

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080011.D
 Acq On : 17 Jun 2015 4:02
 Operator : TP/IZ
 Sample : G2649-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

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-BF061115.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	5.567	215	217	220	rBV	358865	320095	25.40%	1.862%
2	5.956	249	251	254	rBV	886227	974978	77.36%	5.671%
3	6.367	285	287	289	rVB	19215	23887	1.90%	0.139%
4	6.584	304	306	310	rBV	13909	20607	1.64%	0.120%
5	6.950	336	338	340	rBV	1386941	1100271	87.30%	6.400%
6	7.122	350	353	355	rBV	905261	1049641	83.28%	6.105%
7	7.350	371	373	376	rBV	317923	265996	21.10%	1.547%
8	7.510	385	387	389	rVB	1044344	827161	65.63%	4.811%
9	7.910	419	422	424	rBV	563200	586144	46.51%	3.409%
10	8.642	484	486	488	rBV	449427	358852	28.47%	2.087%
11	9.716	578	580	582	rVB	1384510	1086157	86.18%	6.318%
12	10.070	609	611	612	rBV	9618	13399	1.06%	0.078%
13	10.105	612	614	615	rBV	118985	98423	7.81%	0.572%
14	10.276	627	629	631	rBV	25727	25371	2.01%	0.148%
15	10.413	639	641	643	rBV	489736	405675	32.19%	2.360%
16	10.825	673	677	680	rVB	12508	15697	1.25%	0.091%
17	10.962	688	689	693	rVB	20499	20034	1.59%	0.117%
18	11.202	708	710	713	rBV2	768992	787940	62.52%	4.583%
19	11.293	717	718	724	rVB	10652	24711	1.96%	0.144%
20	11.522	732	738	739	rBV	8702	14770	1.17%	0.086%
21	11.751	757	758	760	rBV	17637	13963	1.11%	0.081%
22	11.922	771	773	777	rBV2	456407	666751	52.90%	3.878%
