

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095274.D
 Acq On : 19 May 2017 21:07
 Operator : SJ/MA
 Sample : I3203-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-11-BULK

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	5.107	532	539	563	rBV	888998	2142713	86.41%	9.783%
2	5.748	645	648	676	rBV	260280	782583	31.56%	3.573%
3	7.301	909	912	931	rBV	666180	1492538	60.19%	6.814%
4	7.436	931	935	949	rVB	698301	1196855	48.27%	5.464%
5	7.766	987	991	1005	rBV	341088	435470	17.56%	1.988%
6	8.001	1026	1031	1046	rBV	1169405	1515451	61.11%	6.919%
7	8.254	1071	1074	1101	rBV	354015	749904	30.24%	3.424%
8	8.536	1117	1122	1140	rBV	241583	754351	30.42%	3.444%
9	8.660	1140	1143	1160	rVB	700974	1132866	45.69%	5.172%
10	8.919	1184	1187	1199	rVB2	15619	27327	1.10%	0.125%
11	9.219	1235	1238	1249	rVB	88274	139114	5.61%	0.635%
12	9.366	1256	1263	1286	rBV	259280	666574	26.88%	3.043%
13	9.560	1291	1296	1298	rBV	134925	223162	9.00%	1.019%
14	9.583	1298	1300	1309	rVV	151370	311425	12.56%	1.422%
15	9.648	1309	1311	1327	rVB	130234	216696	8.74%	0.989%
16	9.778	1329	1333	1344	rVB	515328	669857	27.01%	3.058%
17	9.866	1344	1348	1357	rBV	43387	105368	4.25%	0.481%
18	10.295	1418	1421	1427	rBV2	13620	26278	1.06%	0.120%
19	10.348	1427	1430	1445	rVB3	17073	45018	1.82%	0.206%
20	10.536	1457	1462	1473	rBV4	20714	58790	2.37%	0.268%
21	11.554	1629	1635	1657	rBV	1723454	2479679	100.00%	11.321%
