

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003814.D
 Acq On : 25 Dec 2015 13:32
 Operator : UM/SJ
 Sample : G4956-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 W-43

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_M\METHODS\8270-BM120915.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	4.805	286	292	300	rBV	75600	103017	4.53%	0.680%
2	5.004	321	326	333	rBB	48557	67869	2.98%	0.448%
3	5.269	365	371	379	rBV	467347	673194	29.58%	4.447%
4	6.863	636	642	651	rBV	292097	448554	19.71%	2.963%
5	7.216	696	702	710	rBV	826874	1305046	57.34%	8.621%
6	7.681	775	781	794	rVB	179977	304268	13.37%	2.010%
7	8.004	828	836	847	rBB	750645	1234999	54.26%	8.158%
8	8.840	971	978	986	rBV	578527	973280	42.76%	6.429%
9	9.104	1019	1023	1031	rBB2	18844	30650	1.35%	0.202%
10	10.469	1248	1255	1266	rBV	259887	428543	18.83%	2.831%
11	11.439	1414	1420	1427	rBV	10291	23780	1.04%	0.157%
12	11.810	1477	1483	1491	rBV6	10614	26804	1.18%	0.177%
13	12.163	1536	1543	1549	rBV	40158	69999	3.08%	0.462%
14	12.404	1580	1584	1595	rVB5	11972	25309	1.11%	0.167%
15	12.845	1651	1659	1667	rVB8	11426	35827	1.57%	0.237%
16	12.951	1670	1677	1683	rVV	1522411	2276038	100.00%	15.035%
17	13.045	1689	1693	1698	rVB	23769	35527	1.56%	0.235%
18	13.292	1729	1735	1740	rVB8	10780	23898	1.05%	0.158%