23	11.991	777	779	781	rVV	41369	45390	3.60%	0.264%
24	12.025	781	782	784	rVV	20568	16577	1.32%	0.096%
25	12.105	787	789	791	rVB2	15888	19047	1.51%	0.111%
26	12.436	815	818	819	rBV	60077	65252	5.18%	0.380%
27	12.459	819	820	823	rVV	81272	80246	6.37%	0.467%
28	12.516	823	825	826	rVV	15280	19227	1.53%	0.112%
29	12.551	826	828	832	rVB2	73220	137451	10.91%	0.800%
30	12.734	842	844	850	rVB4	19378	39086	3.10%	0.227%
31	12.894	856	858	860	rBV2	12837	19809	1.57%	0.115%
32	12.928	860	861	863	rVV	18067	24667	1.96%	0.143%
33	13.008	866	868	870	rBV	48235	65855	5.23%	0.383%
34	13.054	870	872	875	rVV2	27803	56105	4.45%	0.326%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.111	875	877	882	rVB2	22049	46573	3.70%	0.271%
36	13.191	882	884	886	rBV	349191	311604	24.72%	1.813%
37	13.362	897	899	902	rBV3	15168	21405	1.70%	0.125%
38	13.442	902	906	909	rBV	347884	409198	32.47%	2.380%
39	13.499	909	911	913	rVB	21275	24057	1.91%	0.140%
40	13.591	916	919	921	rVV	1293074	1260355	100.00%	7.331%
41	13.682	924	927	931	rBV3	32475	64335	5.10%	0.374%
42	13.808	934	938	942	rBV	66111	109904	8.72%	0.639%
43	13.888	942	945	947	rBV	41983	47963	3.81%	0.279%
44	13.934	947	949	950	rBV	60811	59964	4.76%	0.349%
45	14.037	956	958	960	rBV	44668	46434	3.68%	0.270%
46	14.071	960	961	967	rVB	40737	67739	5.37%	0.394%
47	14.174	967	970	971	rBV2	9690	14117	1.12%	0.082%
48	14.299	980	981	985	rVB2	10335	14100	1.12%	0.082%
