

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077031.D
 Acq On : 23 Jan 2015 4:34
 Operator : TP/IZ
 Sample : G1148-01
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-A

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-BF011415.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	1.350	21	23	28	rBV	3301	6206	1.01%	0.103%
2	1.430	28	30	37	rVV	22587	52387	8.56%	0.866%
3	2.733	141	144	149	rBV	11057	23830	3.89%	0.394%
4	3.944	248	250	264	rVB	57577	134739	22.01%	2.227%
5	4.893	330	333	344	rBV	270472	502965	82.18%	8.314%
6	7.247	536	539	544	rBV	281933	503775	82.31%	8.328%
7	7.339	544	547	554	rVB	340916	557603	91.11%	9.218%
8	7.853	588	592	599	rBV	87149	138713	22.66%	2.293%
9	8.173	616	620	624	rBV	255546	396037	64.71%	6.547%
10	9.145	702	705	714	rBV	197571	323066	52.78%	5.341%
11	10.756	843	846	850	rBV	126359	197229	32.22%	3.260%
12	12.231	973	975	978	rVB	15162	21891	3.58%	0.362%
13	13.408	1075	1078	1082	rBV	349711	575592	94.04%	9.515%
14	14.482	1169	1172	1175	rBV	25641	41377	6.76%	0.684%
15	14.883	1204	1207	1211	rBV	129973	208253	34.03%	3.443%
16	16.528	1348	1351	1353	rBV	67416	81199	13.27%	1.342%
17	16.586	1353	1356	1359	rVB	283482	374401	61.17%	6.189%
18	17.694	1450	1453	1455	rBV	169004	218625	35.72%	3.614%