19	13.380	1746	1750	1755	rVB	32001	46869	2.06%	0.310%
20	13.663	1794	1798	1805	rVB4	13557	24647	1.08%	0.163%
21	13.727	1805	1809	1815	rBV	26571	41164	1.81%	0.272%
22	13.792	1815	1820	1825	rBV	90365	130271	5.72%	0.861%
23	14.051	1859	1864	1873	rVB7	11987	26134	1.15%	0.173%
24	14.151	1873	1881	1888	rBV9	8302	26683	1.17%	0.176%
25	14.333	1906	1912	1919	rVB2	328024	516981	22.71%	3.415%
26	14.610	1952	1959	1962	rBV4	18283	33575	1.48%	0.222%
27	14.927	2009	2013	2019	rBV	28253	55991	2.46%	0.370%
28	15.080	2035	2039	2046	rVB7	12170	23368	1.03%	0.154%
29	15.574	2117	2123	2130	rBV4	19616	50491	2.22%	0.334%
30	15.704	2140	2145	2156	rVV2	78255	163060	7.16%	1.077%
31	15.833	2160	2167	2181	rVB	852435	1365305	59.99%	9.019%
32	16.357	2252	2256	2259	rBV	19074	26453	1.16%	0.175%
33	16.557	2285	2290	2300	rBV2	12316	30824	1.35%	0.204%
34	17.080	2374	2379	2385	rVB2	359236	516394	22.69%	3.411%

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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

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35	17.439	2436	2440	2448	rBV	30463	54240	2.38%	0.358%
36	17.751	2490	2493	2502	rVB7	14423	24453	1.07%	0.162%
37	17.980	2528	2532	2542	rBV	29520	49322	2.17%	0.326%
38	18.451	2608	2612	2618	rVB	20188	29703	1.31%	0.196%
39	19.362	2763	2767	2771	rBV	30715	39201	1.72%	0.259%