49	14.402	985	990	993	rBV2	24814	50883	4.04%	0.296%
50	14.540	998	1002	1004	rBV4	28926	59008	4.68%	0.343%
51	14.574	1004	1005	1006	rVV	24798	17848	1.42%	0.104%
52	14.631	1006	1010	1015	rVV4	90305	219928	17.45%	1.279%
53	14.745	1017	1020	1022	rVV2	12471	19167	1.52%	0.111%
54	14.837	1025	1028	1030	rVV2	482220	767962	60.93%	4.467%
55	14.871	1030	1031	1036	rVV	151980	184829	14.66%	1.075%
56	14.974	1039	1040	1042	rVV	18093	18250	1.45%	0.106%
57	15.031	1042	1045	1047	rVV3	18159	31672	2.51%	0.184%
58	15.122	1051	1053	1055	rBV3	9134	16647	1.32%	0.097%
59	15.248	1061	1064	1065	rBV3	9328	14308	1.14%	0.083%
60	15.328	1068	1071	1073	rVV	45853	79437	6.30%	0.462%
61	15.374	1073	1075	1077	rVV	35096	42604	3.38%	0.248%
62	15.431	1077	1080	1084	rVV3	95070	173301	13.75%	1.008%
63	15.500	1084	1086	1087	rVV	29193	42304	3.36%	0.246%
64	15.591	1090	1094	1096	rVV2	13181	26565	2.11%	0.155%
65	15.762	1107	1109	1113	rBV5	8440	15726	1.25%	0.091%
66	15.831	1113	1115	1117	rBV2	20645	29487	2.34%	0.172%
67	15.934	1121	1124	1125	rBV	21947	30273	2.40%	0.176%
68	15.968	1125	1127	1129	rVB3	9271	13406	1.06%	0.078%
69	16.014	1129	1131	1132	rBV2	12639	16400	1.30%	0.095%
70	16.163	1141	1144	1150	rBV	113759	292748	23.23%	1.703%
71	16.265	1150	1153	1159	rVB2	230049	371529	29.48%	2.161%

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72	16.551	1175	1178	1181	rBV	74320	110150	8.74%	0.641%
73	16.631	1182	1185	1189	rVB	76728	131864	10.46%	0.767%