22	11.772	1668	1672	1681	rVB	33623	47137	1.90%	0.215%
23	12.260	1751	1755	1773	rVB	107359	240315	9.69%	1.097%
24	12.613	1810	1815	1836	rBV3	495746	853906	34.44%	3.899%
25	13.448	1952	1957	1962	rBV	92063	106647	4.30%	0.487%
26	13.807	2012	2018	2022	rBV3	21534	40798	1.65%	0.186%
27	13.924	2034	2038	2049	rBV	165635	350398	14.13%	1.600%
28	14.218	2084	2088	2091	rBV	89027	109451	4.41%	0.500%
29	14.954	2207	2213	2217	rBV	62783	78959	3.18%	0.360%
30	15.018	2217	2224	2244	rVV2	467953	865745	34.91%	3.953%
31	15.612	2321	2325	2331	rVB	58634	63259	2.55%	0.289%
32	15.818	2356	2360	2364	rBV	27006	35781	1.44%	0.163%
33	15.859	2364	2367	2372	rVV	20734	34160	1.38%	0.156%
34	15.989	2380	2389	2392	rBV6	16447	40635	1.64%	0.186%

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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35	16.207	2422	2426	2431	rBV	45913	51532	2.08%	0.235%
36	16.748	2512	2518	2521	rBV2	45133	52163	2.10%	0.238%
37	17.248	2596	2603	2606	rBV3	31749	37778	1.52%	0.172%
38	17.336	2613	2618	2627	rBV	1949774	2442363	98.50%	11.151%
39	17.718	2679	2683	2689	rBV4	23856	27553	1.11%	0.126%
40	18.577	2824	2829	2840	rBV2	61405	144895	5.84%	0.662%
41	18.689	2844	2848	2860	rBV	410762	687588	27.73%	3.139%
42	20.371	3129	3134	3144	rBV	234231	420231	16.95%	1.919%

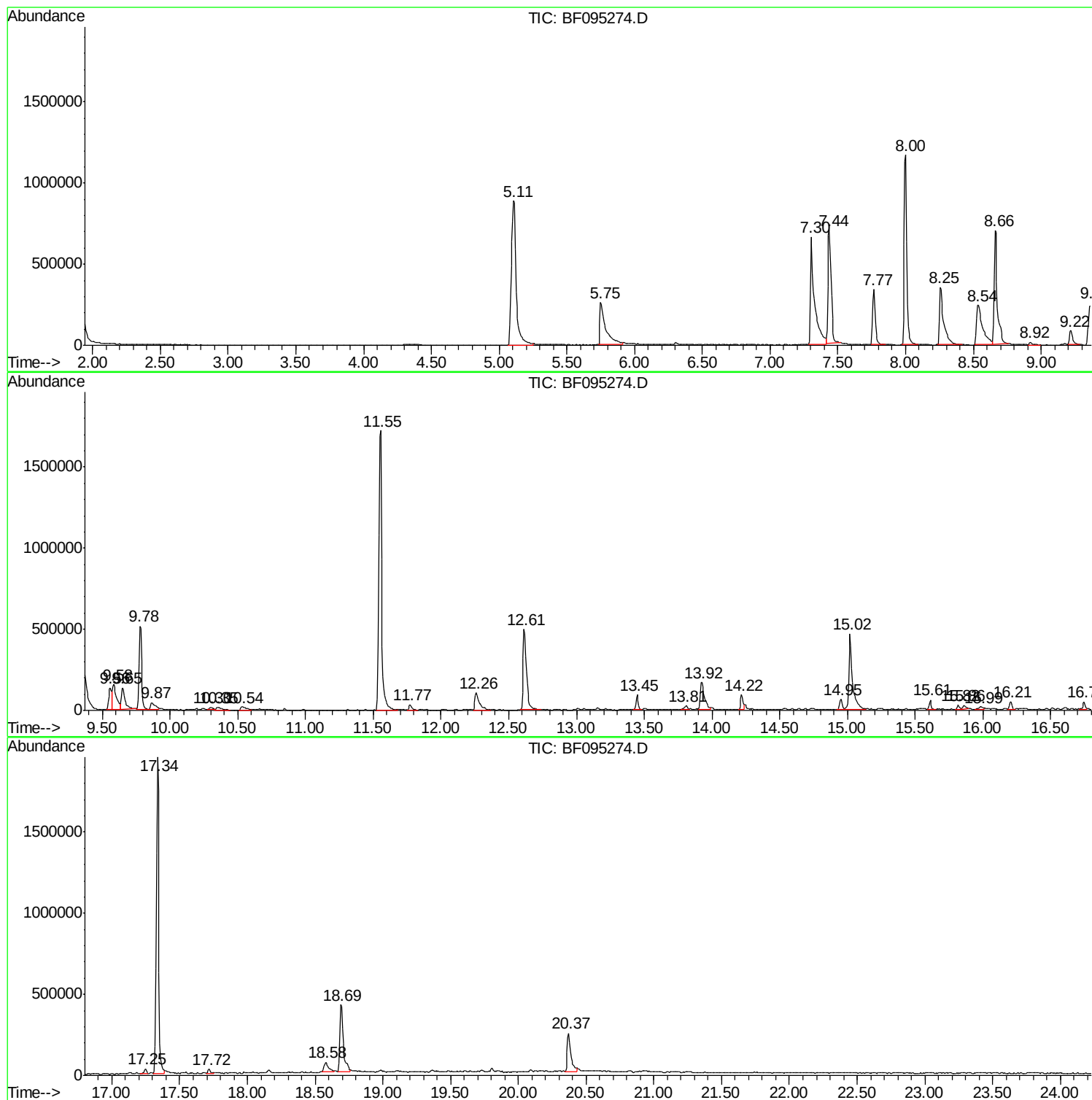
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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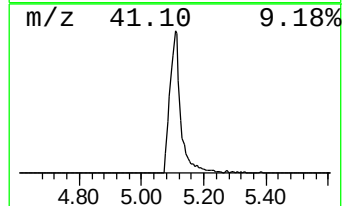