19	18.689	1537	1540	1546	rVB	7093	9166	1.50%	0.152%
20	19.374	1598	1600	1602	rBV	21351	24834	4.06%	0.411%
21	19.660	1622	1625	1627	rBV	16490	22695	3.71%	0.375%
22	19.820	1637	1639	1643	rBV	14425	24615	4.02%	0.407%
23	19.923	1645	1648	1651	rVB	570361	612044	100.00%	10.118%
24	21.192	1755	1759	1766	rBV	227858	383462	62.65%	6.339%
25	21.592	1791	1794	1797	rBV4	4439	9807	1.60%	0.162%
26	21.969	1824	1827	1834	rBV4	7192	21419	3.50%	0.354%
27	22.403	1863	1865	1866	rBV	7115	9614	1.57%	0.159%
28	22.426	1866	1867	1874	rVB	14646	25272	4.13%	0.418%
29	22.540	1874	1877	1881	rBV5	2754	6532	1.07%	0.108%
30	22.712	1889	1892	1896	rVB2	7943	21744	3.55%	0.359%
31	22.780	1896	1898	1900	rBV	11970	15303	2.50%	0.253%
32	22.838	1900	1903	1906	rBV	183832	211147	34.50%	3.490%
33	23.066	1920	1923	1925	rBV3	8454	13687	2.24%	0.226%
34	23.421	1952	1954	1956	rBV2	16801	28315	4.63%	0.468%

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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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.466	1956	1958	1965	rVB4	17793	45330	7.41%	0.749%
36	23.809	1984	1988	1989	rBV2	9761	19820	3.24%	0.328%
37	24.129	2014	2016	2018	rBV3	6242	10567	1.73%	0.175%
38	24.221	2023	2024	2027	rBV3	6461	14935	2.44%	0.247%