40	19.539	2792	2797	2804	rVB	181917	237314	10.43%	1.568%
41	19.721	2822	2828	2834	rBV	1729999	2244459	98.61%	14.826%
42	20.851	3017	3020	3025	rBV	18513	23906	1.05%	0.158%
43	20.992	3040	3044	3052	rBV2	45597	67544	2.97%	0.446%
44	21.280	3088	3093	3101	rBV	464635	622501	27.35%	4.112%
45	23.521	3467	3474	3483	rVB	318333	581074	25.53%	3.838%

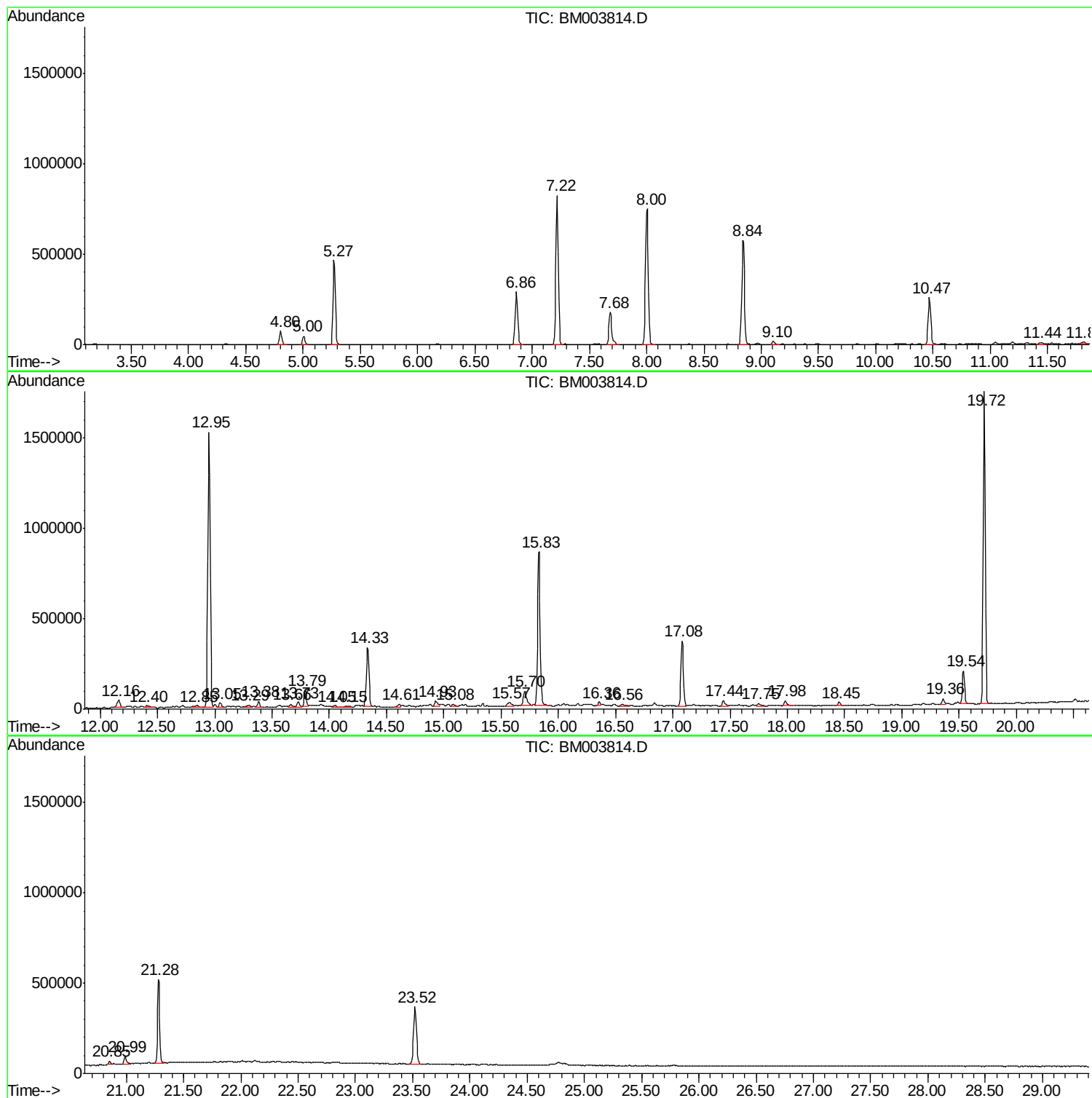
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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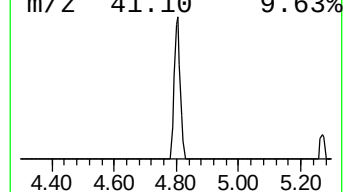
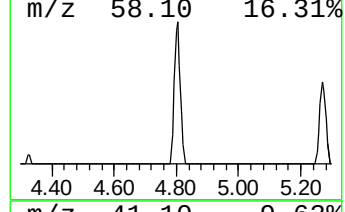
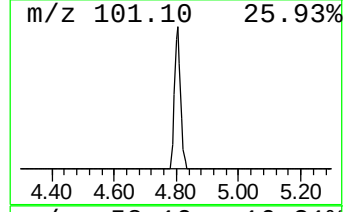
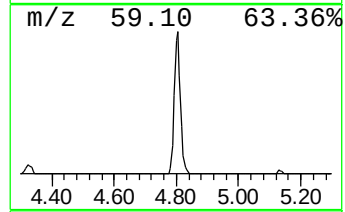
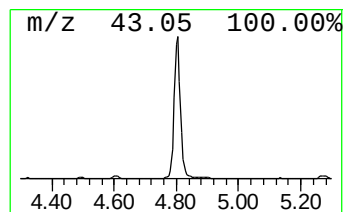
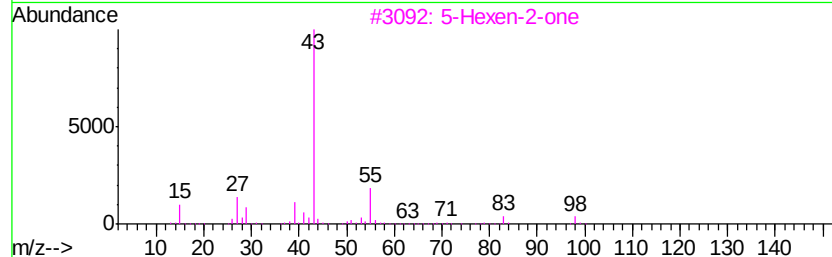
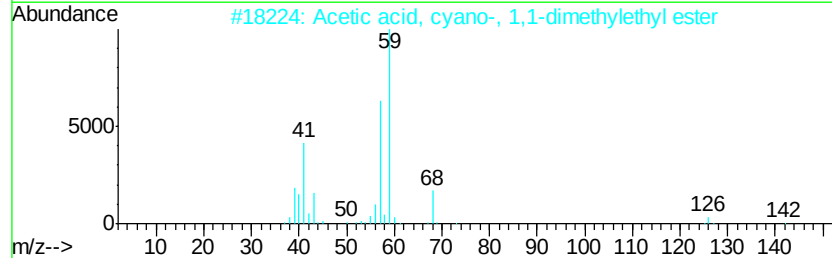
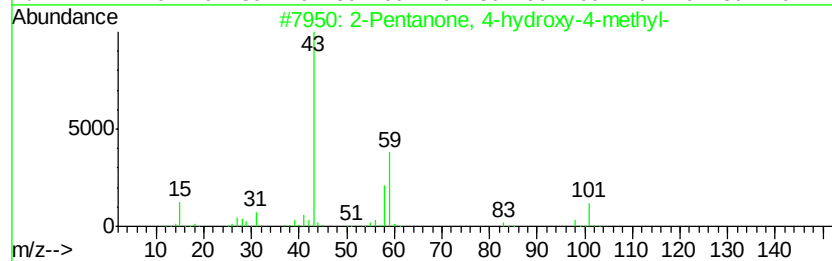
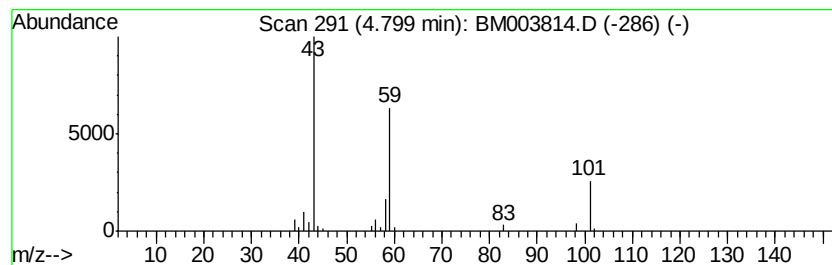
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	6.77 ng	103017	1,4-Dichlorobenzene-d4	7.68

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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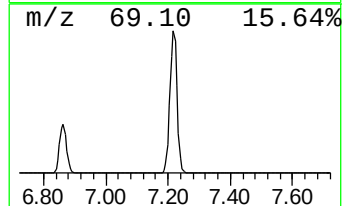
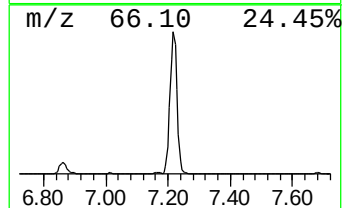
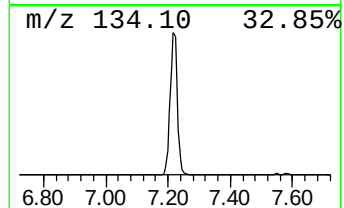
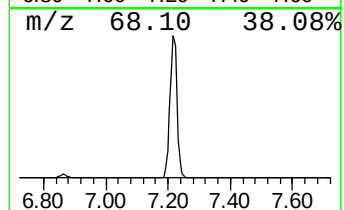
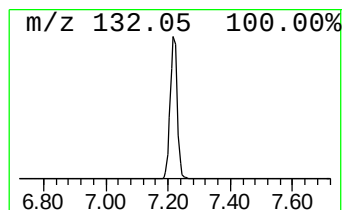
