D
Acq On : 16 Apr 2016 17:13
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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, 1,1-dime...	2.14	2.9	ng	258235	1	6.89	1769780	20.0
2-Pentanone, 4-hy...	5.07	3.5	ng	306215	1	6.89	1769780	20.0
unknown6.66	6.66	41.9	ng	3705630	1	6.89	1769780	20.0
Tetradecane	10.84	2.6	ng	221441	4	11.41	1690750	20.0
11H-Benzo[b]fluorene	13.19	2.1	ng	232280	5	14.04	2210950	20.0
Benzo[e]pyrene	15.37	6.9	ng	383914	6	15.48	1118890	20.0
.beta.-iso-Methyl...	16.18	7.6	ng	425394	6	15.48	1118890	20.0
Baccharane	16.60	7.5	ng	418447	6	15.48	1118890	20.0