39	24.381	2036	2038	2042	rBV4	12001	29932	4.89%	0.495%
40	24.461	2042	2045	2046	rBV2	8153	11184	1.83%	0.185%
41	24.563	2049	2054	2057	rBV3	26543	62702	10.24%	1.037%
42	24.929	2083	2086	2090	rVB4	19160	37509	6.13%	0.620%
43	25.021	2093	2094	2099	rVB5	5488	11720	1.91%	0.194%
44	25.615	2143	2146	2147	rBV3	4485	8069	1.32%	0.133%

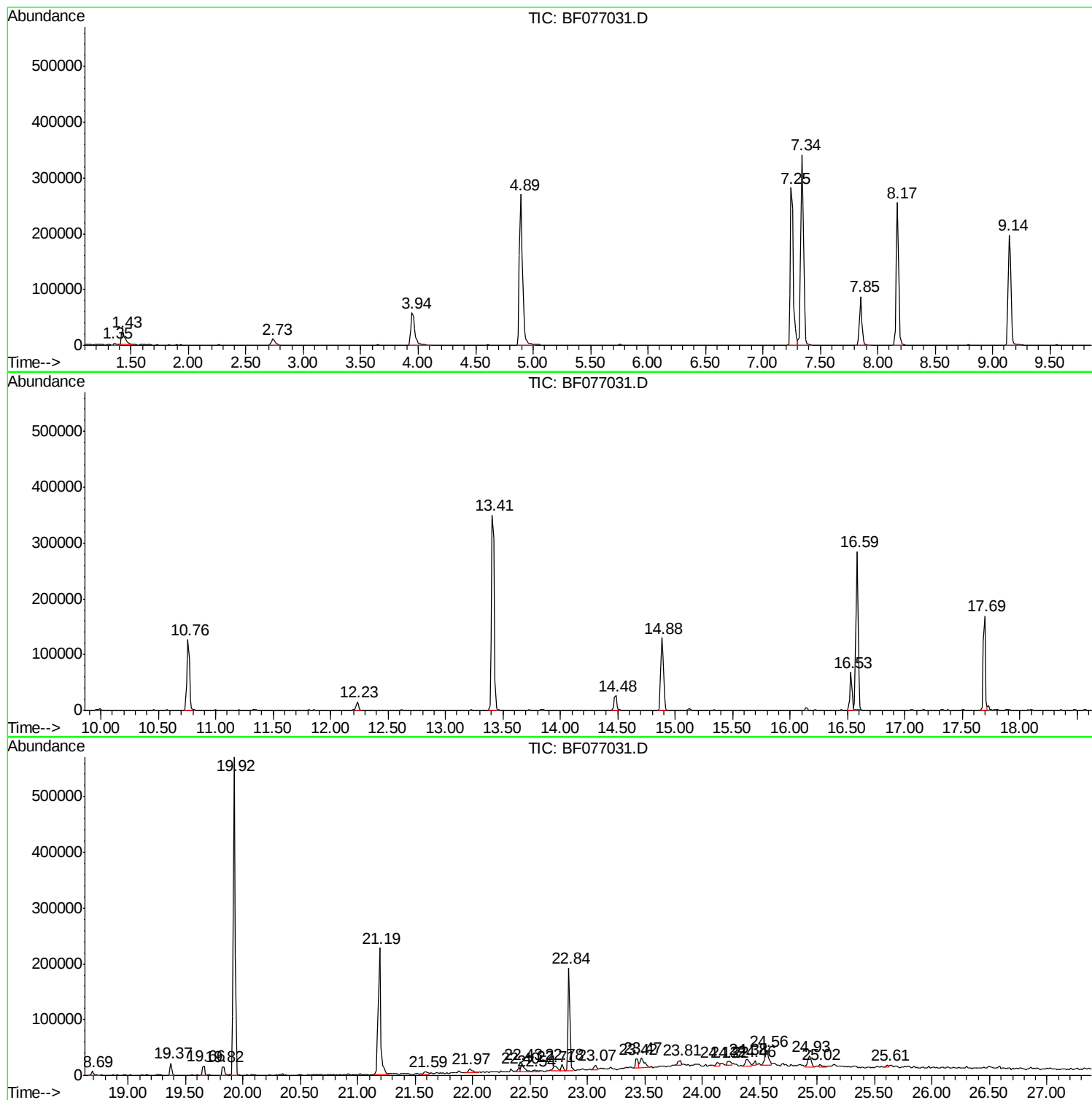
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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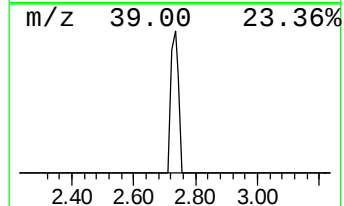
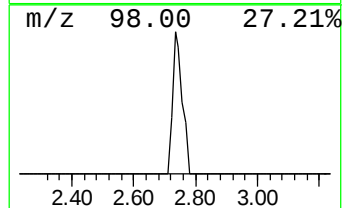
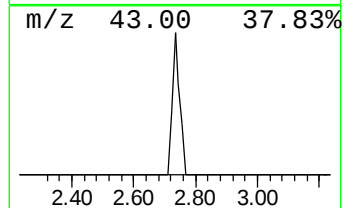
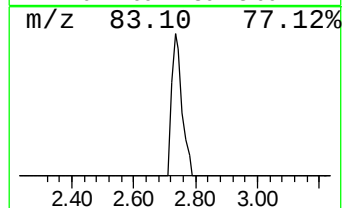
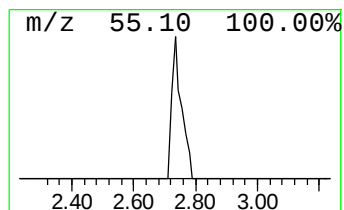
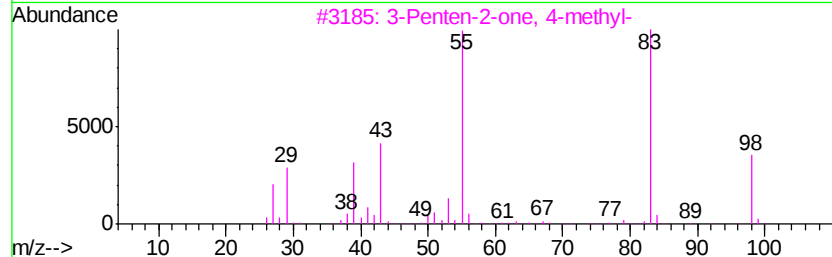
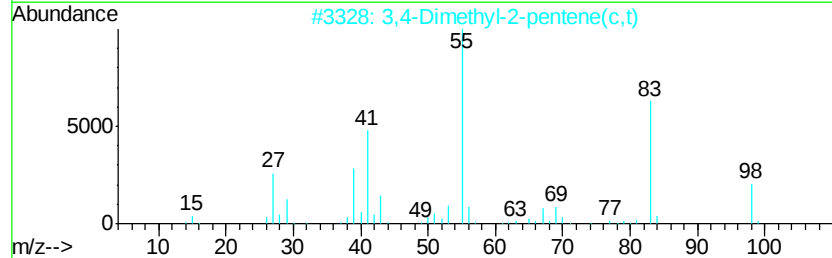
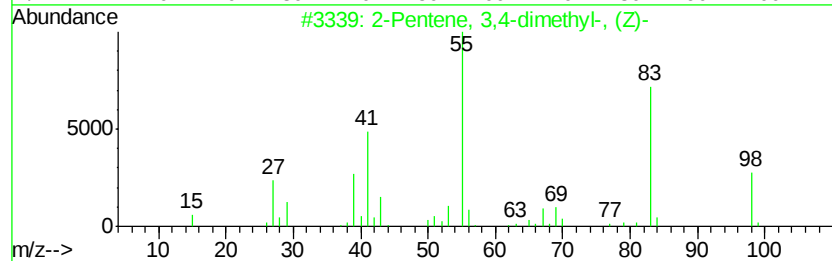
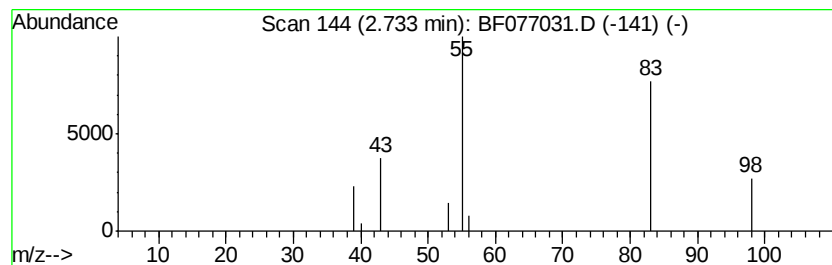
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentene, 3,4-dimethyl-, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	3.44 ng	23830	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
2		3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	90
3		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	83
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	83