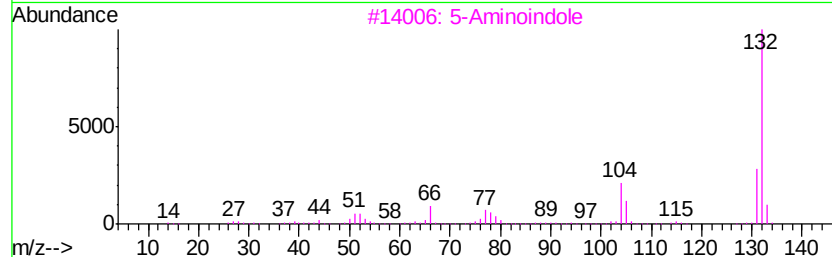
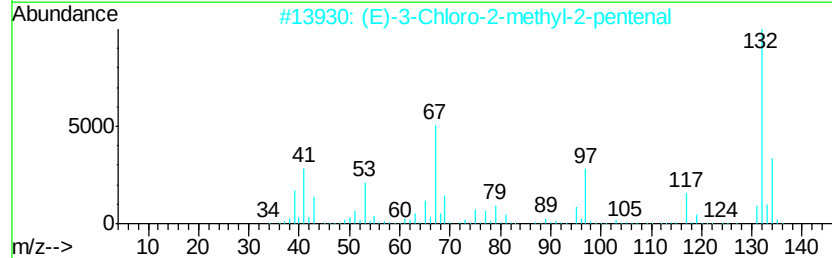
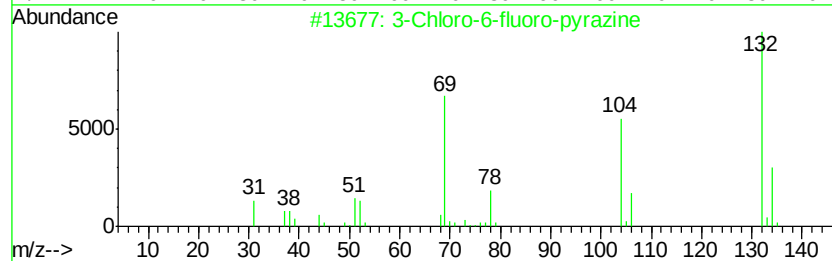
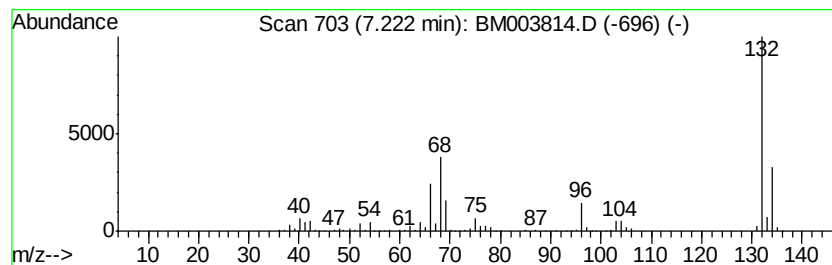
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Peak Number 3 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	85.78 ng	1305050	1,4-Dichlorobenzene-d4	7.68

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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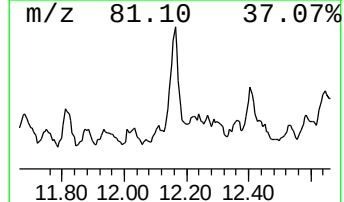
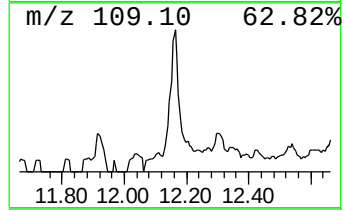
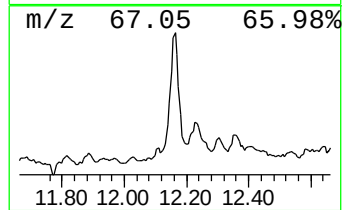
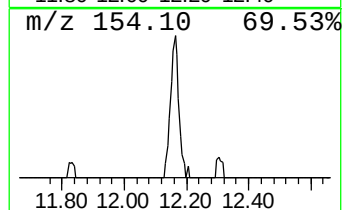
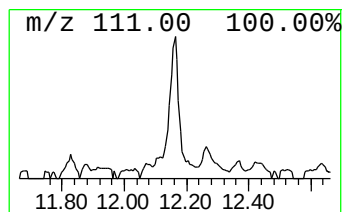
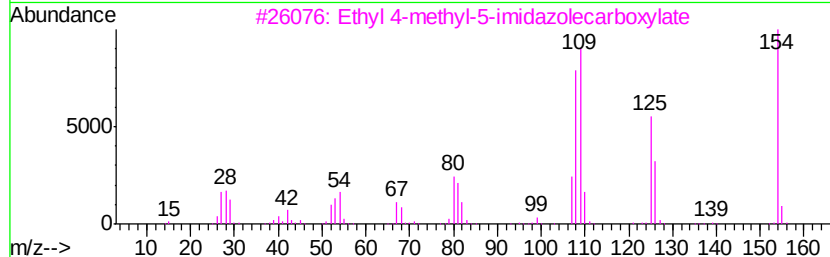
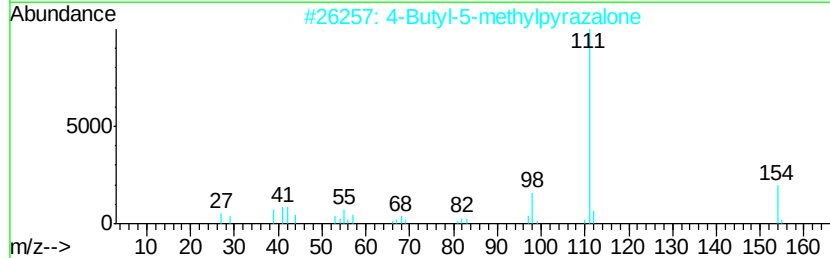
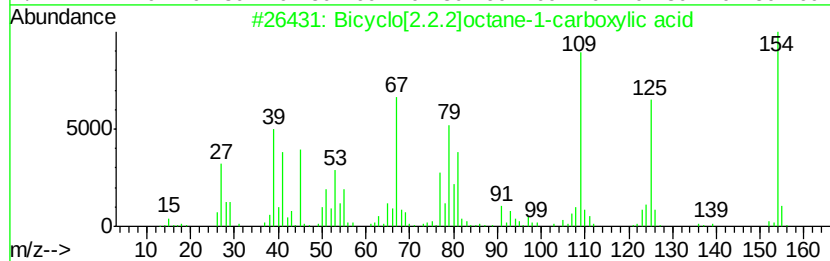
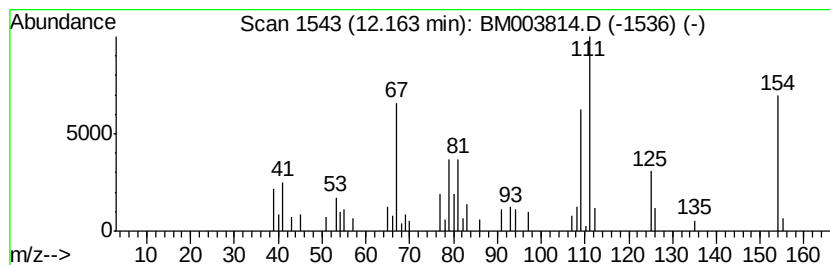
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.16 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.27 ng	69999	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]octane-1-carboxyli...	154	C9H14O2	000699-55-8	45
2		4-Butyl-5-methylpyrazalone	154	C8H14N2O	1000289-28-0	38
3		Ethyl 4-methyl-5-imidazolecarbox...	154	C7H10N2O2	051605-32-4	38
4		4a(2H)-Naphthalenol, octahydro-,...	154	C10H18O	001654-87-1	38
5		2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	27