74	16.711	1189	1192	1194	rBV	328480	524047	41.58%	3.048%
75	17.020	1216	1219	1221	rVB3	17967	28981	2.30%	0.169%
76	17.111	1225	1227	1230	rVV2	12626	23716	1.88%	0.138%
77	17.180	1230	1233	1237	rVB3	28078	60069	4.77%	0.349%
78	17.328	1242	1246	1249	rBV	109885	209163	16.60%	1.217%
79	17.386	1249	1251	1253	rVV3	14116	20029	1.59%	0.117%
80	17.523	1261	1263	1269	rVB6	15949	33900	2.69%	0.197%
81	17.671	1273	1276	1280	rVB	41585	90655	7.19%	0.527%
82	18.357	1332	1336	1340	rBV3	27608	72122	5.72%	0.420%
83	18.574	1351	1355	1360	rBV2	35384	100611	7.98%	0.585%
84	18.849	1376	1379	1384	rVB6	17087	53226	4.22%	0.310%
85	19.134	1399	1404	1409	rVB2	33307	104078	8.26%	0.605%
86	19.363	1420	1424	1430	rBV3	75443	243914	19.35%	1.419%
87	19.466	1430	1433	1442	rVB8	35544	119506	9.48%	0.695%
88	19.649	1446	1449	1454	rVB2	49021	121564	9.65%	0.707%
89	19.786	1458	1461	1467	rVV6	33980	99934	7.93%	0.581%
90	19.957	1472	1476	1480	rVV4	29914	102696	8.15%	0.597%
91	20.094	1484	1488	1496	rVB5	74209	267816	21.25%	1.558%
92	20.403	1510	1515	1519	rBV6	60146	225870	17.92%	1.314%
93	20.689	1536	1540	1544	rBV4	27085	79555	6.31%	0.463%
94	20.929	1559	1561	1567	rVB6	8994	18042	1.43%	0.105%
95	21.192	1582	1584	1589	rVB6	11538	29150	2.31%	0.170%

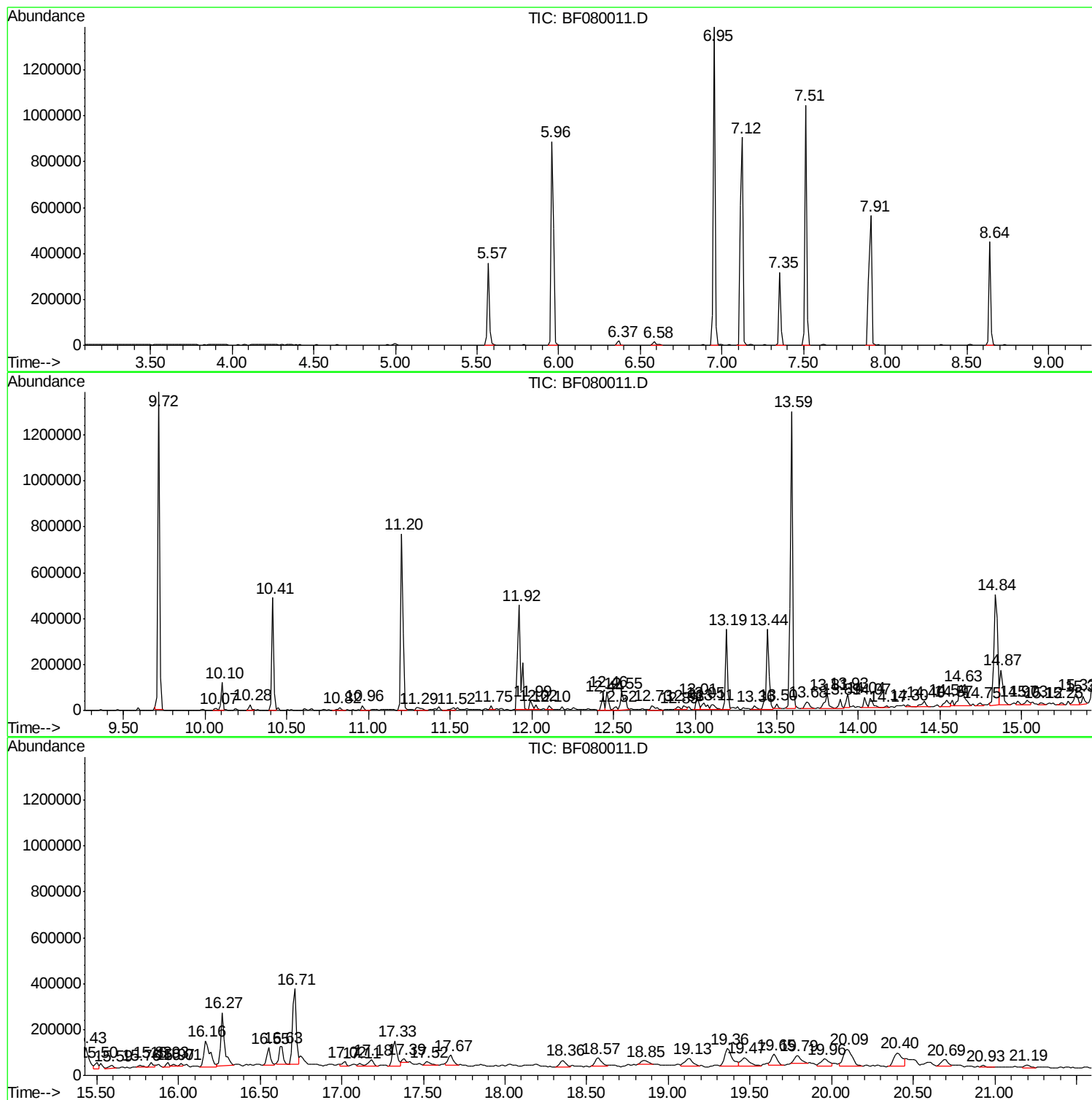
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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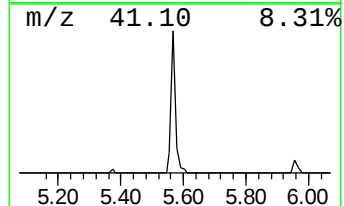