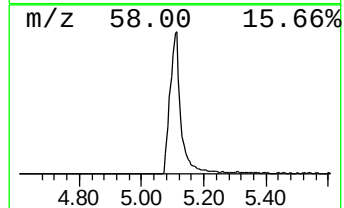
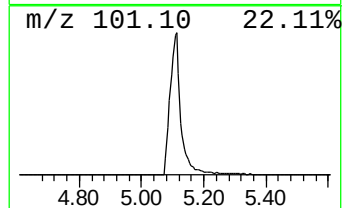
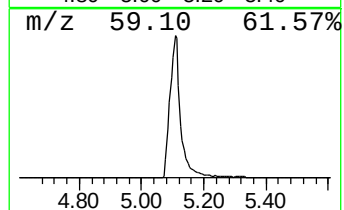
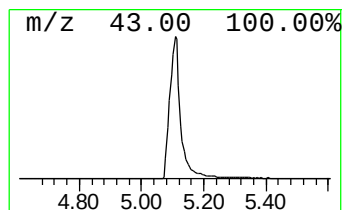
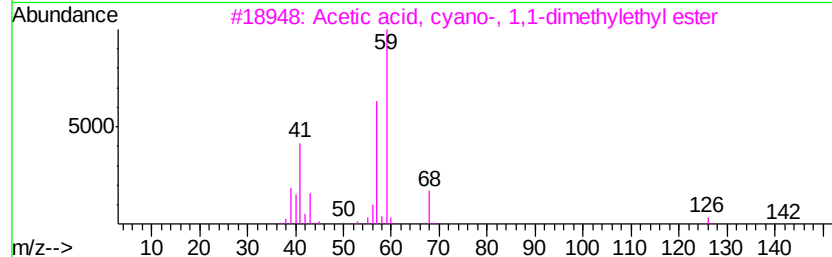
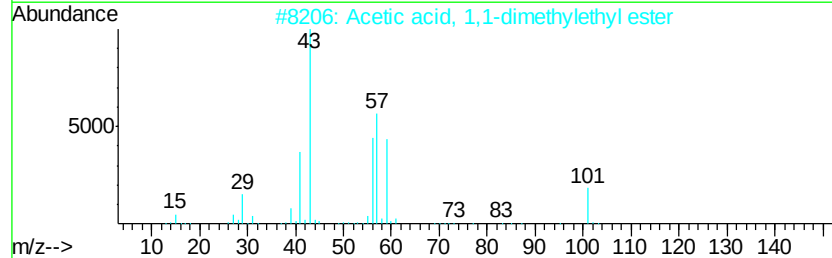
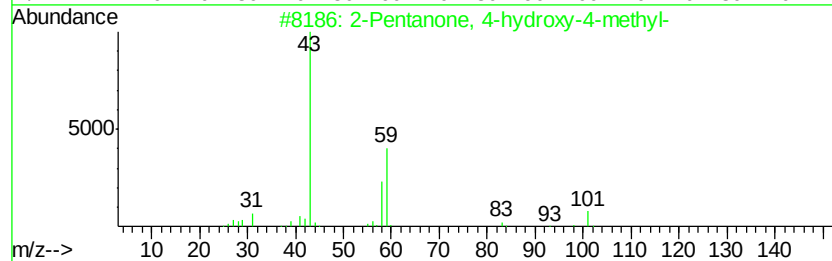
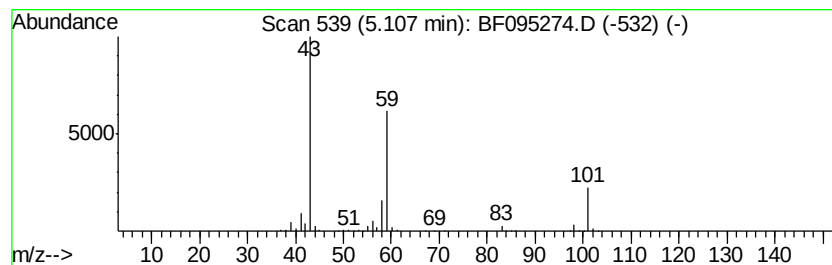
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	98.41 ng	2142710	1,4-Dichlorobenzene-d4	7.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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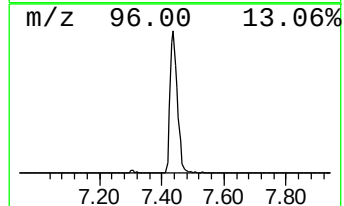
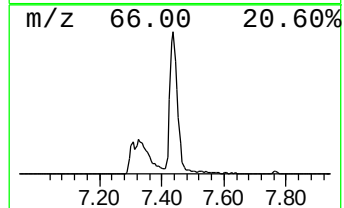
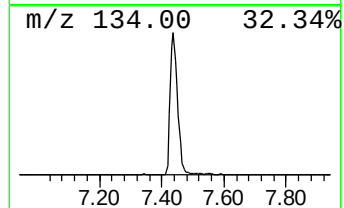
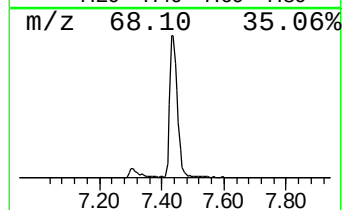
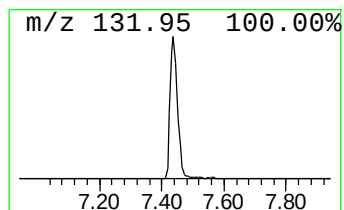
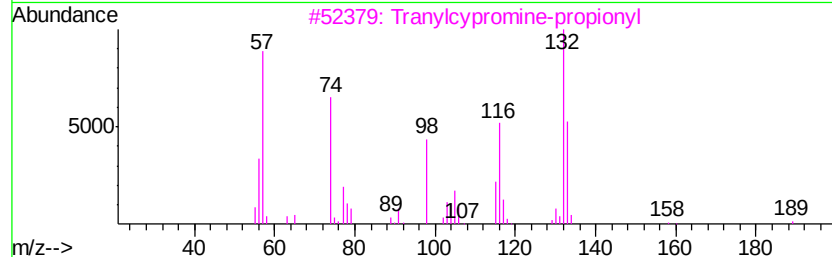
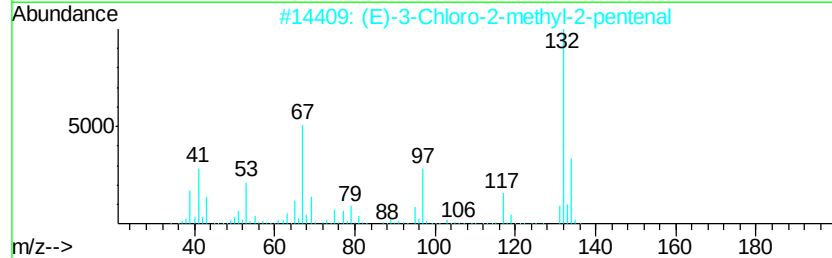
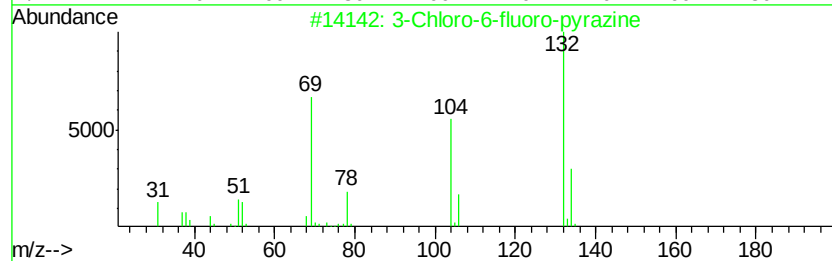
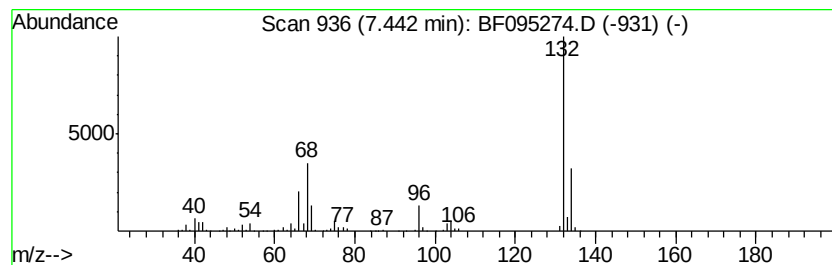
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Peak Number 2 unknown7.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	54.97 ng	1196860	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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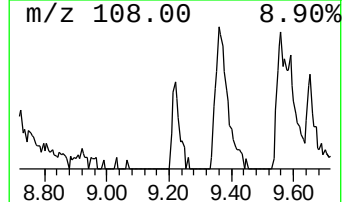
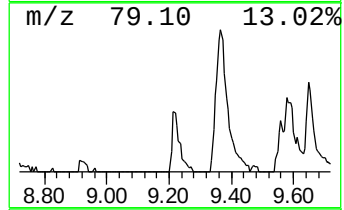
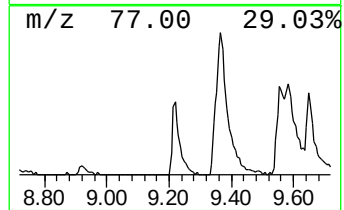
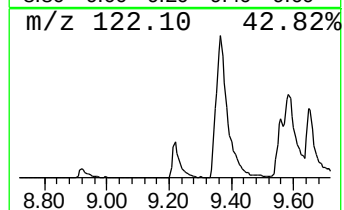
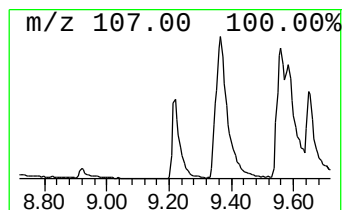
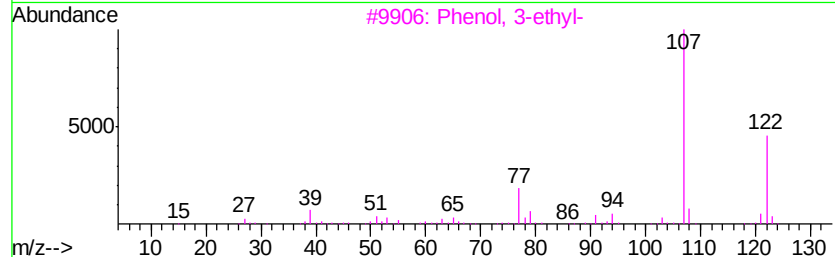
