

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084479.D
 Acq On : 14 Jan 2016 9:40
 Operator : SJ/UM
 Sample : H1077-02 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-2-20160108

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-BF123115.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	4.990	252	254	264	rVB	387372	564583	19.85%	1.567%
2	5.424	290	292	295	rBV	936295	1124723	39.55%	3.121%
3	6.464	381	383	386	rBV	1936106	1638592	57.62%	4.547%
4	6.601	392	395	397	rBV	1364139	1534226	53.95%	4.258%
5	6.830	413	415	417	rBV	2545914	2107819	74.12%	5.850%
6	6.990	426	429	431	rVB	1302719	1347943	47.40%	3.741%
7	7.390	462	464	467	rBV	1171538	1052536	37.01%	2.921%
8	8.121	525	528	530	rBV	2939852	2820878	99.19%	7.829%
9	8.350	544	548	551	rBV3	14519	29688	1.04%	0.082%
10	9.196	619	622	624	rBV	2155409	1878598	66.06%	5.214%
11	9.596	654	657	659	rBV	231004	296527	10.43%	0.823%
12	9.733	667	669	671	rBV	112803	104720	3.68%	0.291%
13	9.825	671	677	679	rVV3	28895	78311	2.75%	0.217%
14	9.870	679	681	683	rVV	2951578	2712785	95.39%	7.529%