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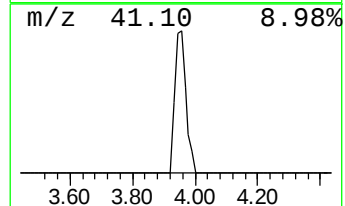
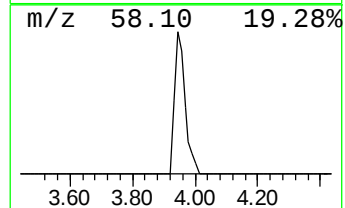
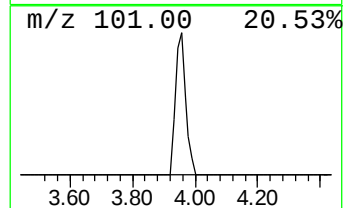
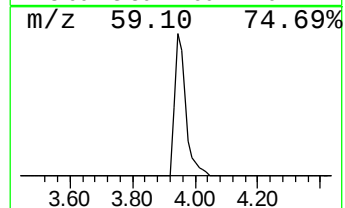
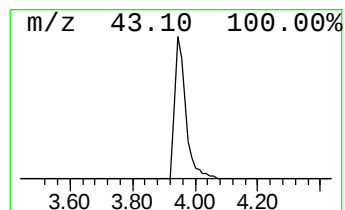
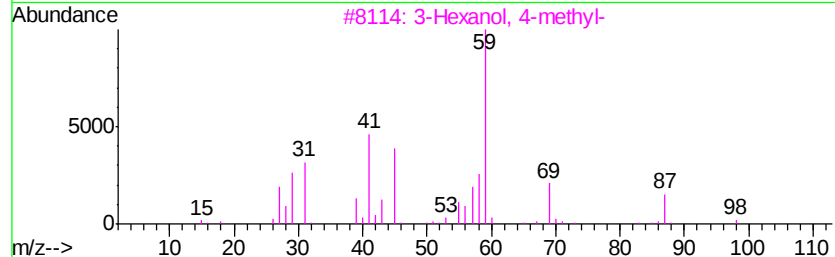
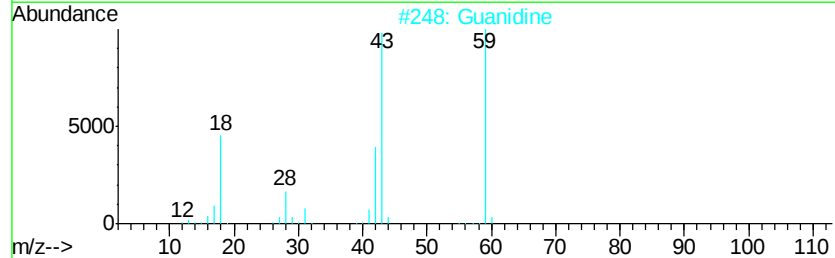
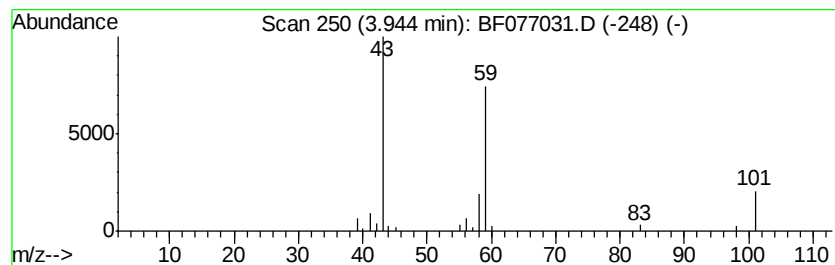
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	19.43 ng	134739	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Guanidine	59	CH5N3	000113-00-8	47
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	36
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	28



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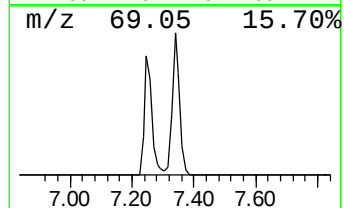
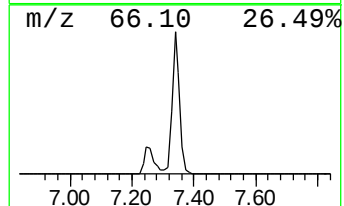
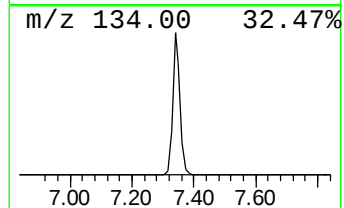
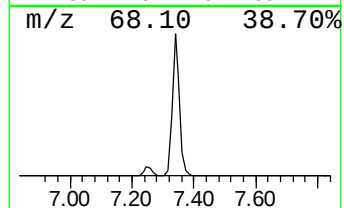
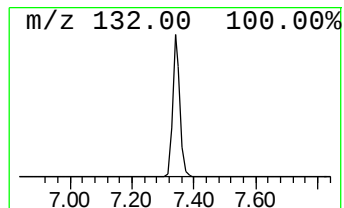
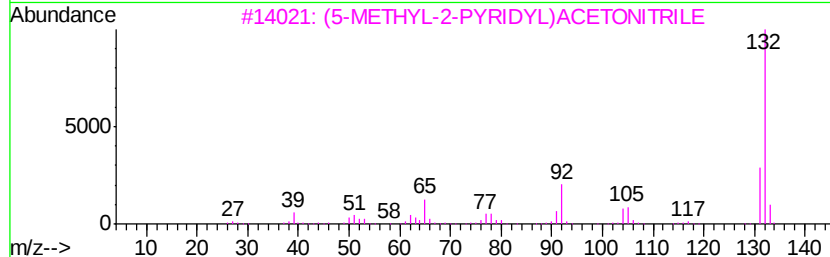
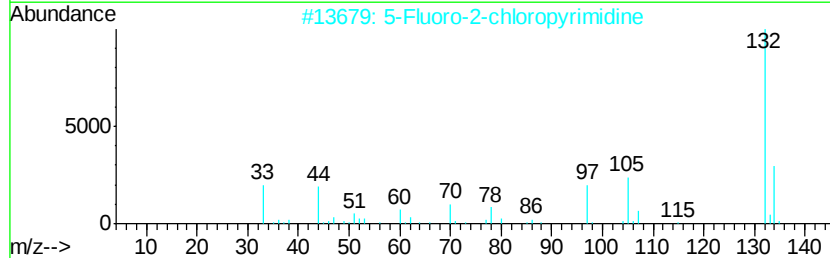
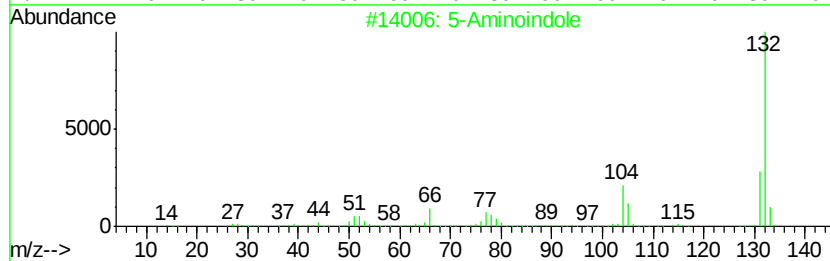
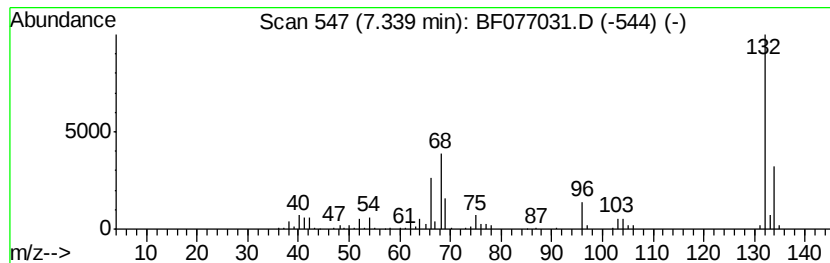
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.34	80.40 ng	557603	1,4-Dichlorobenzene-d4	7.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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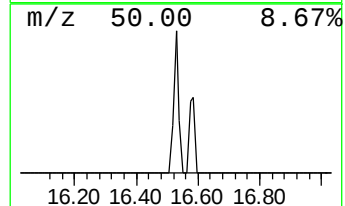