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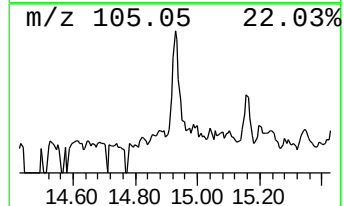
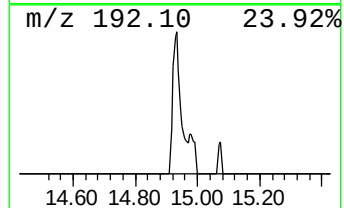
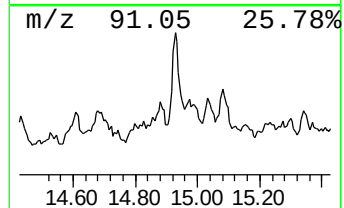
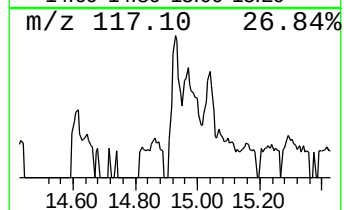
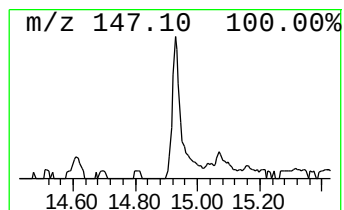
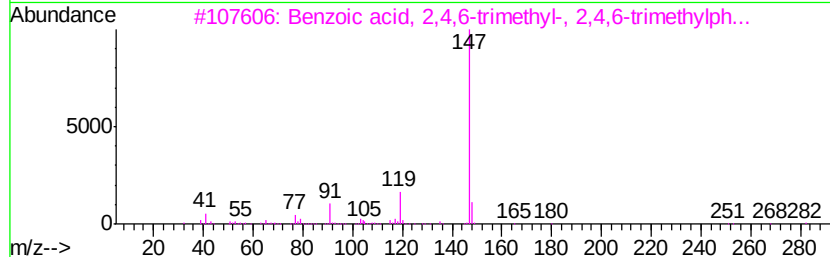
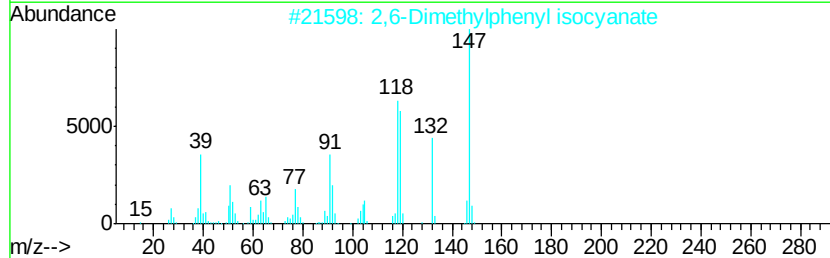
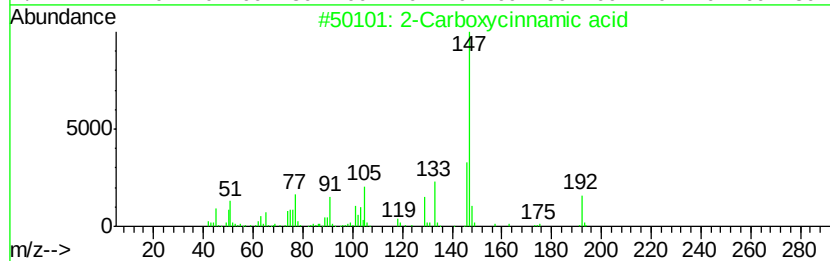
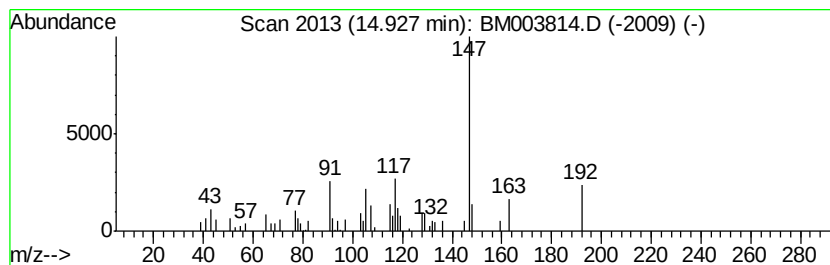
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 2-Carboxycinnamic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.17 ng	55991	Acenaphthene-d10	14.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Carboxycinnamic acid	192	C10H8O4	000612-40-8 53
2	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2 43
3	Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7 43
4	2-Indolizinemethanol	147	C9H9NO	022320-21-4 43
5	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5 40



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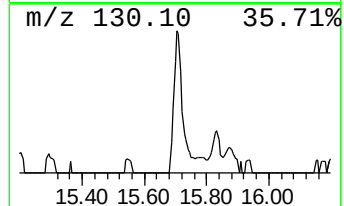
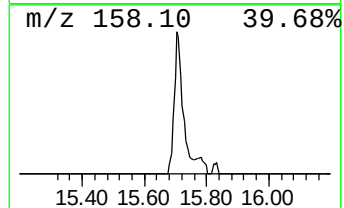
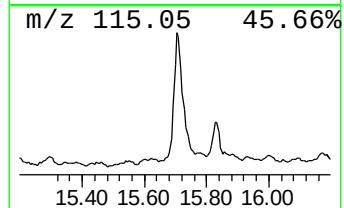
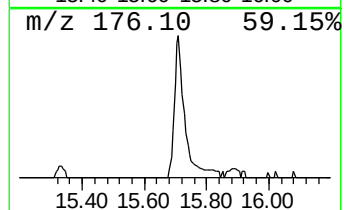
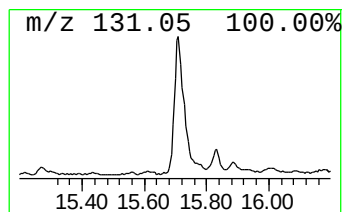
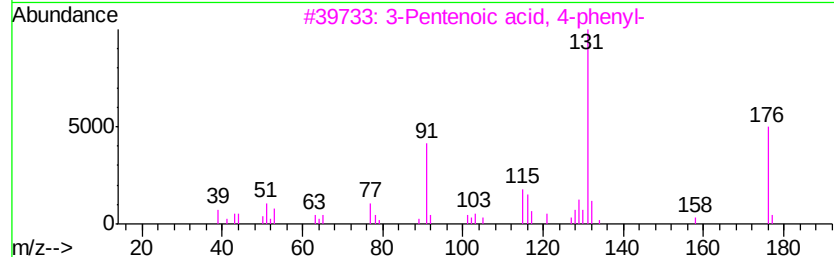
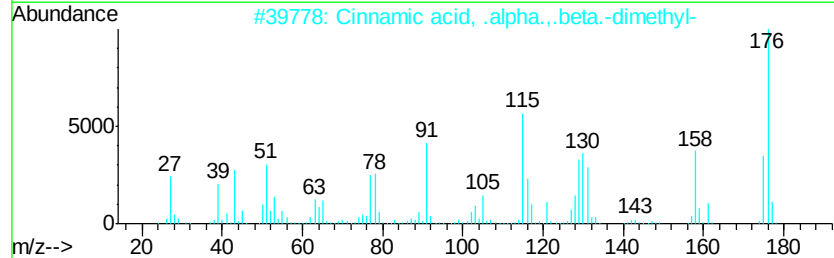
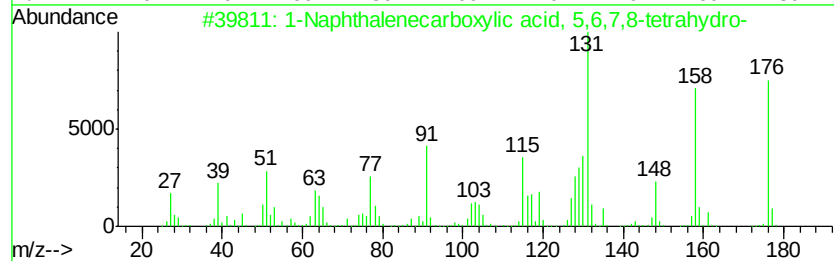