15	9.905	683	684	689	rVB4	41380	45247	1.59%	0.126%
16	10.076	697	699	700	rVB2	27223	31142	1.10%	0.086%
17	10.190	705	709	712	rBV4	14492	28663	1.01%	0.080%
18	10.282	715	717	718	rBV	33246	35197	1.24%	0.098%
19	10.305	718	719	723	rVV2	56206	62329	2.19%	0.173%
20	10.419	727	729	732	rVB	32245	37395	1.31%	0.104%
21	10.659	747	750	752	rBV	356269	367515	12.92%	1.020%
22	10.785	759	761	765	rVB2	75536	113975	4.01%	0.316%
23	10.967	774	777	778	rBV3	24965	35410	1.25%	0.098%
24	11.105	787	789	792	rBV2	26940	55769	1.96%	0.155%
25	11.162	792	794	796	rVB	27141	31703	1.11%	0.088%
26	11.230	796	800	801	rBV2	85998	112837	3.97%	0.313%
27	11.253	801	802	805	rVB	44695	48475	1.70%	0.135%
28	11.356	808	811	812	rBV	2676254	2413662	84.87%	6.698%
29	11.379	812	813	815	rVV	616176	449219	15.80%	1.247%
30	11.425	815	817	819	rVB	136772	151292	5.32%	0.420%
31	11.459	819	820	822	rBV	26753	38118	1.34%	0.106%
32	11.585	829	831	835	rBV2	39449	66126	2.33%	0.184%
33	11.653	835	837	839	rVV	68120	59962	2.11%	0.166%
34	11.688	839	840	844	rVB4	25371	32611	1.15%	0.091%

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Integration Parameters: rteint.p