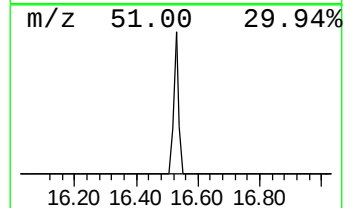
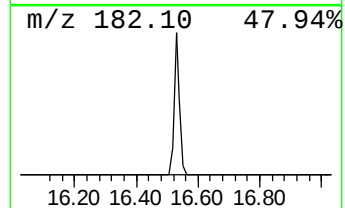
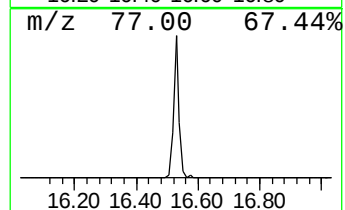
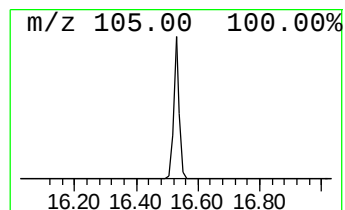
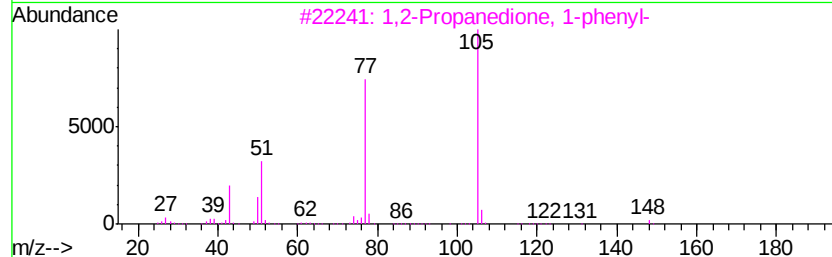
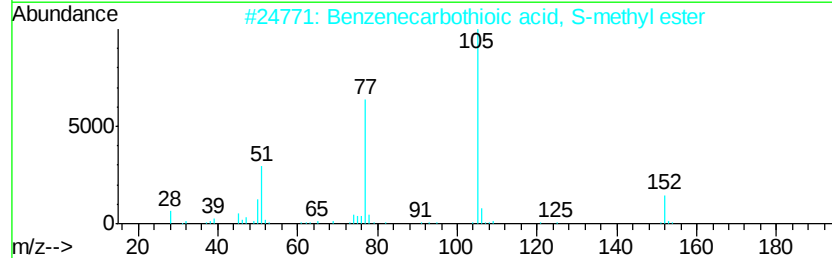
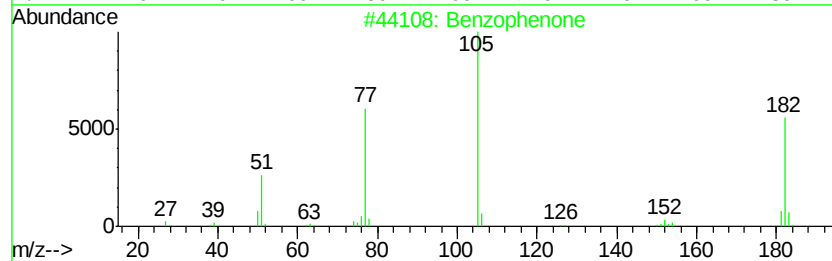
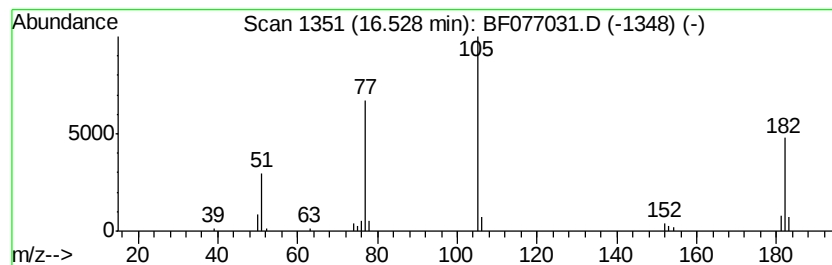
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.53	7.43 ng	81199	Phenanthrene-d10	17.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	47



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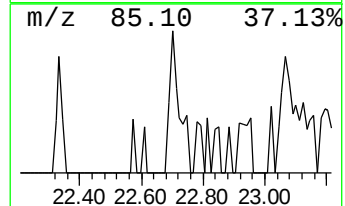
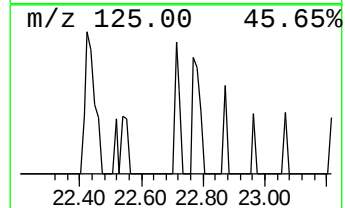
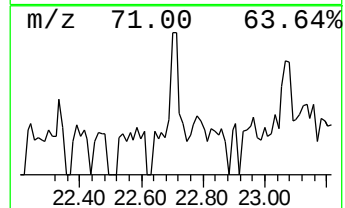
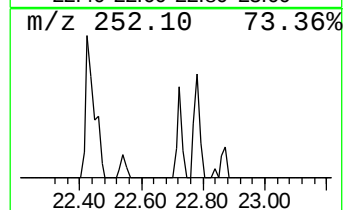
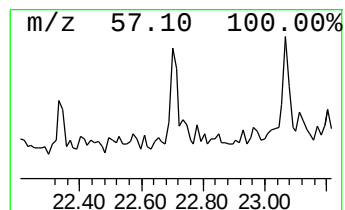
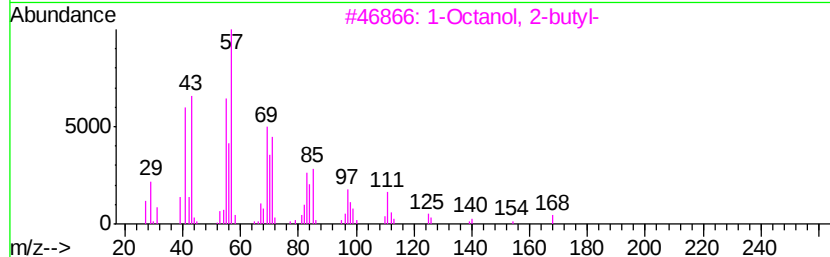
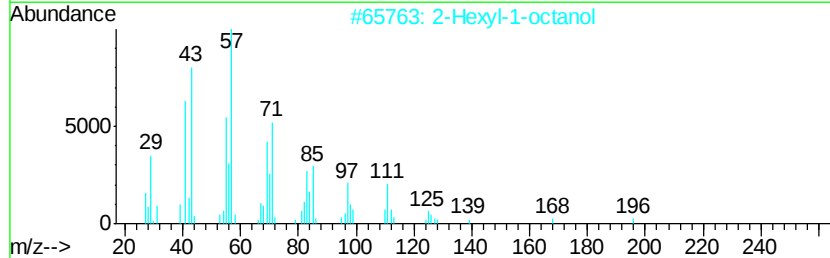
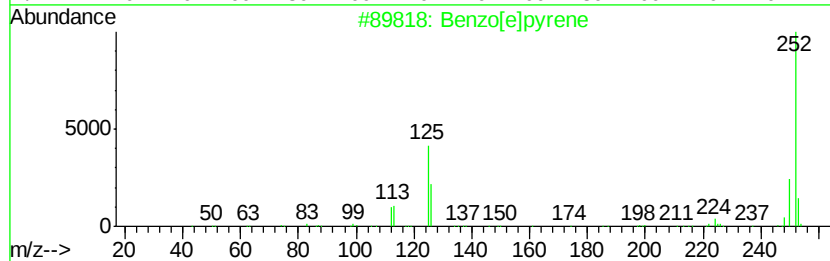
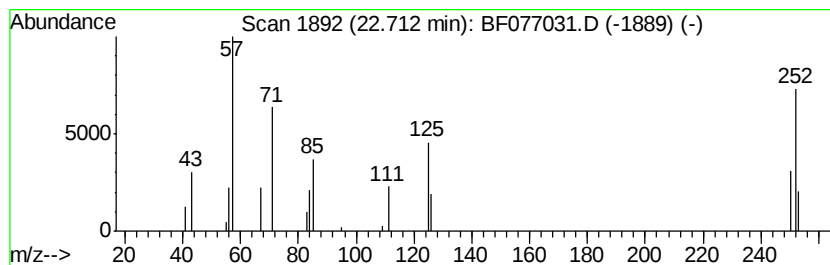
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown22.71 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.06 ng	21744	Perylene-d12	22.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	38
2		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	12