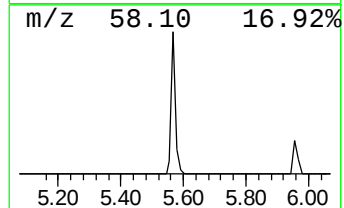
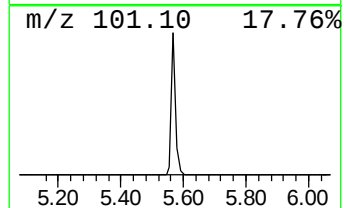
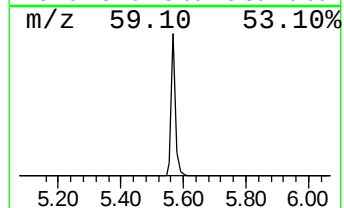
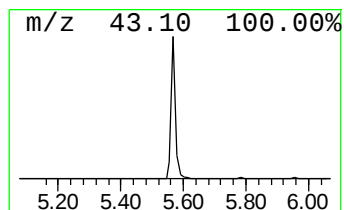
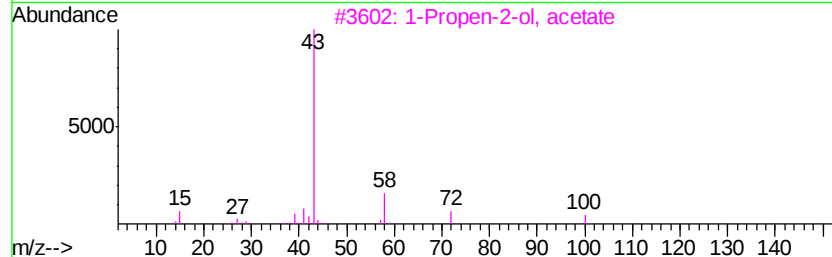
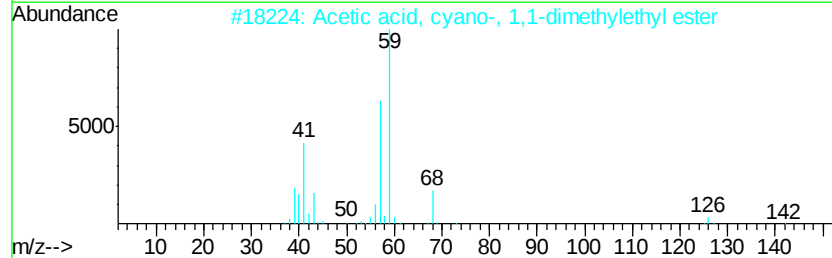
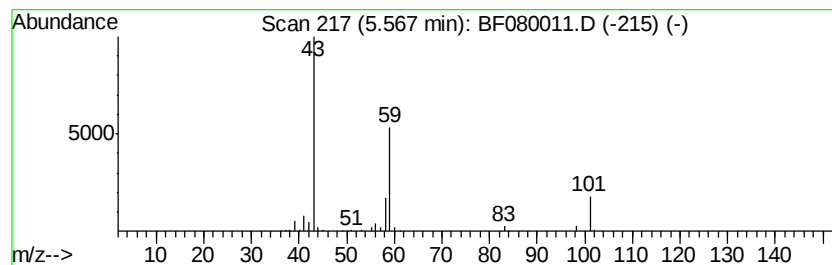
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	24.07 ng	320095	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5		1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9



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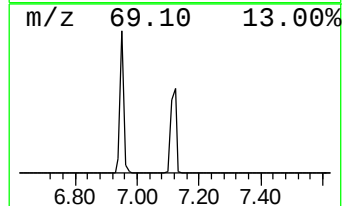
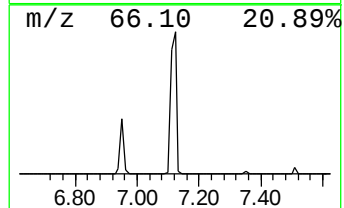
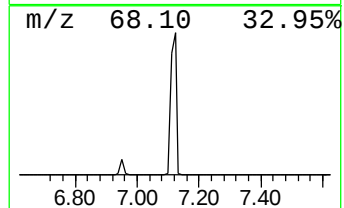
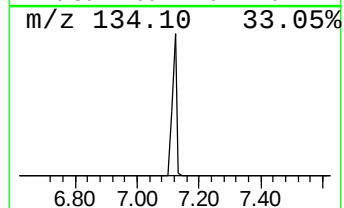
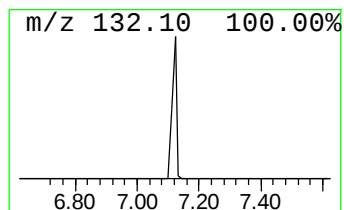
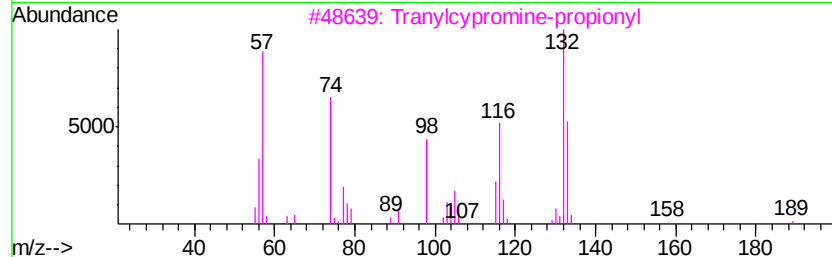
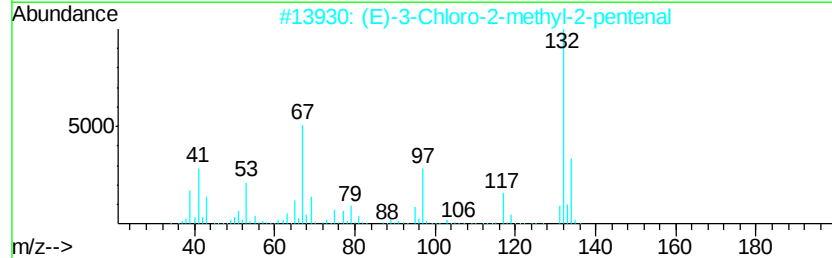
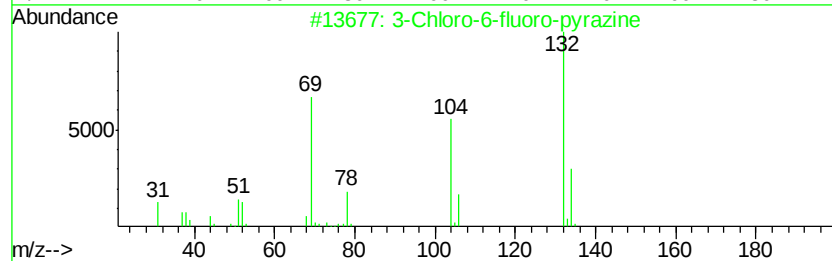
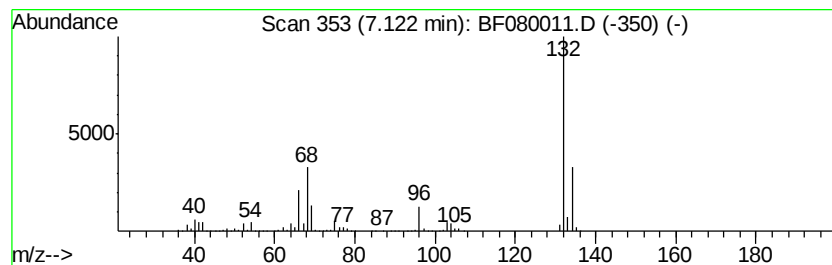
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	78.92 ng	1049640	1,4-Dichlorobenzene-d4	7.35

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	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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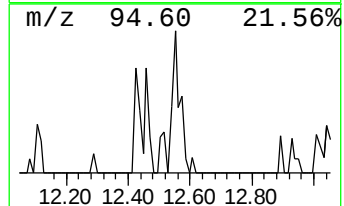
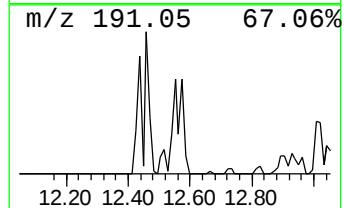
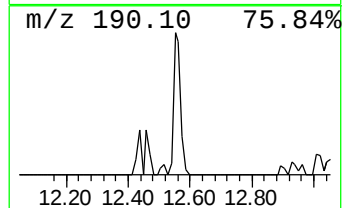
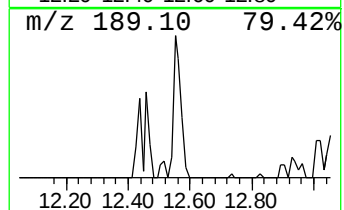
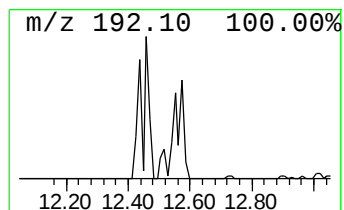
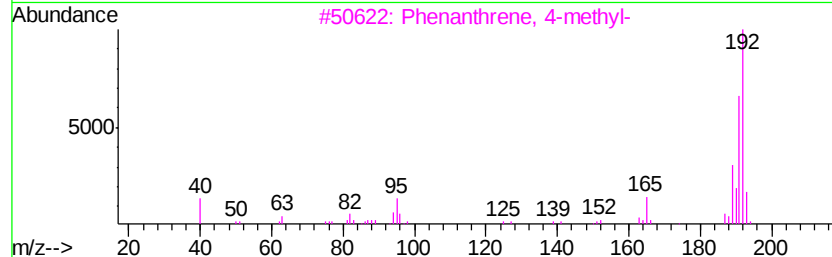