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 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.859	852	855	856 rBV	94169	110870	3.90%	0.308%
36	11.882	856	857	859 rVB	162823	126667	4.45%	0.352%
37	11.928	859	861	862 rBV2	66125	65331	2.30%	0.181%
38	11.962	862	864	869 rVB	158760	270122	9.50%	0.750%
39	12.065	869	873	874 rBV	40992	78759	2.77%	0.219%
40	12.156	877	881	885 rBV3	57859	185131	6.51%	0.514%
41	12.225	885	887	889 rBV3	23817	33129	1.16%	0.092%
42	12.305	891	894	895 rBV2	40809	64603	2.27%	0.179%
43	12.408	900	903	904 rVV	106965	144989	5.10%	0.402%
44	12.442	904	906	909 rVV2	78487	159529	5.61%	0.443%
45	12.488	909	910	912 rVV	90906	84340	2.97%	0.234%
46	12.568	914	917	919 rBV	959688	1019115	35.84%	2.828%
47	12.659	924	925	926 rVB	49193	33722	1.19%	0.094%
48	12.716	926	930	933 rBV4	52181	144518	5.08%	0.401%
49	12.796	933	937	939 rBV	814044	1166438	41.02%	3.237%
50	12.842	939	941	943 rVB2	49936	64075	2.25%	0.178%
51	12.911	945	947	948 rBV	54847	69567	2.45%	0.193%
52	12.933	948	949	952 rVB	1076141	1169978	41.14%	3.247%