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	10
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	10
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012215\
Data File : BF077031.D
Acq On : 23 Jan 2015 4:34
Operator : TP/IZ
Sample : G1148-01
Misc : S
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

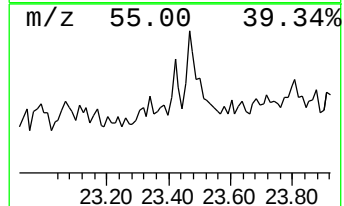
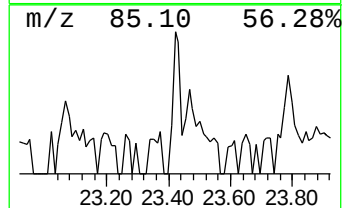
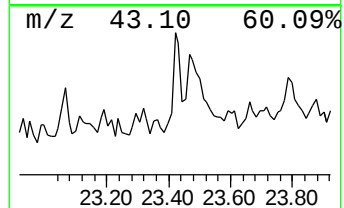
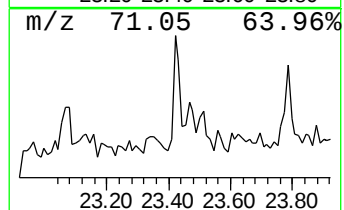
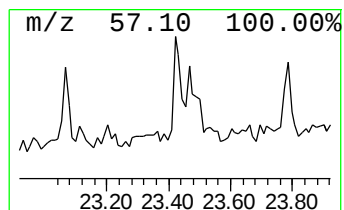
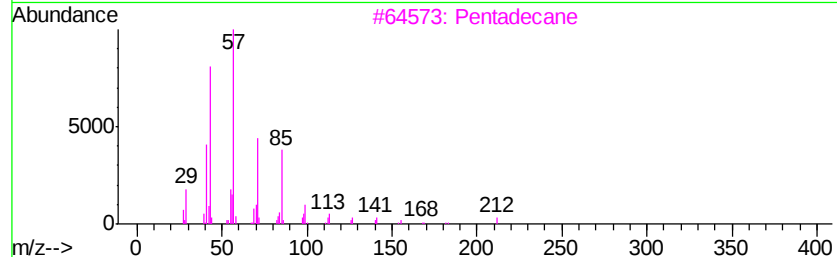
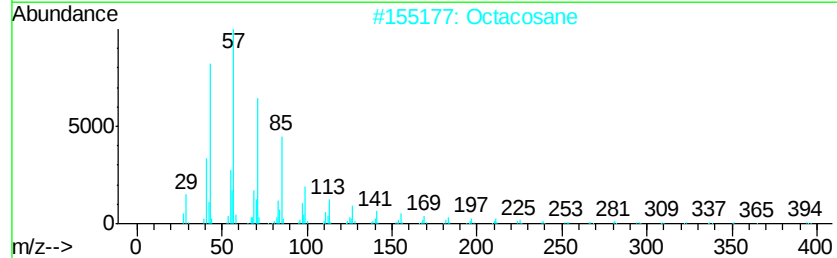
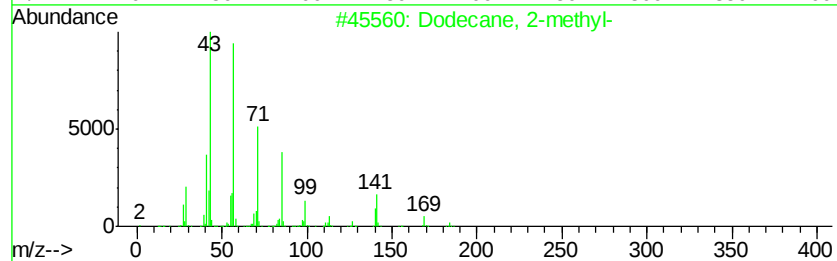
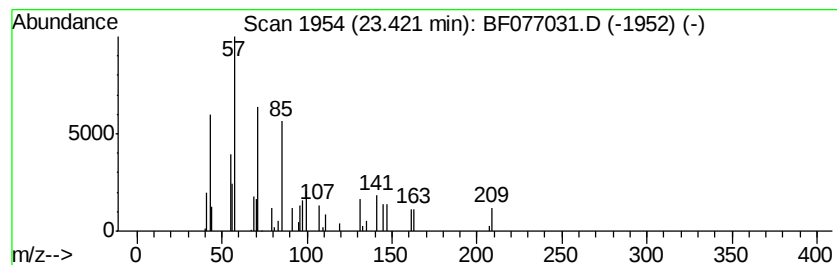
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	2.68 ng	28315	Perylene-d12	22.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
2		Octacosane	394	C28H58	000630-02-4	47
3		Pentadecane	212	C15H32	000629-62-9	47
4		Tetratriacontane	479	C34H70	014167-59-0	47
5		triacontane	422	C30H62	000638-68-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012215\
Data File : BF077031.D
Acq On : 23 Jan 2015 4:34
Operator : TP/IZ
Sample : G1148-01
Misc : S
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

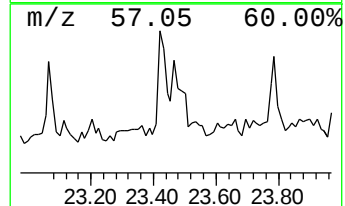