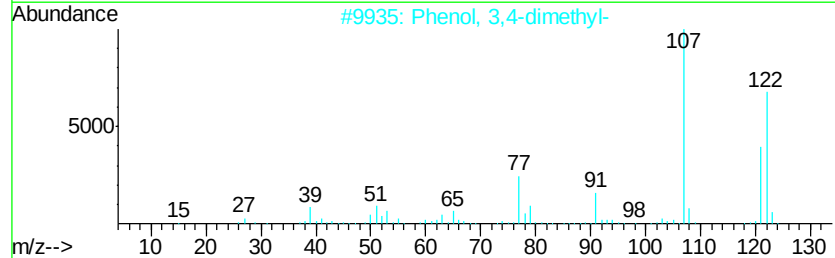
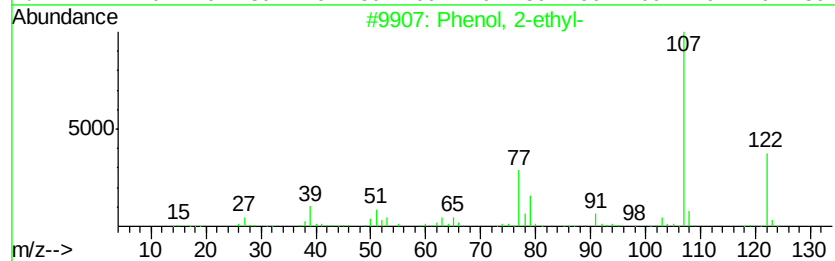
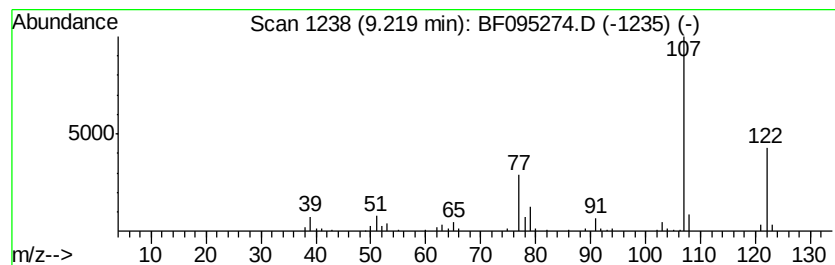
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.22	4.15 ng	139114	Napthalene-d8	9.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94	
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91	
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91	
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87	
5	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72	



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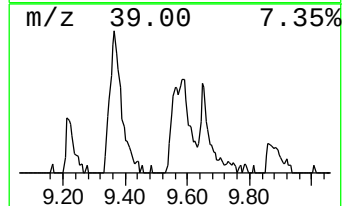
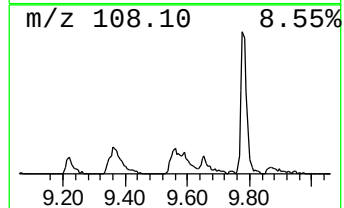
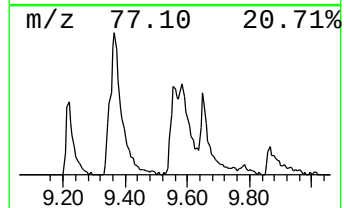
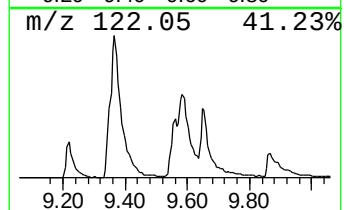
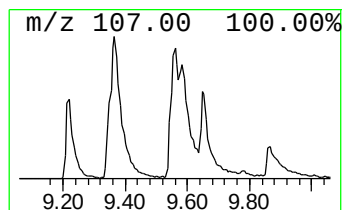
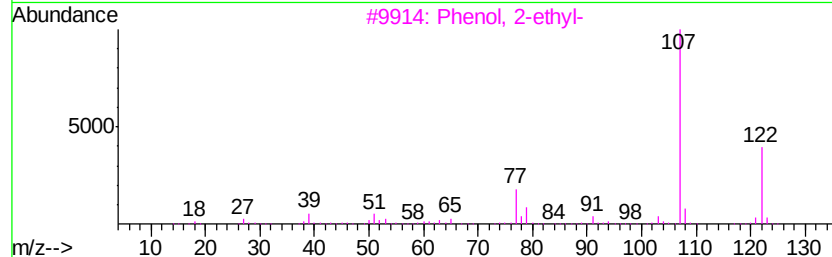
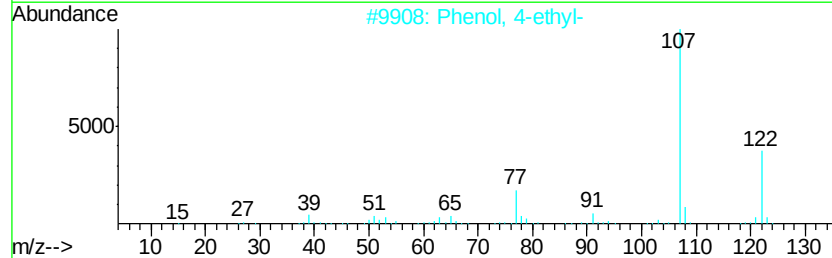
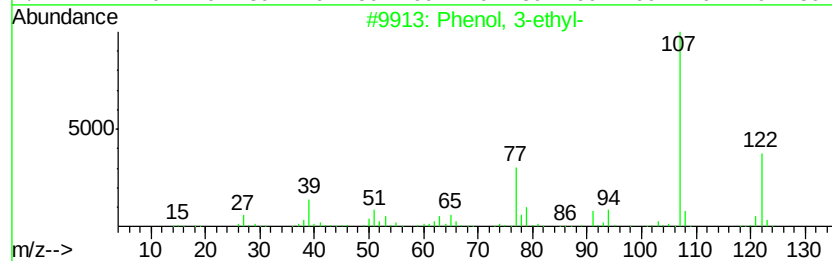
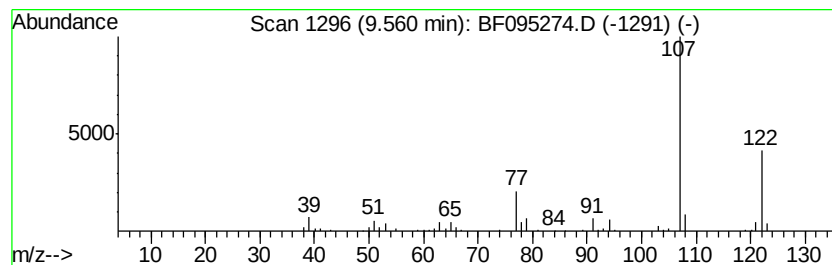
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenol, 3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	6.66 ng	223162	Napthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2		Phenol, 4-ethyl-	122	C8H10O	000123-07-9	94
3		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	78
5		Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	64



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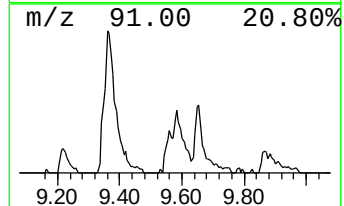
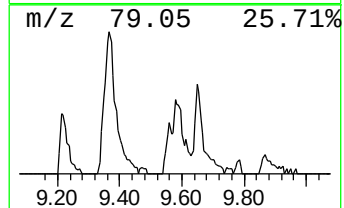