53	13.013	953	956	960 rBV3	99761	209667	7.37%	0.582%
54	13.116	961	965	967 rVB2	123302	216957	7.63%	0.602%
55	13.185	969	971	972 rBV2	81260	77340	2.72%	0.215%
56	13.219	972	974	978 rBV2	138149	218878	7.70%	0.607%
57	13.311	980	982	984 rVB	82636	96984	3.41%	0.269%
58	13.345	984	985	987 rBV	76144	71001	2.50%	0.197%
59	13.482	995	997	999 rBV3	59752	108092	3.80%	0.300%
60	13.631	1007	1010	1012 rBV	93061	157356	5.53%	0.437%
61	13.733	1017	1019	1021 rBV	102649	183337	6.45%	0.509%
62	13.768	1021	1022	1023 rVV	98822	99936	3.51%	0.277%
63	13.836	1026	1028	1033 rVV2	75596	231307	8.13%	0.642%
64	13.985	1039	1041	1046 rBV2	1767420	2843900	100.00%	7.892%
65	14.374	1073	1075	1077 rBV	116483	169927	5.98%	0.472%
66	15.002	1128	1130	1134 rVB	465645	796466	28.01%	2.210%
67	15.219	1147	1149	1153 rBV	131297	278761	9.80%	0.774%
68	15.288	1153	1155	1158 rVV	318028	520057	18.29%	1.443%
69	15.345	1158	1160	1163 rVV	462540	792072	27.85%	2.198%
70	15.414	1163	1166	1171 rVB	1420264	1930057	67.87%	5.356%
71	16.785	1284	1286	1290 rVB2	172579	306751	10.79%	0.851%