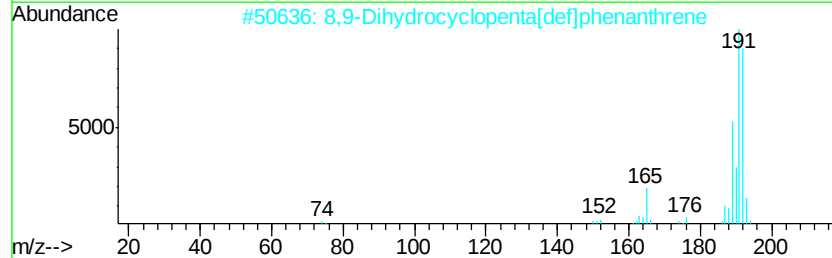
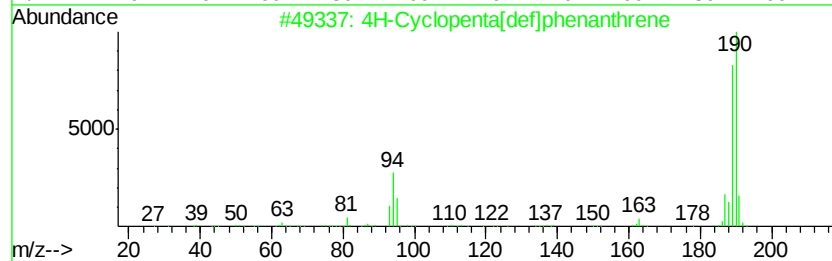
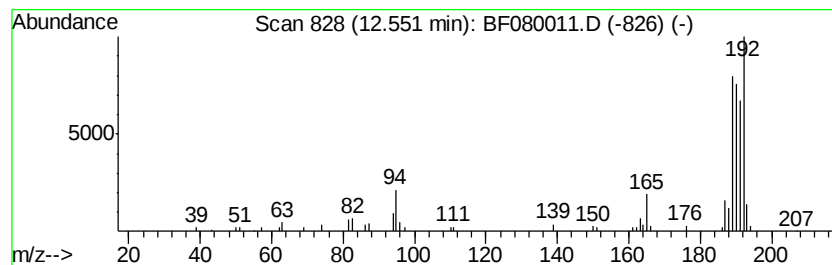
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown12.55 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.12 ng	137451	Phenanthrene-d10	11.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	46
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	46



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AST-TS-001

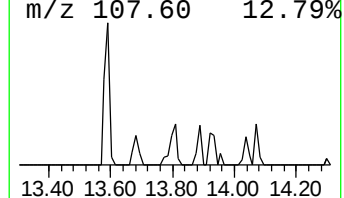
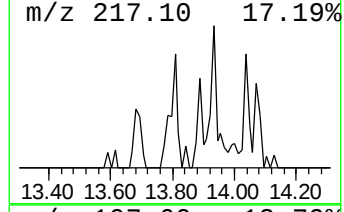
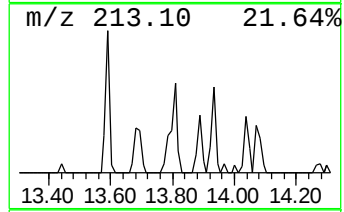
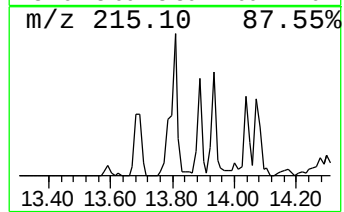
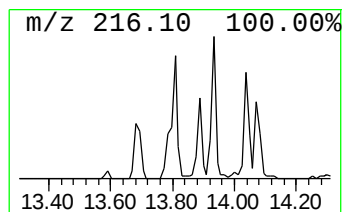
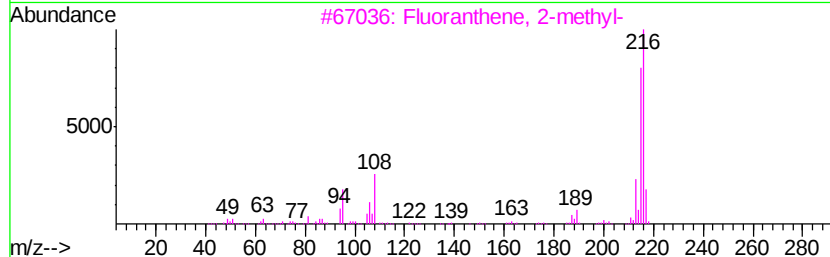
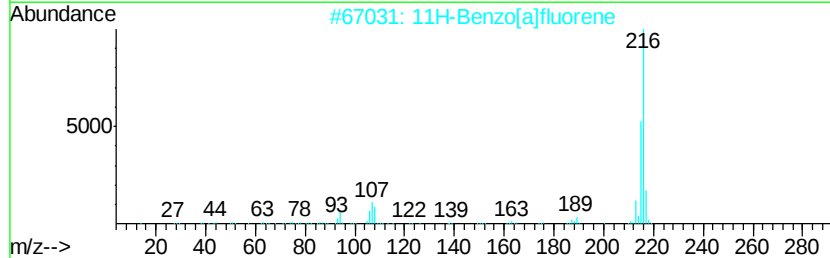
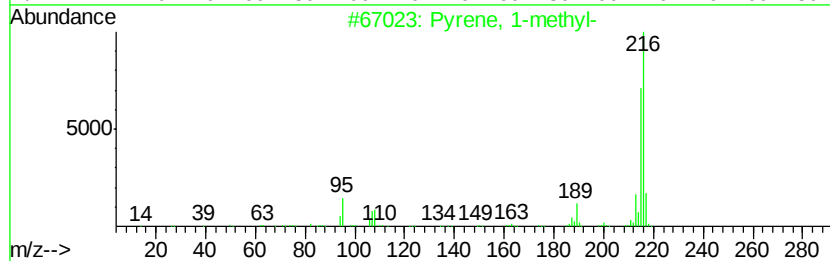
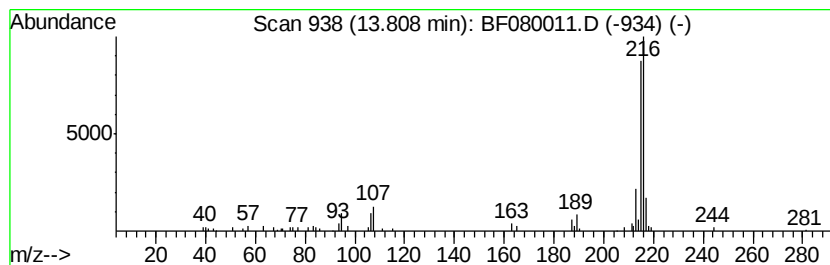
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.86 ng	109904	Chrysene-d12	14.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

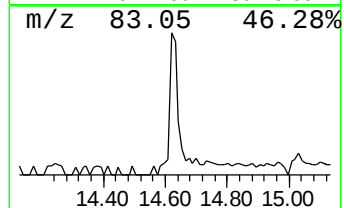
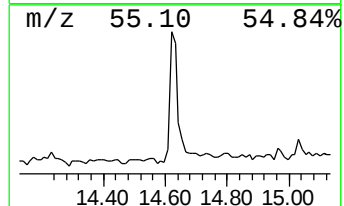
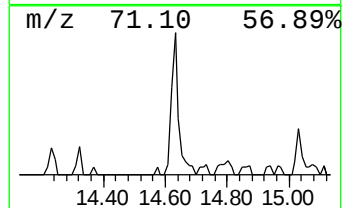
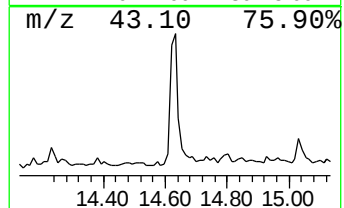
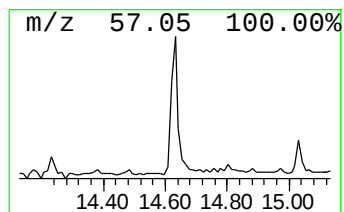
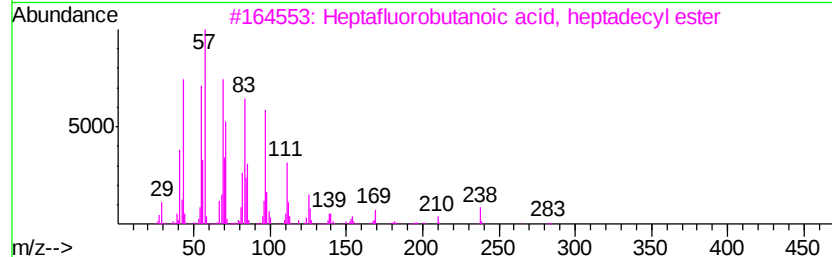
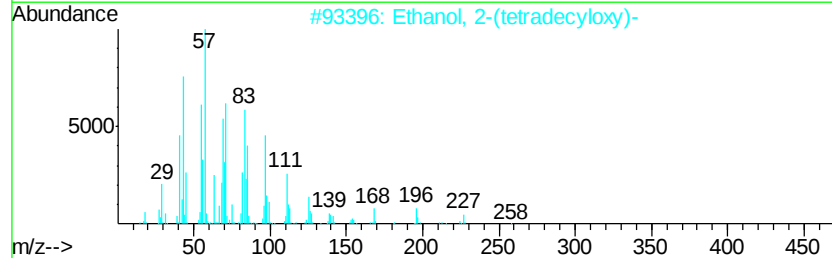
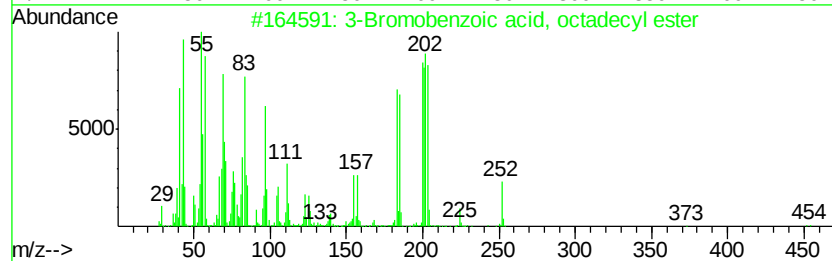
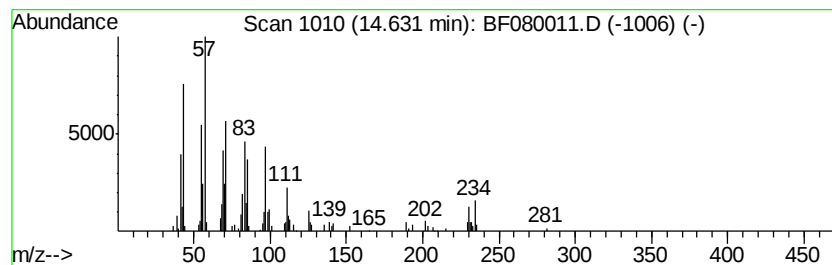