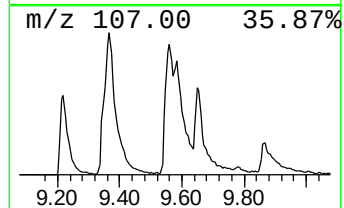
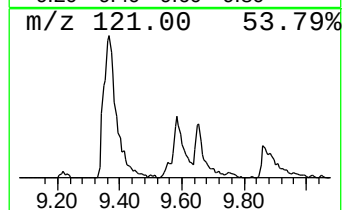
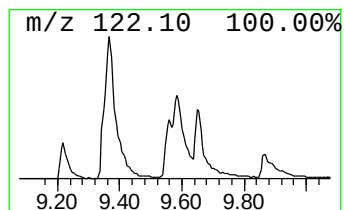
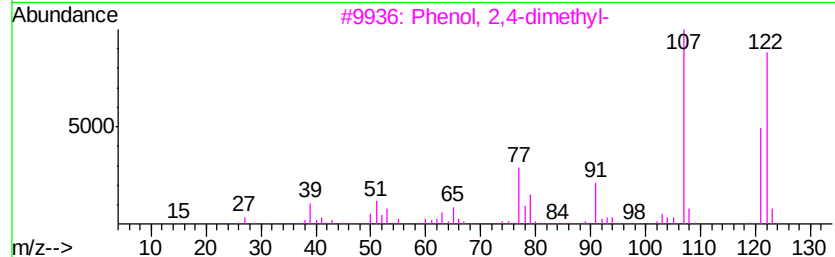
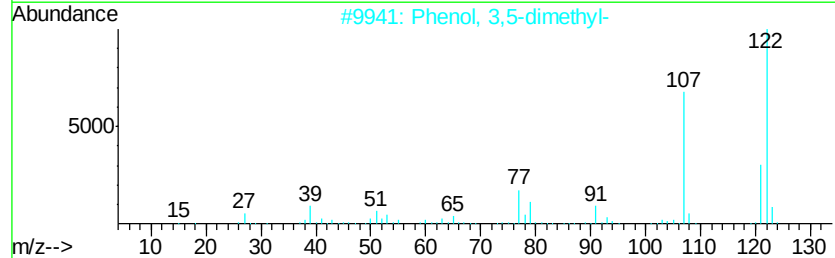
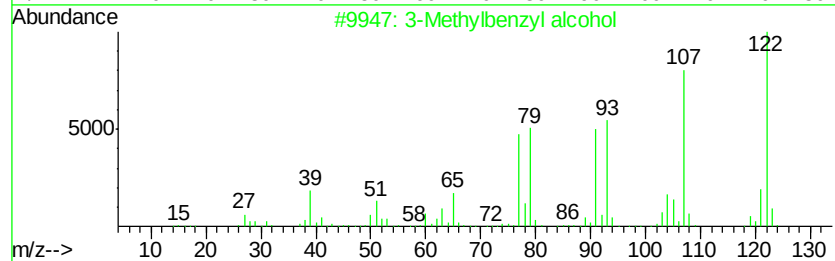
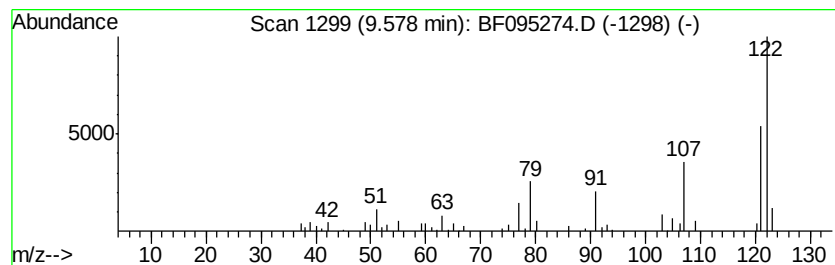
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TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Methylbenzyl alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.58	9.30 ng	311425	Napthalene-d8	9.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	86
2		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	80
3		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	72
4		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72
5		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095274.D
Acq On : 19 May 2017 21:07
Operator : SJ/MA
Sample : I3203-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

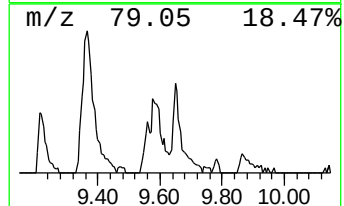
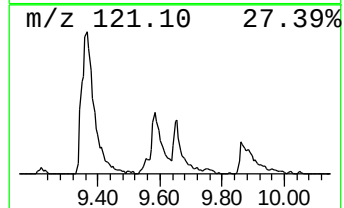
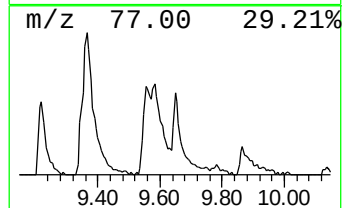
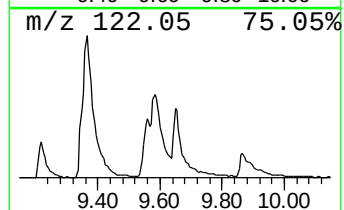
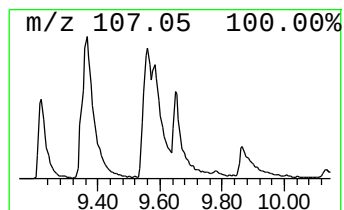
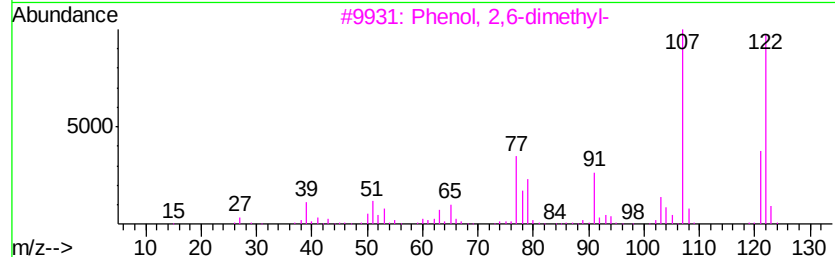
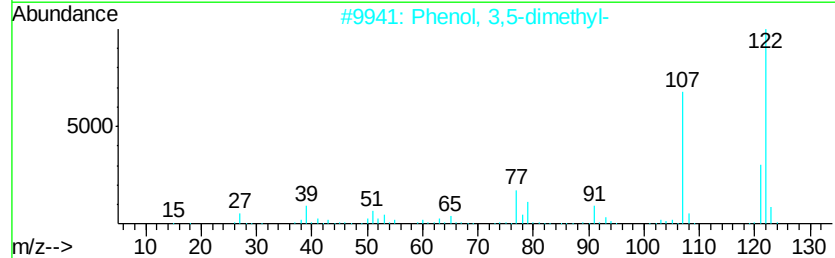
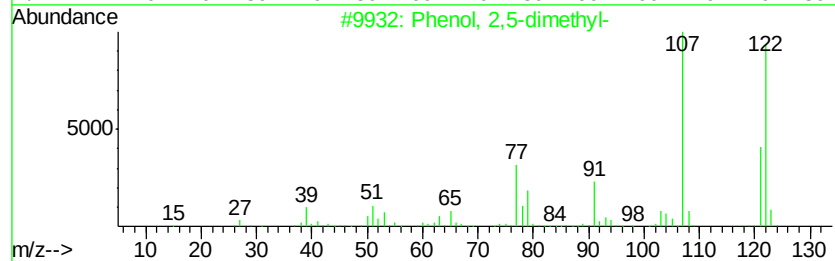
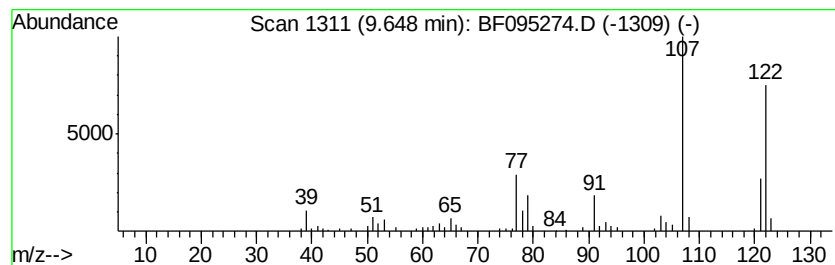
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenol, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	6.47 ng	216696	Napthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