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72	17.197	1320	1322	1327	rVB	111045	224910	7.91%	0.624%
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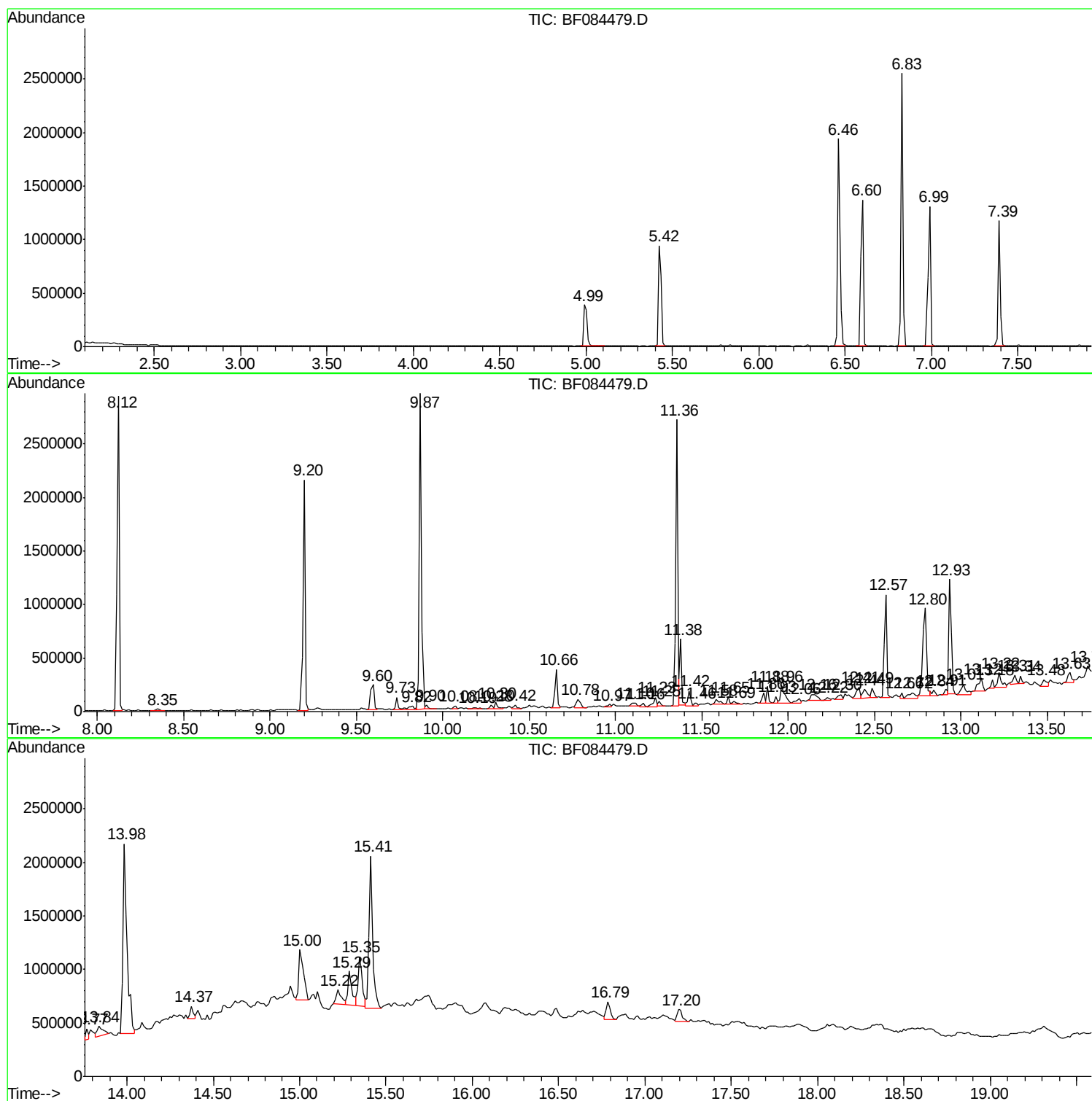
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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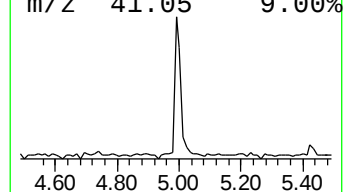
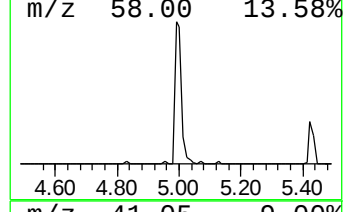
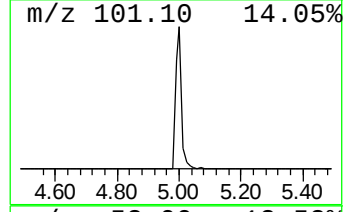
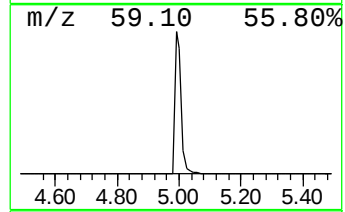
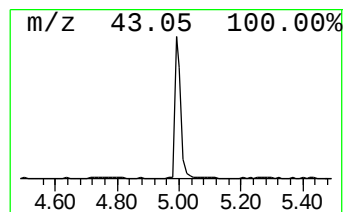
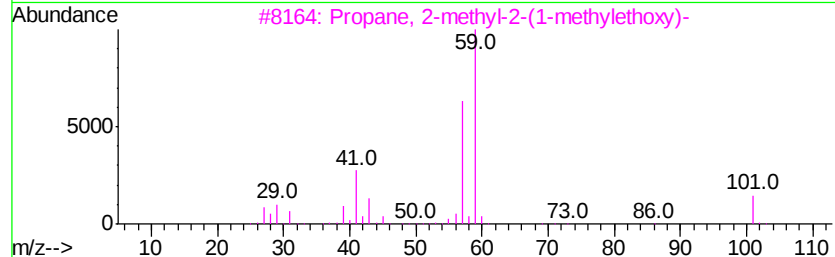
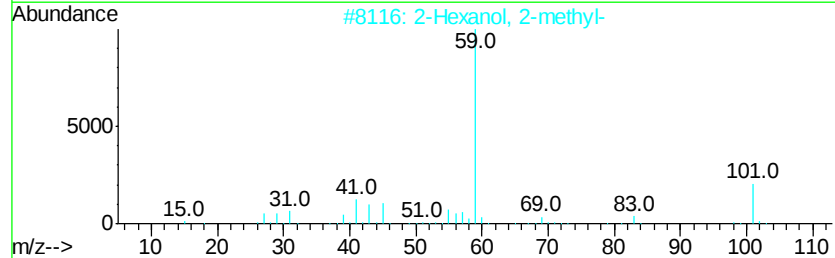
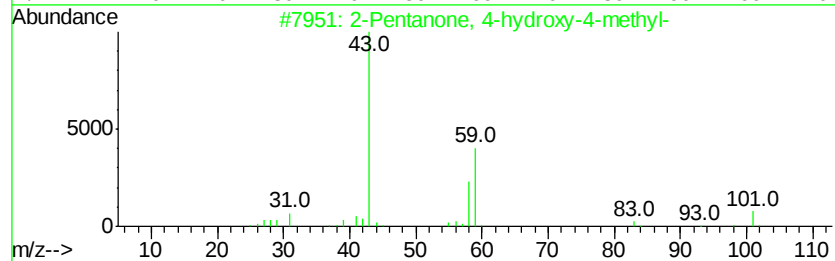
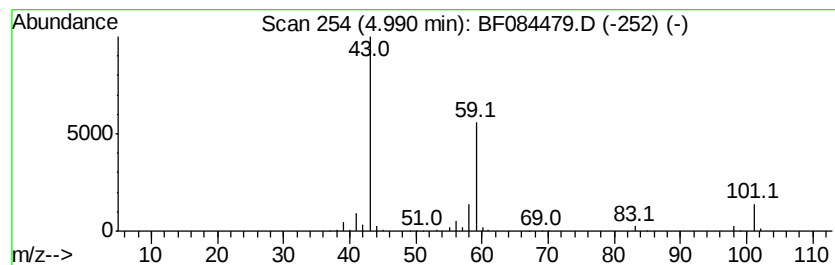
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	5.36 ng	564583	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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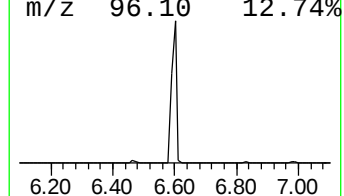
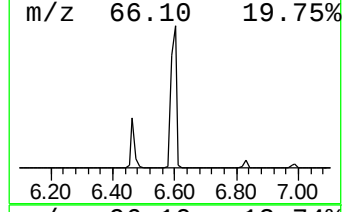
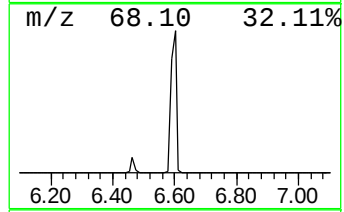
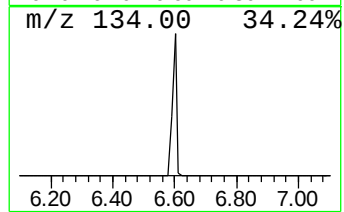
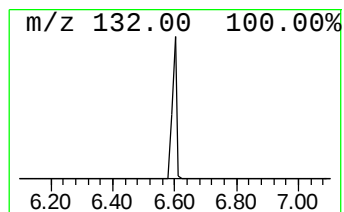