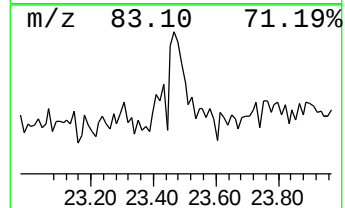
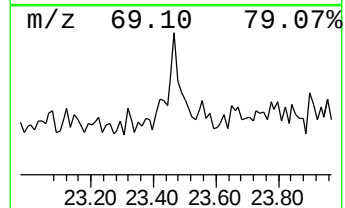
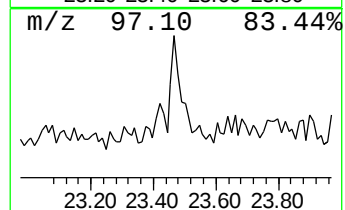
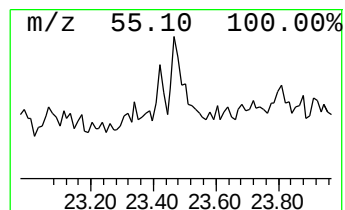
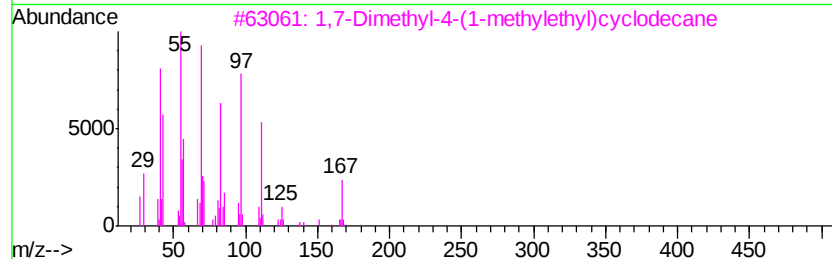
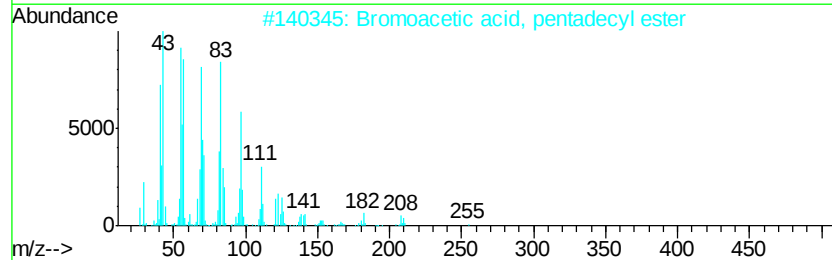
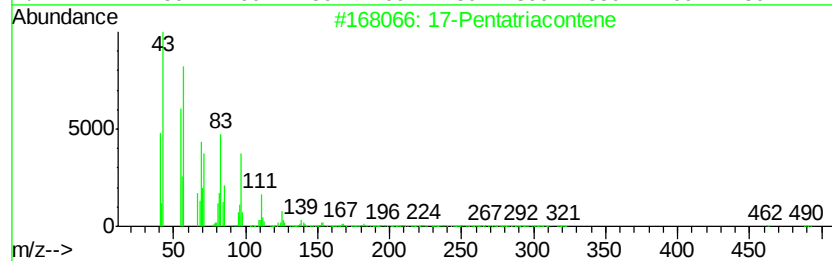
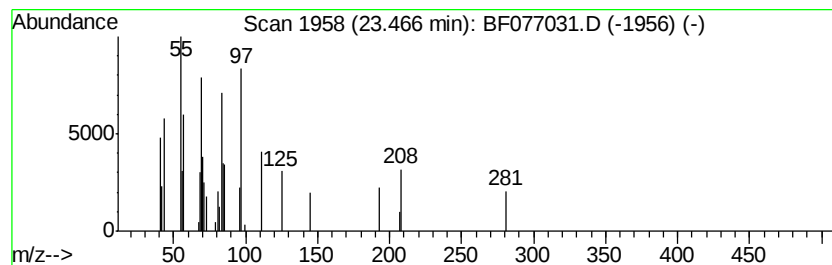
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	4.29 ng	45330	Perylene-d12	22.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	50
2		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	47
3		1,7-Dimethyl-4-(1-methylethyl)cyclodecane	210	C15H30	000645-10-3	47
4		Cyclohexane, 1,2,4,5-tetraethyl-	196	C14H28	061142-24-3	47
5		Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
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Acq On : 23 Jan 2015 4:34
Operator : TP/IZ
Sample : G1148-01
Misc : S
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

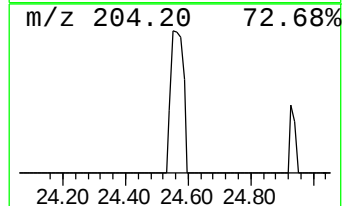
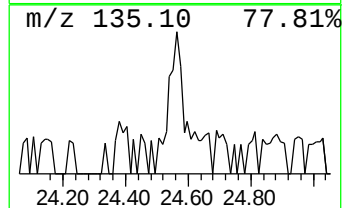
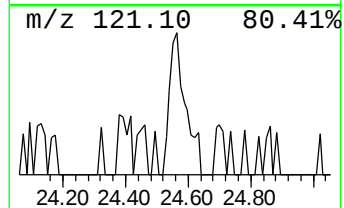
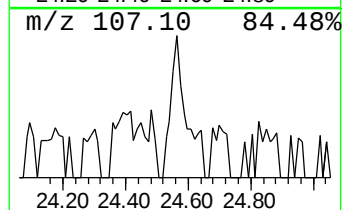
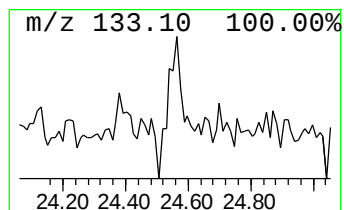
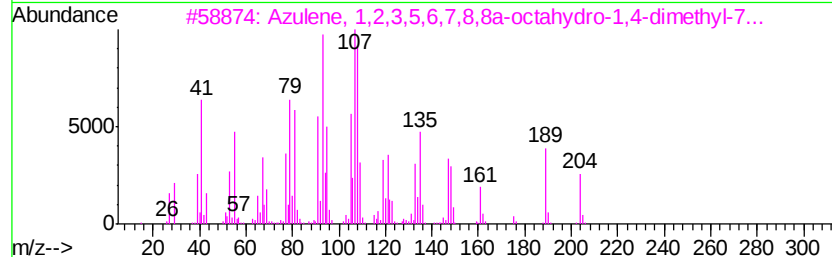
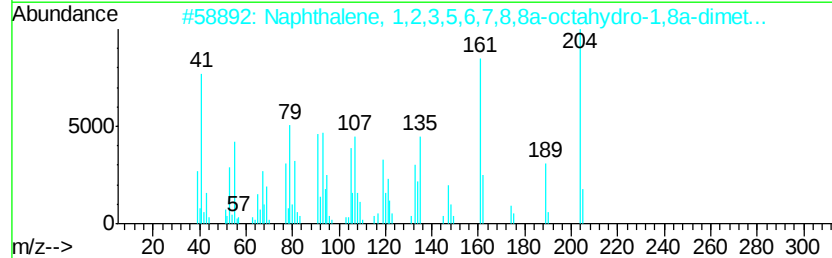
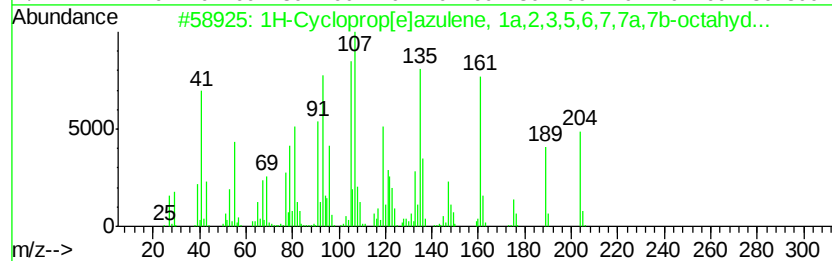