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Bromobenzoic acid, octade... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	5.73 ng	219928	Chrysene-d12	14.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	95
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70
4		1-Docosene	308	C22H44	001599-67-3	70
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
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Sample : G2649-01
Misc :
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ClientSampleId :
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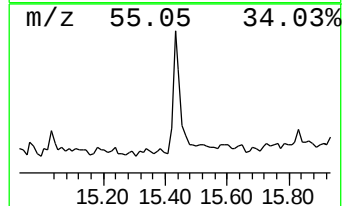
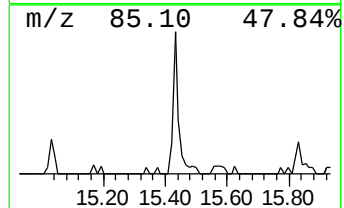
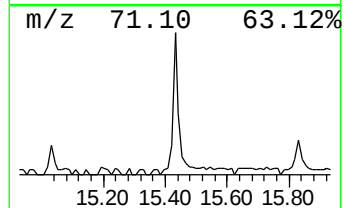
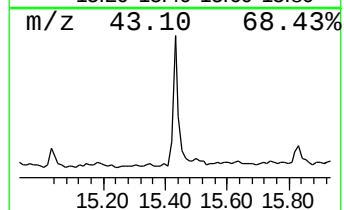
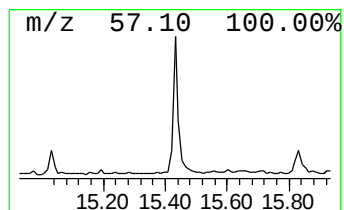
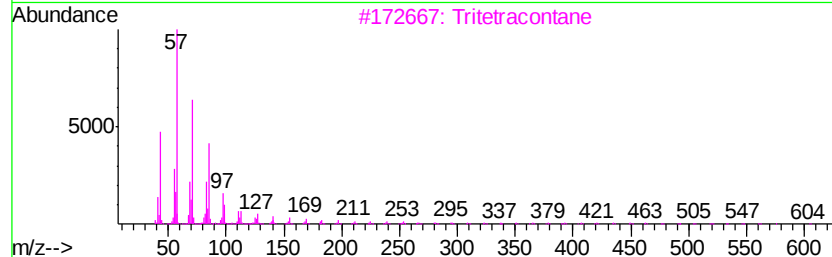
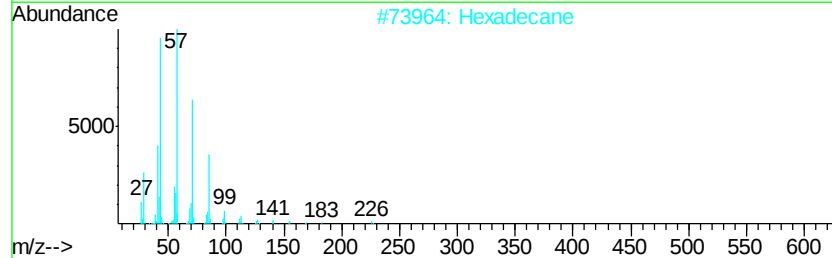
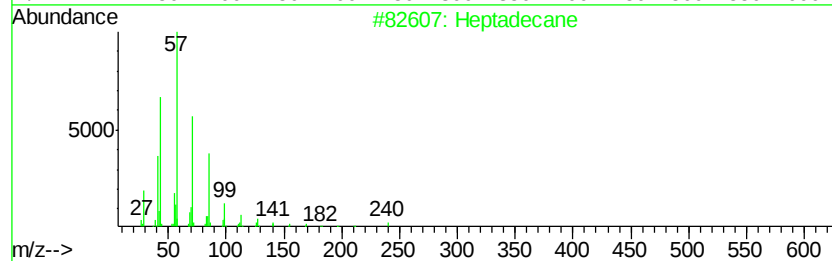
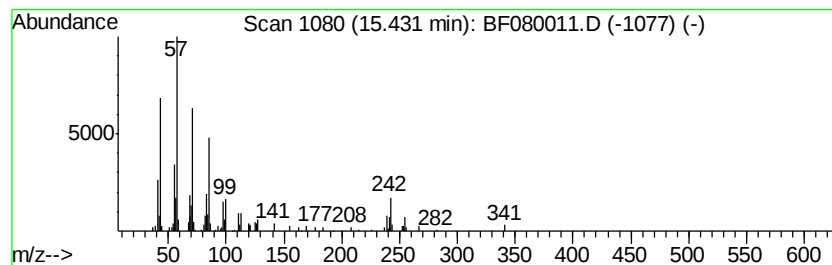
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.51 ng	173301	Chrysene-d12	14.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Hexadecane		226	C16H34	000544-76-3	94
3	Tritetracontane		605	C43H88	007098-21-7	87
4	Tetratetracontane		619	C44H90	007098-22-8	83
5	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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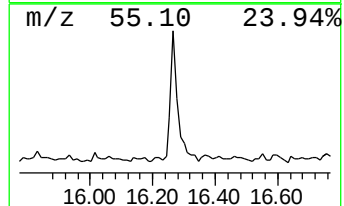
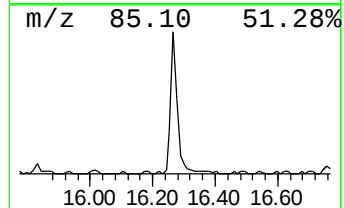
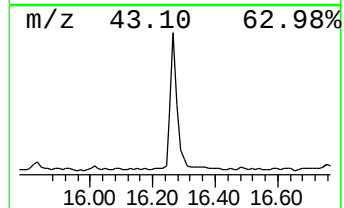
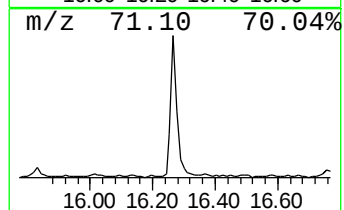
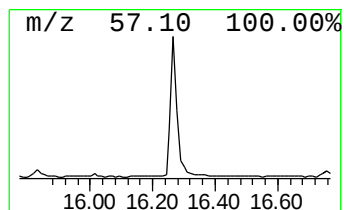