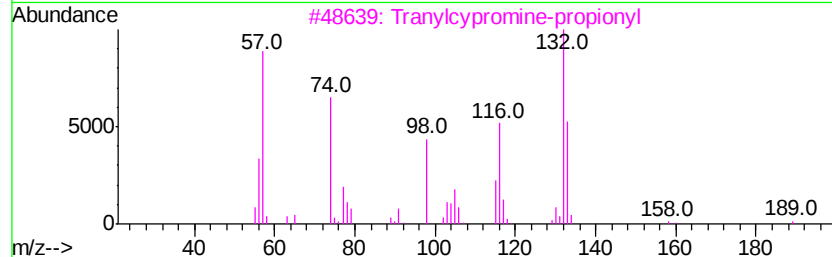
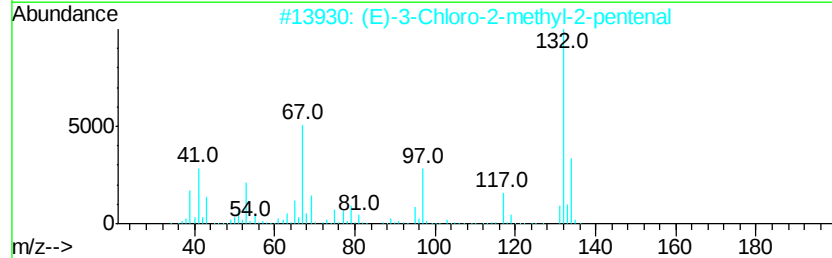
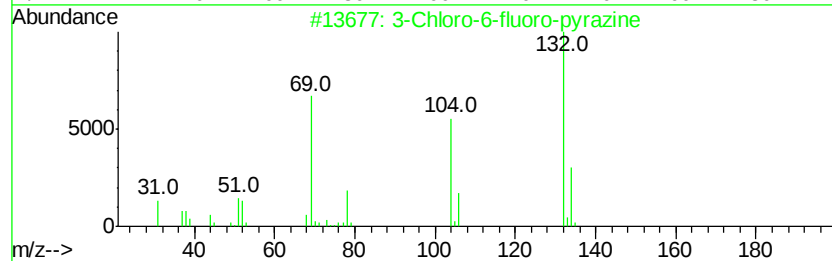
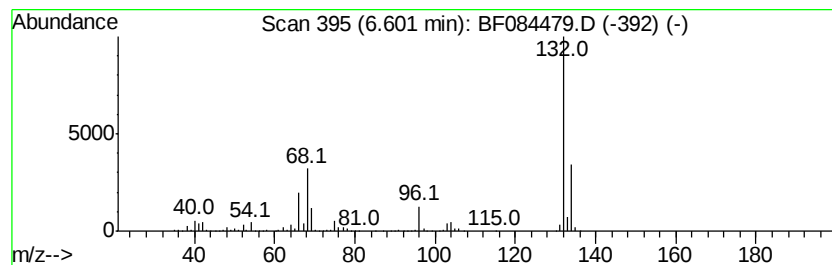
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	14.56 ng	1534230	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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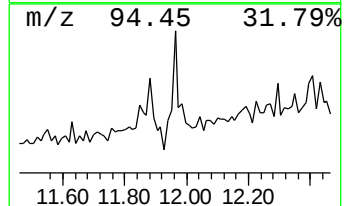
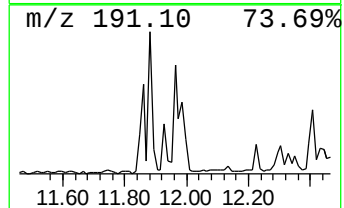
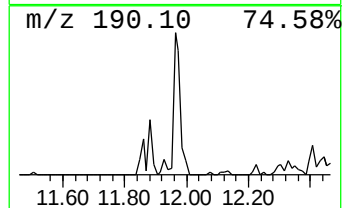
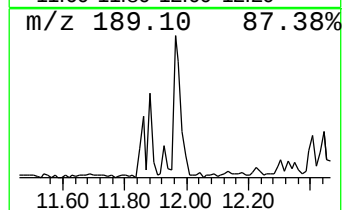
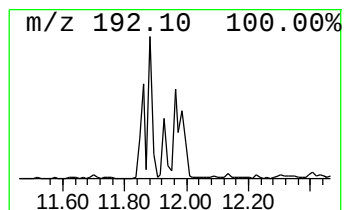
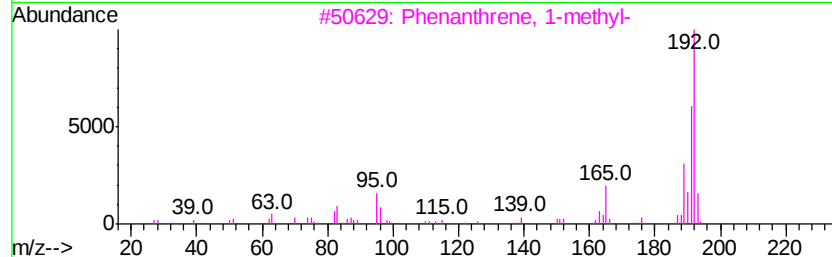
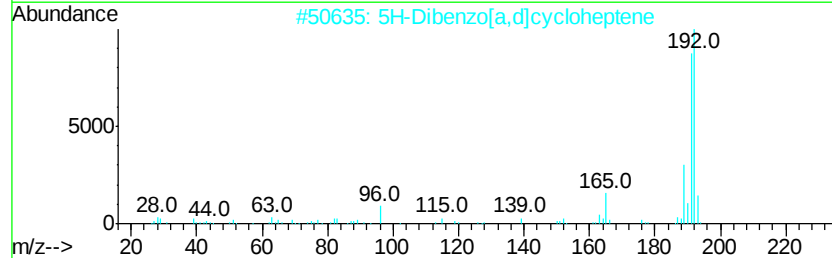
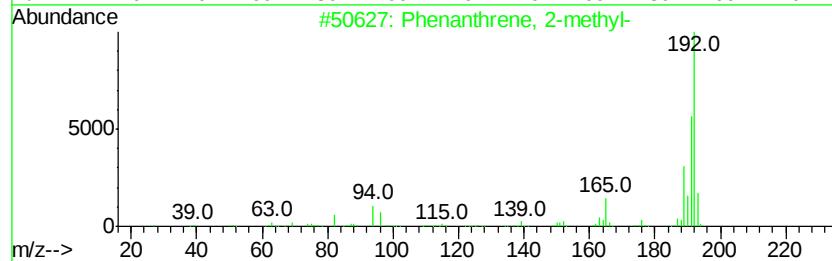
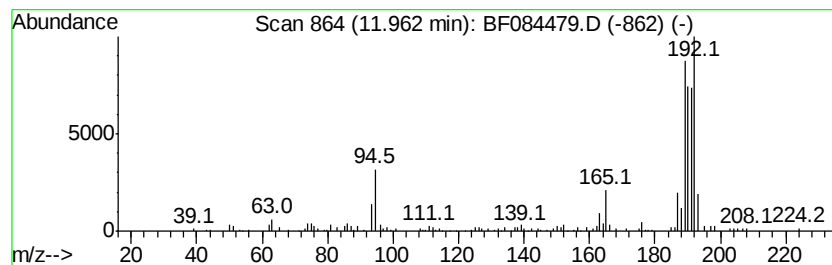
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	2.24 ng	270122	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	50
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50



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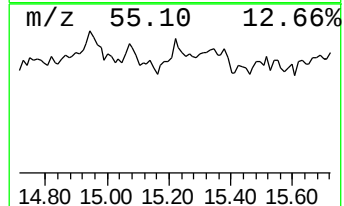
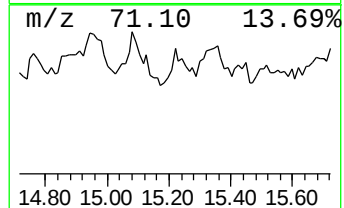
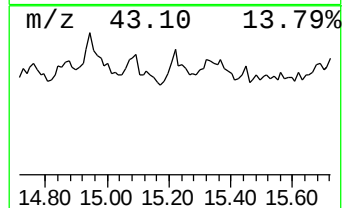
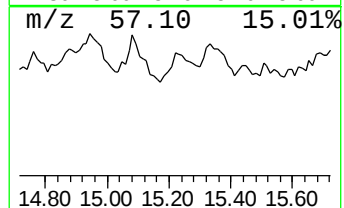