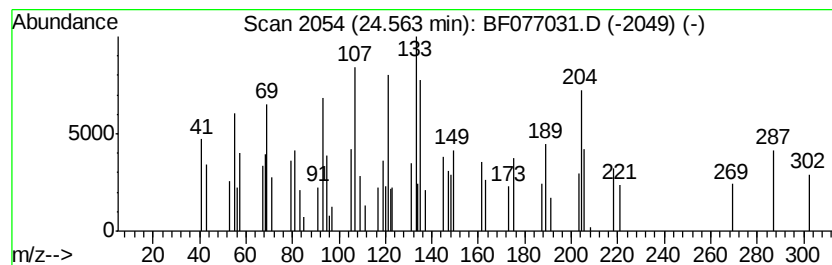
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown24.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.56	5.94 ng	62702	Perylene-d12	22.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cycloprop[elazulene, 1a,2,3,5...	204	C15H24	021747-46-6	46
2		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
3		Azulene, 1,2,3,5,6,7,8,8a-octahv...	204	C15H24	003691-11-0	38
4		1H-Cycloprop[elazulene, 1a,2,3,4...	204	C15H24	000489-40-7	38
5		.beta.-Elemenone	218	C15H22O	020303-60-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012215\
Data File : BF077031.D
Acq On : 23 Jan 2015 4:34
Operator : TP/IZ
Sample : G1148-01
Misc : S
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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-Pentene, 3,4-di...	2.73	3.4	ng	23830	1	7.85	138713	20.0
2-Pentanone, 4-hy...	3.94	19.4	ng	134739	1	7.85	138713	20.0
unknown7.34	7.34	80.4	ng	557603	1	7.85	138713	20.0
Benzophenone	16.53	7.4	ng	81199	4	17.69	218625	20.0
unknown22.71	22.71	2.1	ng	21744	6	22.84	211147	20.0
Dodecane, 2-methyl-	23.42	2.7	ng	28315	6	22.84	211147	20.0
17-Pentatriacontene	23.47	4.3	ng	45330	6	22.84	211147	20.0
unknown24.56	24.56	5.9	ng	62702	6	22.84	211147	20.0