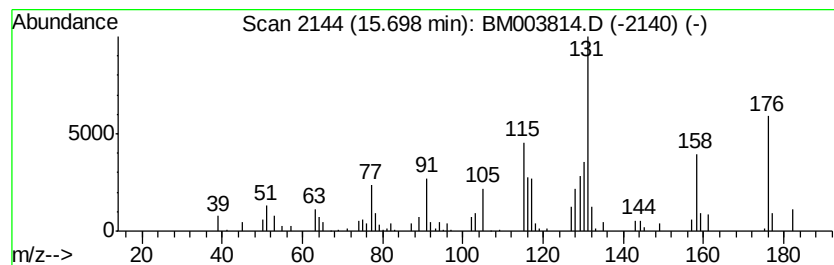
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Naphthalenecarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	6.31 ng	163060	Acenaphthene-d10	14.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	93	
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	55	
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43	
4	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	27	
5	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	27	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003814.D
Acq On : 25 Dec 2015 13:32
Operator : UM/SJ
Sample : G4956-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
W-43

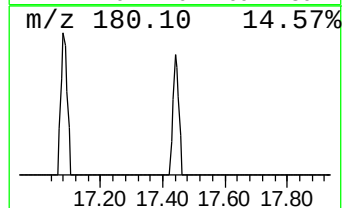
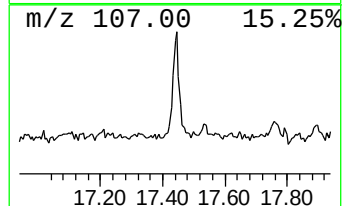
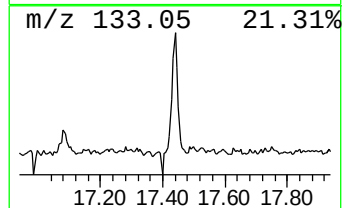
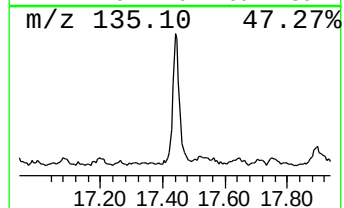
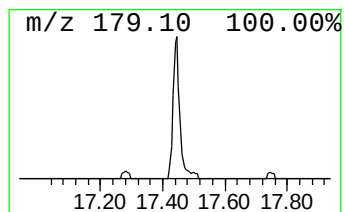
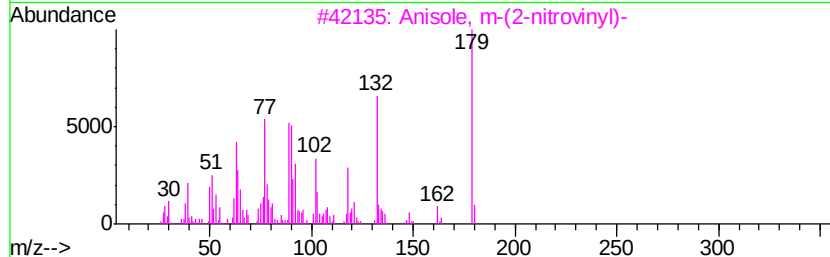
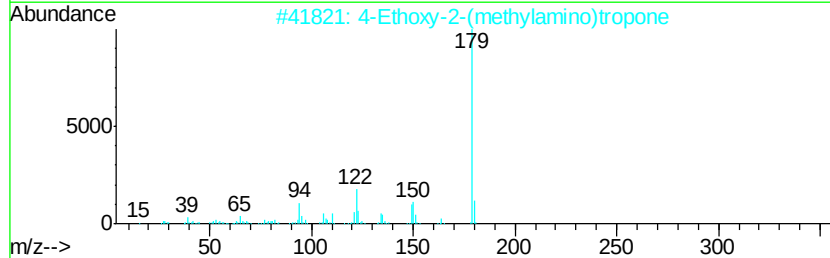
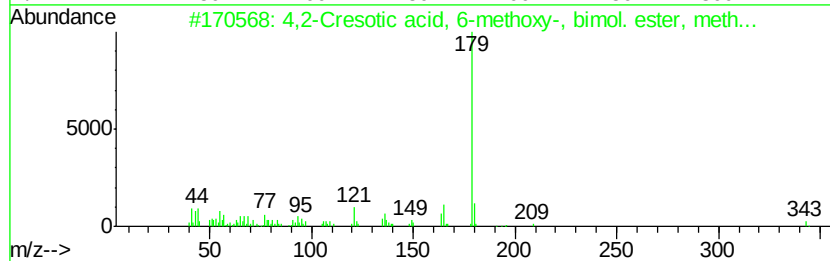
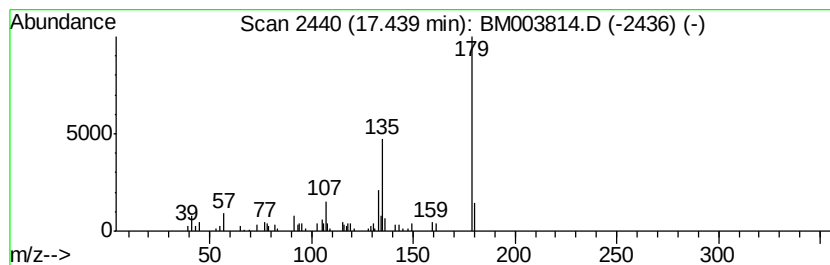
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown17.44 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.44	2.10 ng	54240	Phenanthrene-d10		17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,2-Cresotic acid, 6-methoxy-, b...	538	C29H30O10	019314-74-0	25		