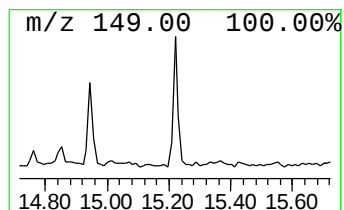
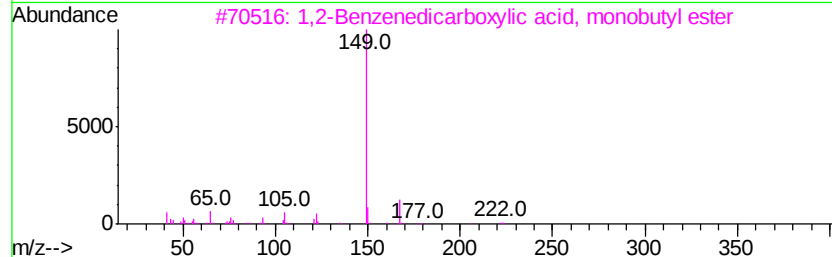
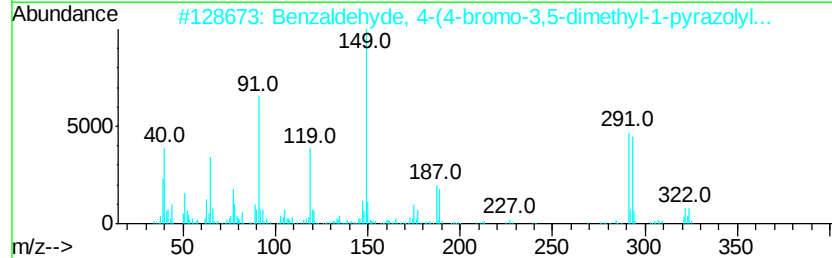
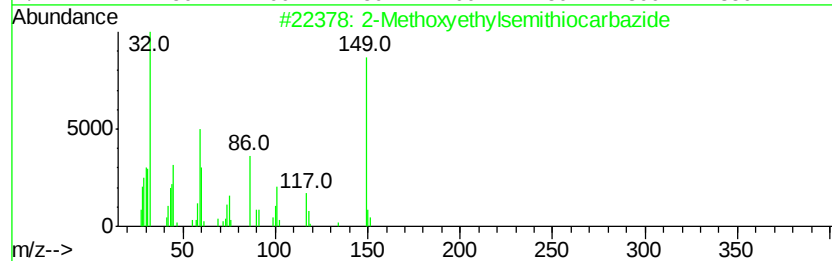
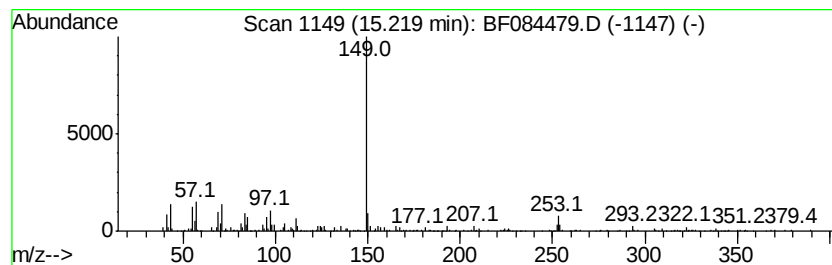
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Methoxyethylsemithiocarba... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.89 ng	278761	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methoxvethylsemithiocarbazine	149	C4H11N3OS	006926-54-1	64
2		Benzaldehyde, 4-(4-bromo-3,5-dim...	322	C14H15BrN2O2	1000273-82-0	64
3		1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	59
4		1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	59
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084479.D
Acq On : 14 Jan 2016 9:40
Operator : SJ/UM
Sample : H1077-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

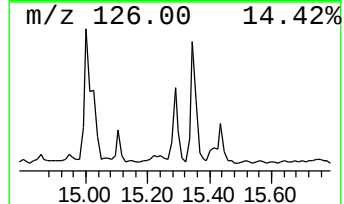
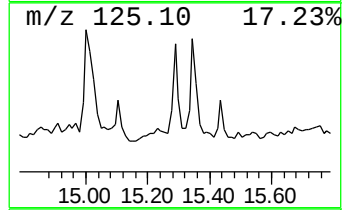
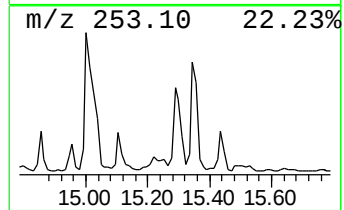
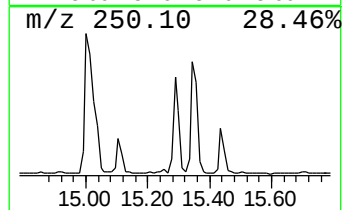
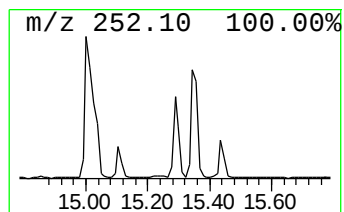