2		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
4		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
5		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095274.D
Acq On : 19 May 2017 21:07
Operator : SJ/MA
Sample : I3203-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

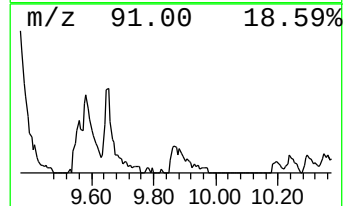
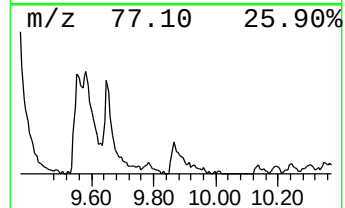
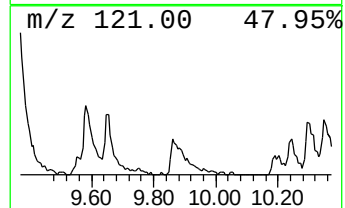
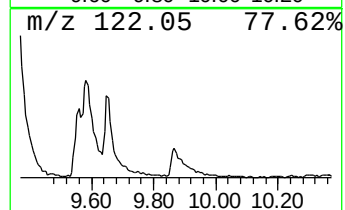
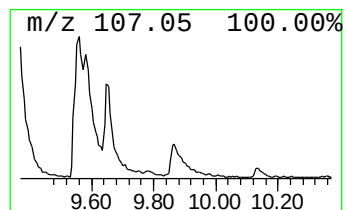
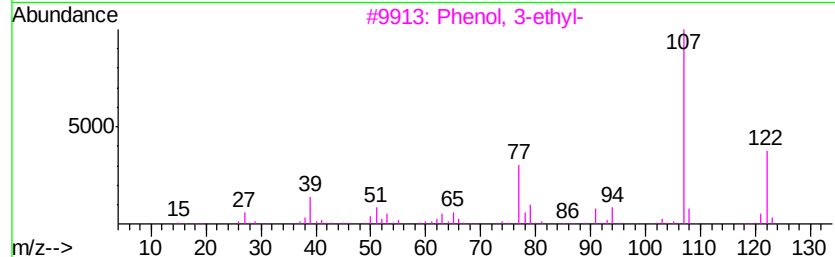
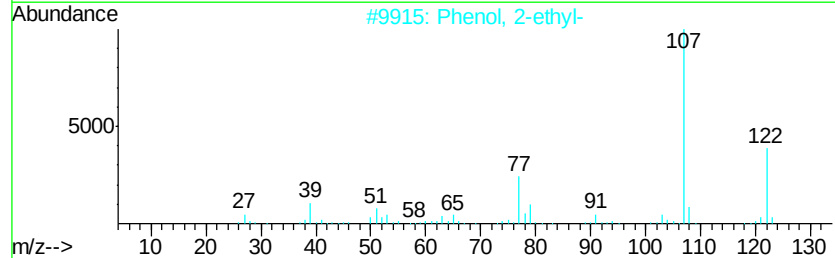
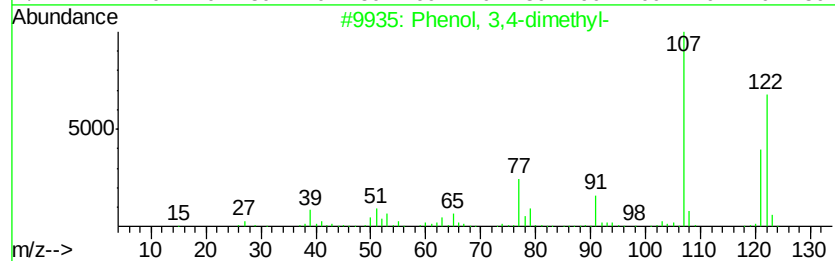
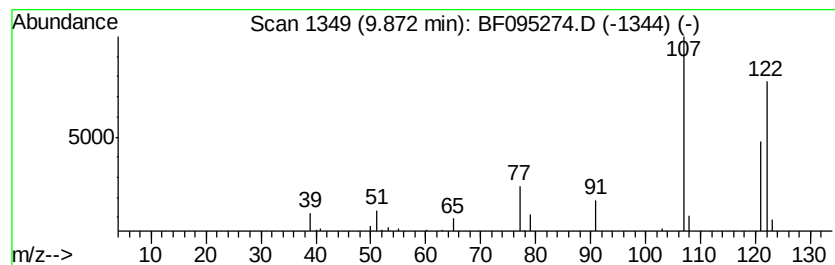
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.15 ng	105368	Napthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
2		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
3		Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
4		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
5		Phenol, 3,4-dimethyl-, methylcar...	179	C10H13NO2	002425-10-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095274.D
Acq On : 19 May 2017 21:07
Operator : SJ/MA
Sample : I3203-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

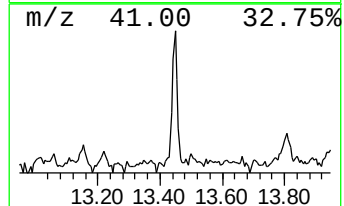
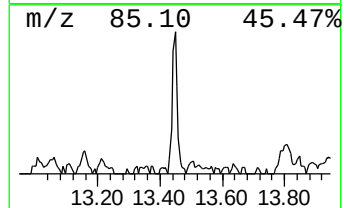
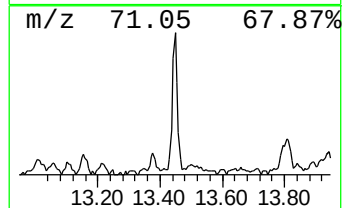
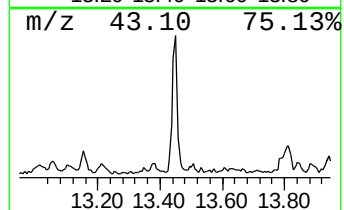