2	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	23		
3	Anisole, m-(2-nitrovinyl)-	179	C9H9NO3	003179-09-7	9		
4	Benzofuroxan-5-carboxamide	179	C7H5N3O3	036389-09-0	9		
5	Benzenamine, 4-fluoro-3-(trifluo...	179	C7H5F4N	002357-47-3	9		



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Operator : UM/SJ
Sample : G4956-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
W-43

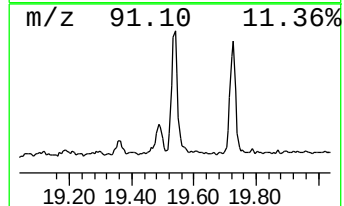
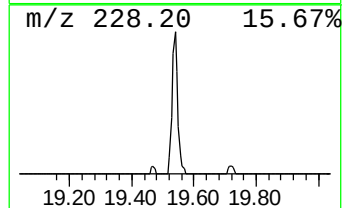
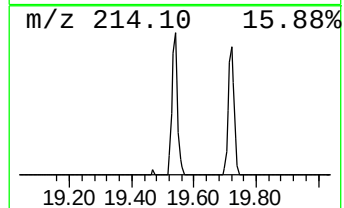
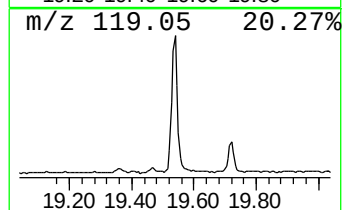
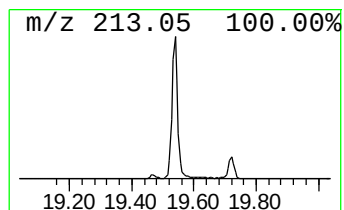
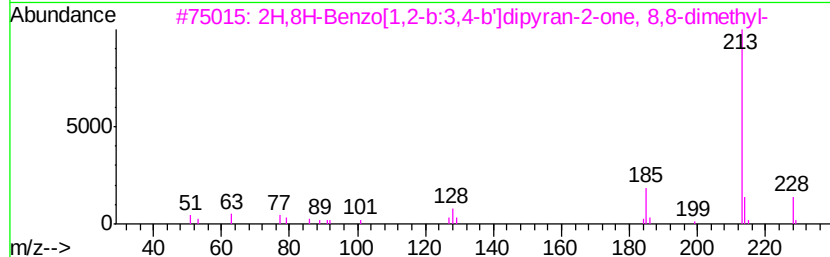
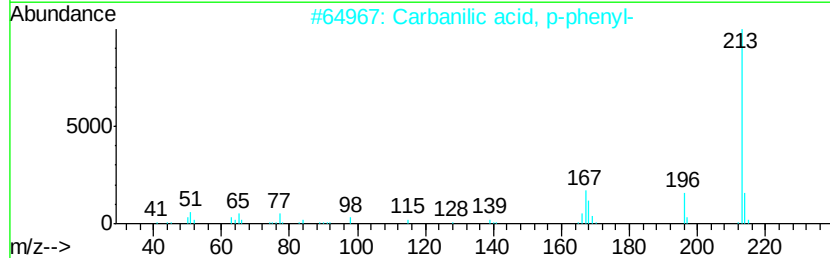
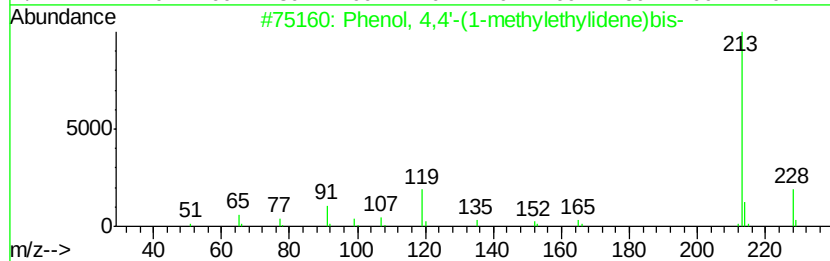
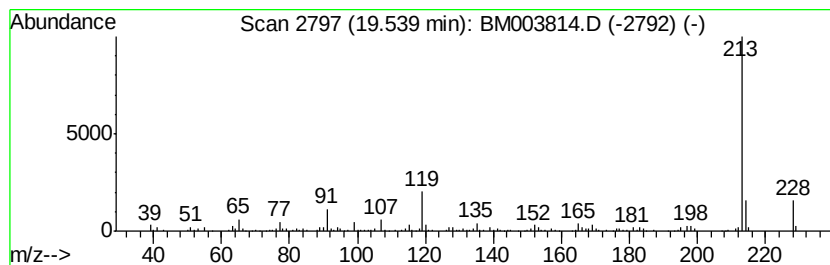
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	7.62 ng	237314	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
3		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
4		As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43
5		Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
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Operator : UM/SJ
Sample : G4956-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

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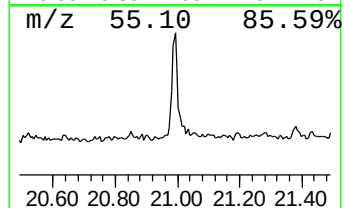