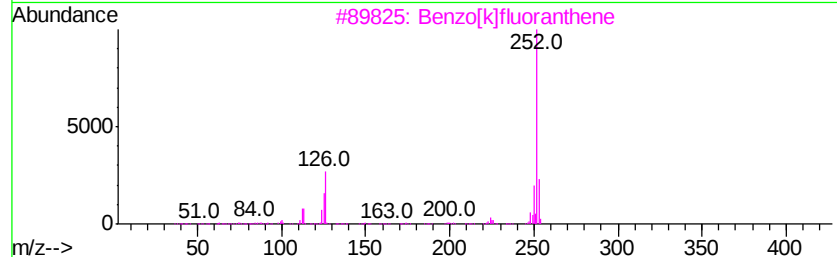
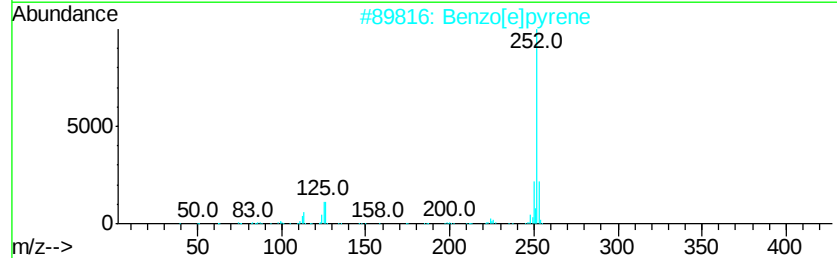
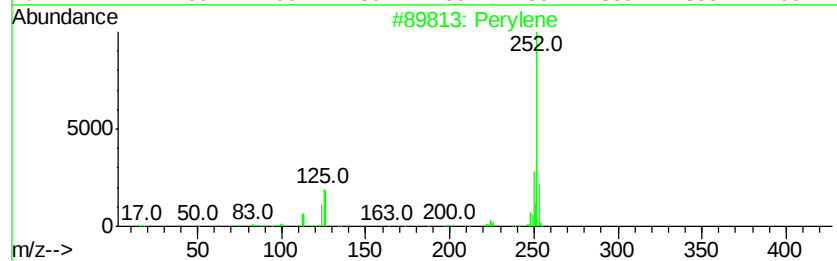
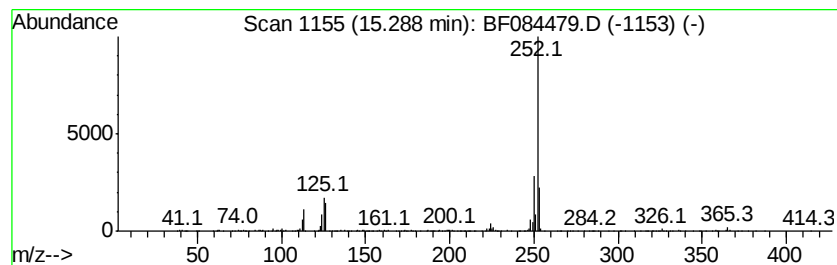
Instrument :
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ClientSampleId :
POST-EX-2-20160108

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	5.39 ng	520057	Perylene-d12	15.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Perylene	252 C20H12	000198-55-0 98
2		Benzo[e]pyrene	252 C20H12	000192-97-2 93
3		Benzo[k]fluoranthene	252 C20H12	000207-08-9 90
4		Benzo[a]pyrene	252 C20H12	000050-32-8 90
5		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084479.D
Acq On : 14 Jan 2016 9:40
Operator : SJ/UM
Sample : H1077-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-2-20160108

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	4.99	5.4	ng	564583	1	6.83	2107820	20.0
unknown6.60	6.60	14.6	ng	1534230	1	6.83	2107820	20.0
Phenanthrene, 2-m...	11.96	2.2	ng	270122	4	11.36	2413660	20.0
2-Methoxyethylsem...	15.22	2.9	ng	278761	6	15.41	1930060	20.0
Perylene	15.29	5.4	ng	520057	6	15.41	1930060	20.0