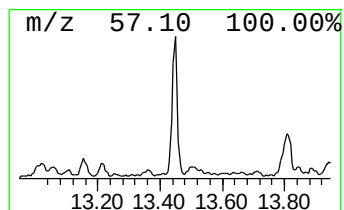
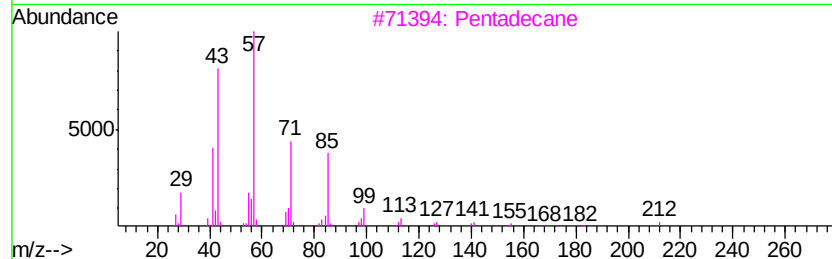
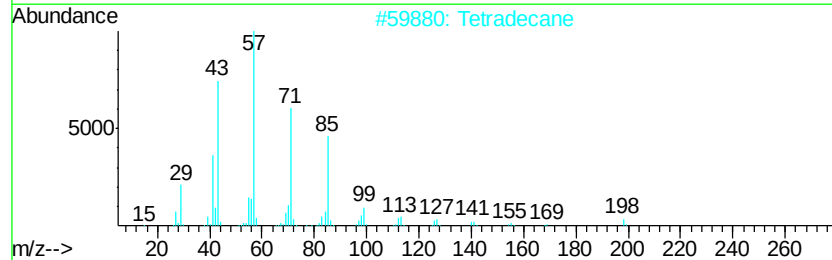
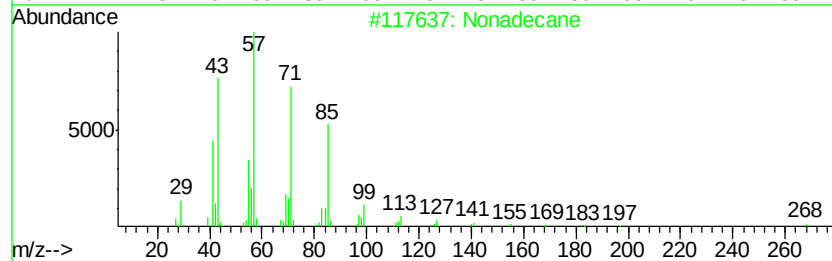
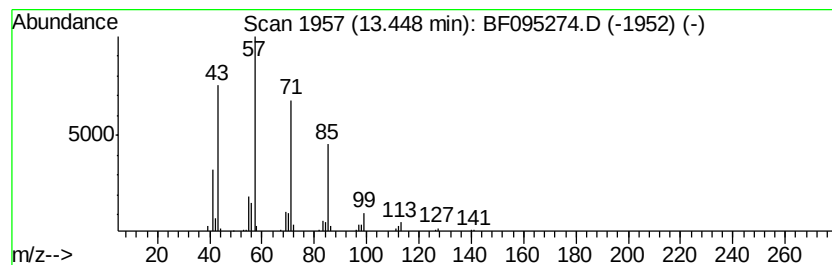
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

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 9 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.50 ng	106647	Acenaphthene-d10	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	87
2	Tetradecane	198 C14H30	000629-59-4	87
3	Pentadecane	212 C15H32	000629-62-9	86
4	Eicosane	282 C20H42	000112-95-8	86
5	Tetracosane	338 C24H50	000646-31-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095274.D
Acq On : 19 May 2017 21:07
Operator : SJ/MA
Sample : I3203-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

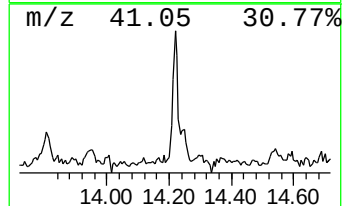
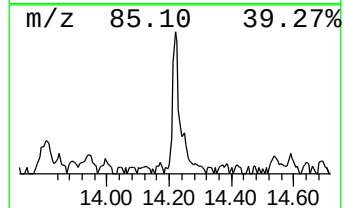
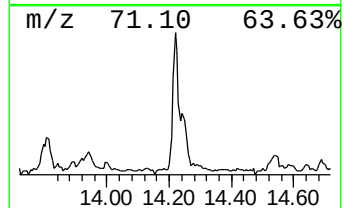
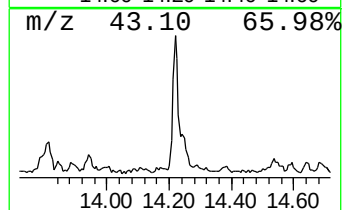
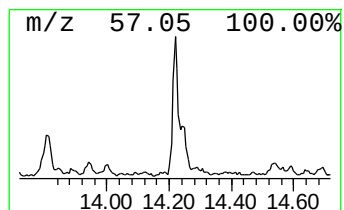
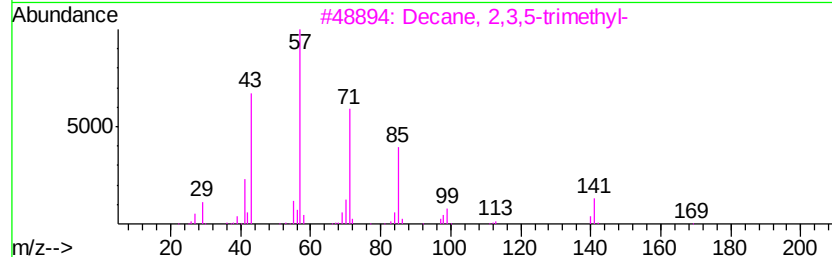
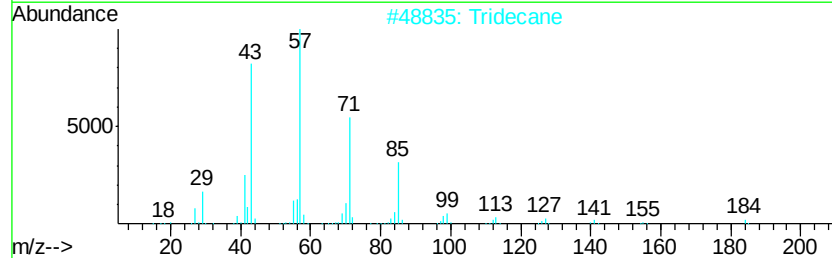
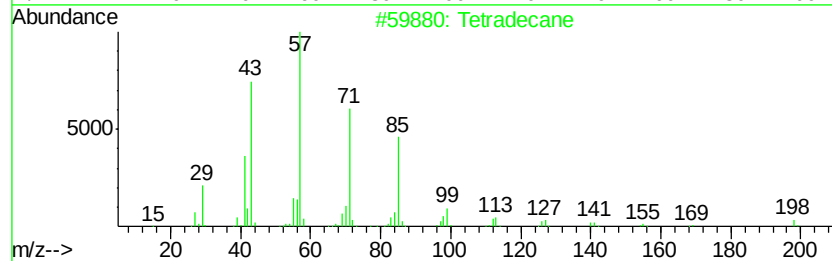
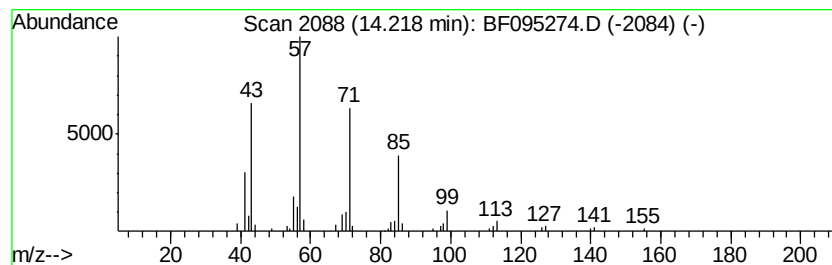
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.53 ng	109451	Phenanthrene-d10	15.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095274.D
Acq On : 19 May 2017 21:07
Operator : SJ/MA
Sample : I3203-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