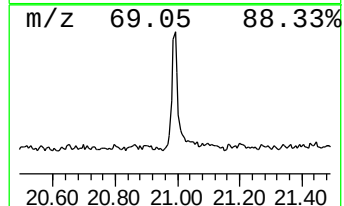
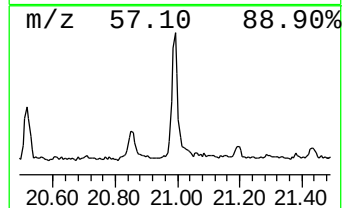
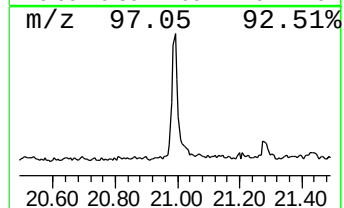
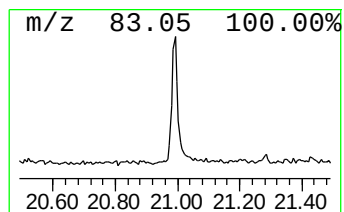
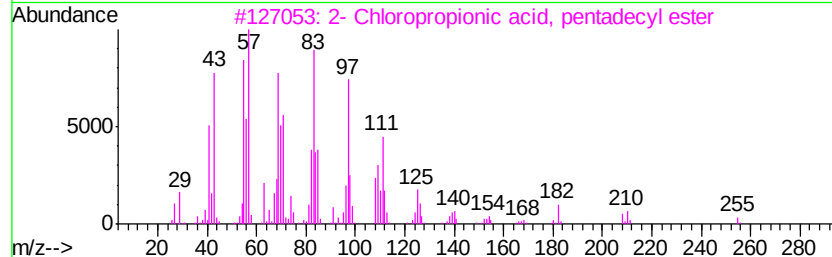
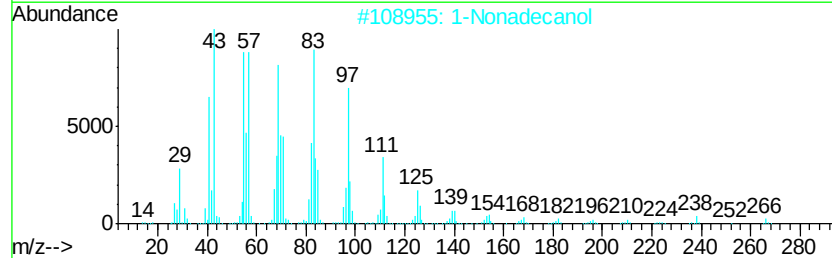
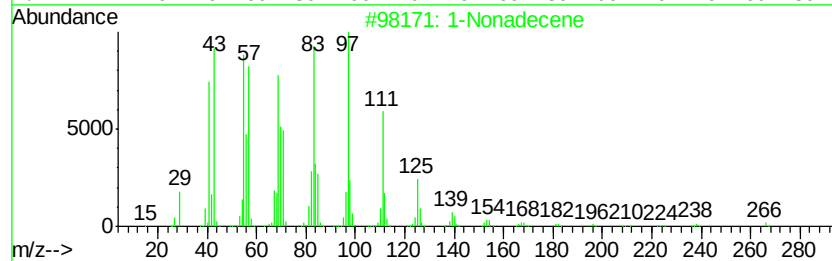
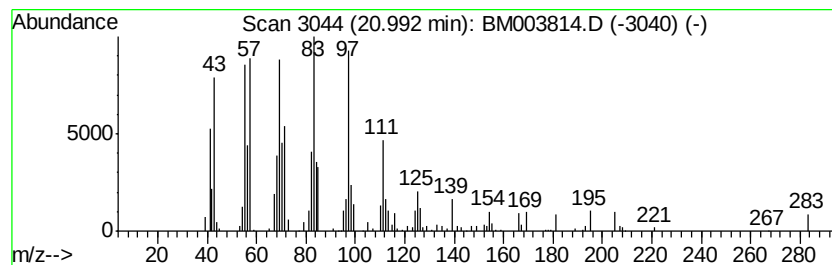
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.17 ng	67544	Chrysene-d12	21.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	94
2			1-Nonadecanol	284	C19H40O	001454-84-8	94
3			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	93
4			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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Acq On : 25 Dec 2015 13:32
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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
2-Pentanone, 4-hy...	4.80	6.8 ng		103017	1	7.68	304268	20.0
unknown7.22	7.22	85.8 ng		1305050	1	7.68	304268	20.0
unknown12.16	12.16	3.3 ng		69999	2	10.47	428543	20.0
2-Carboxycinnamic...	14.93	2.2 ng		55991	3	14.33	516981	20.0
1-Naphthalenecarb...	15.70	6.3 ng		163060	3	14.33	516981	20.0
unknown17.44	17.44	2.1 ng		54240	4	17.08	516394	20.0
Phenol, 4,4'-(1-m...	19.54	7.6 ng		237314	5	21.28	622501	20.0
1-Nonadecene	20.99	2.2 ng		67544	5	21.28	622501	20.0