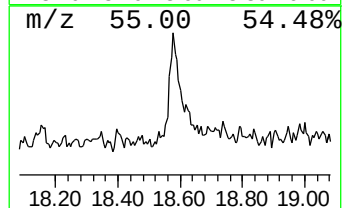
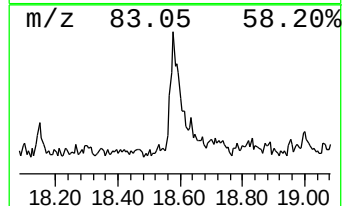
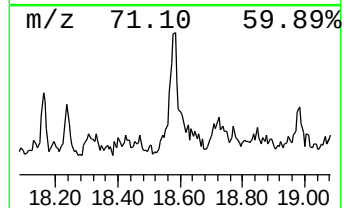
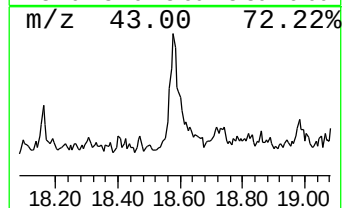
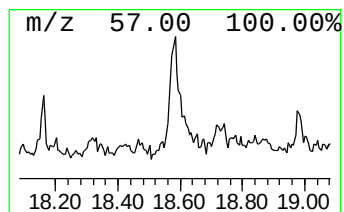
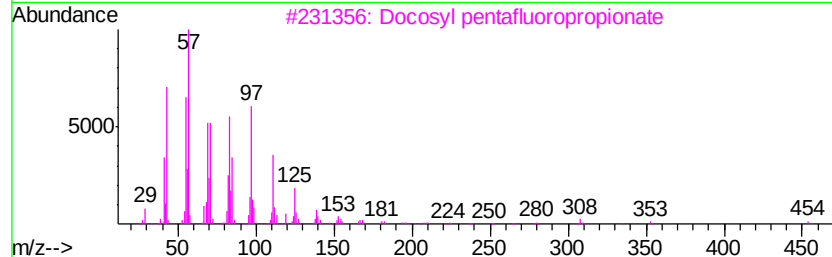
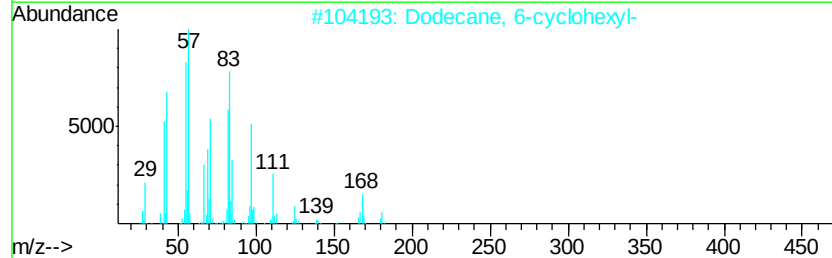
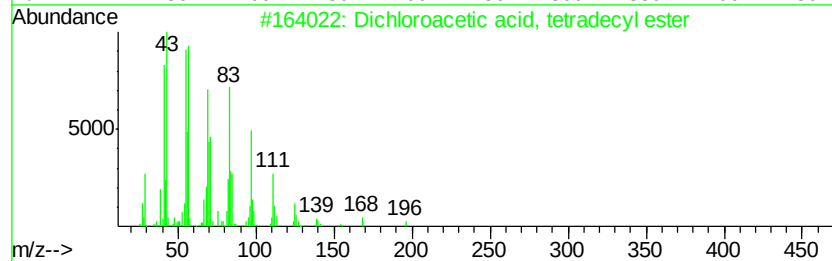
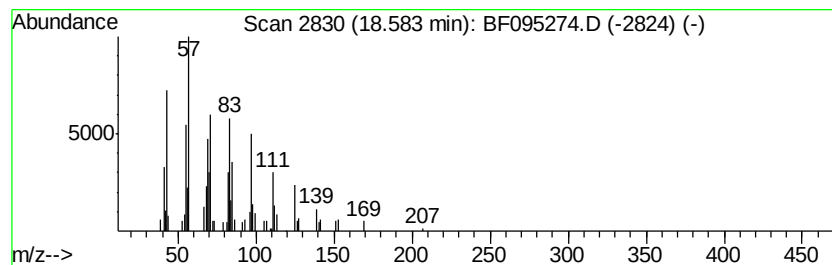
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dichloroacetic acid, tetrad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	4.21 ng	144895	Chrysene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	72
2		Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	72
3		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	68
4		Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	64
5		17-Pentatriacontene	491	C35H70	006971-40-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.11	98.4	ng	2142710	1	7.77	435470	20.0
unknown7.44	7.44	55.0	ng	1196860	1	7.77	435470	20.0
Phenol, 2-ethyl-	9.22	4.2	ng	139114	2	9.78	669857	20.0
Phenol, 3-ethyl-	9.56	6.7	ng	223162	2	9.78	669857	20.0
3-Methylbenzyl al...	9.58	9.3	ng	311425	2	9.78	669857	20.0
Phenol, 2,5-dimet...	9.65	6.5	ng	216696	2	9.78	669857	20.0
Phenol, 3,4-dimet...	9.87	3.1	ng	105368	2	9.78	669857	20.0
Nonadecane	13.45	2.5	ng	106647	3	12.61	853906	20.0
Tetradecane	14.22	2.5	ng	109451	4	15.02	865745	20.0
Dichloroacetic ac...	18.58	4.2	ng	144895	5	18.69	687588	20.0