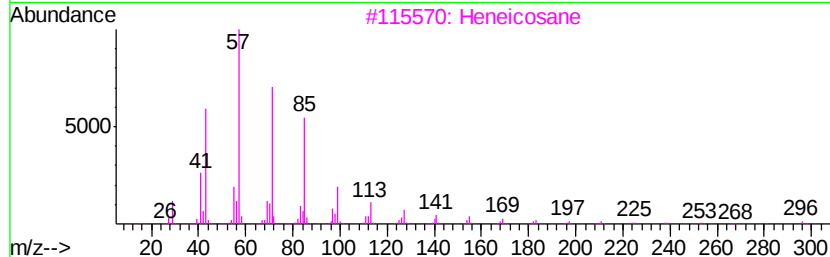
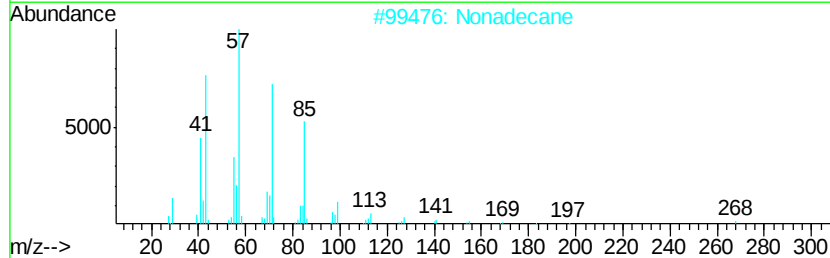
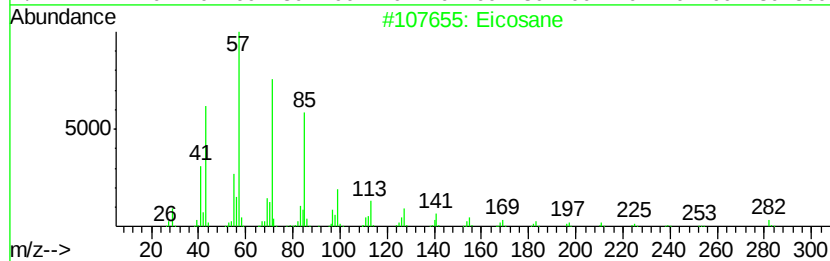
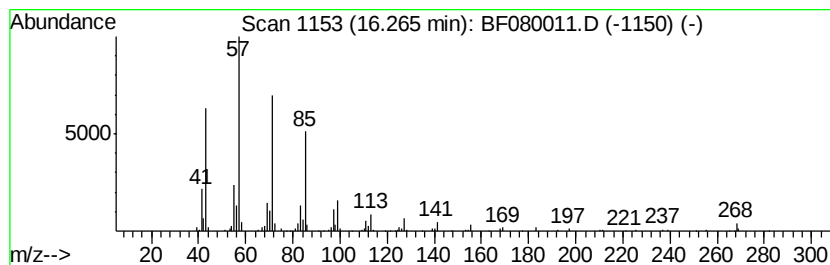
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	14.18 ng	371529	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Nonadecane	268	C19H40	000629-92-5	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
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Acq On : 17 Jun 2015 4:02
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Misc :
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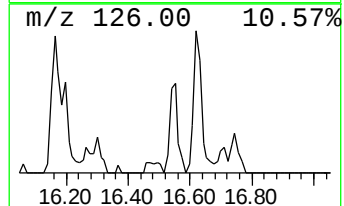
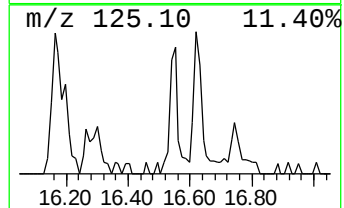
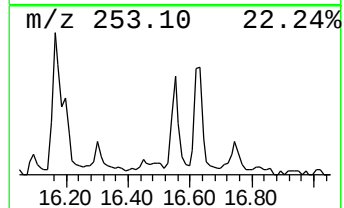
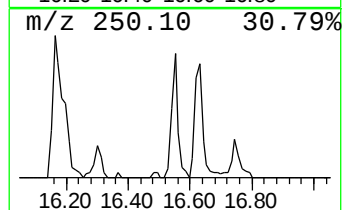
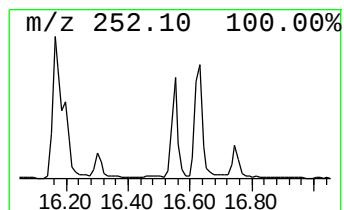
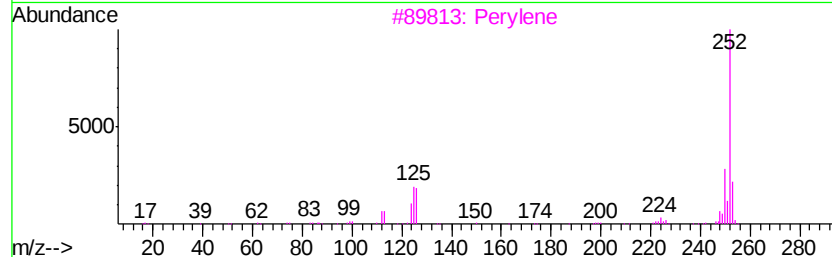
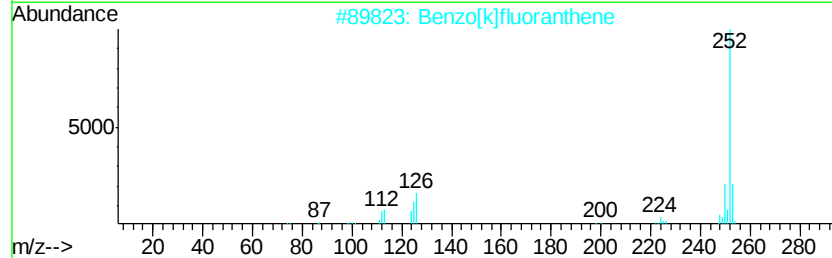
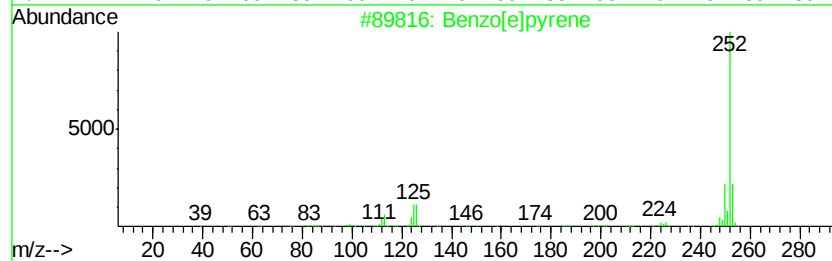
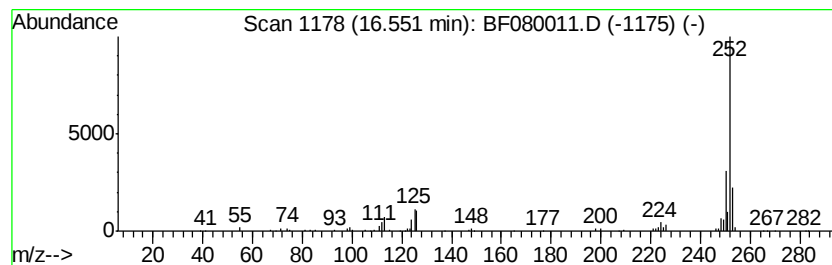
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	4.20 ng	110150	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	94
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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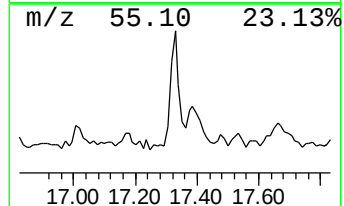
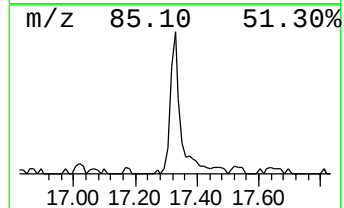
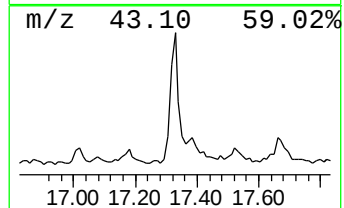
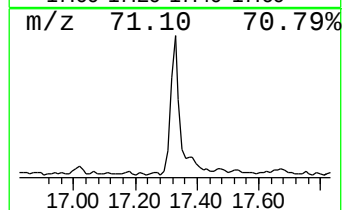
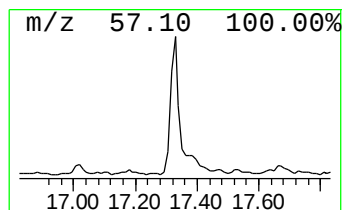
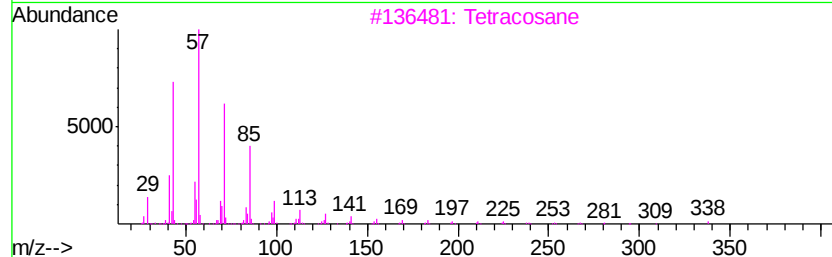
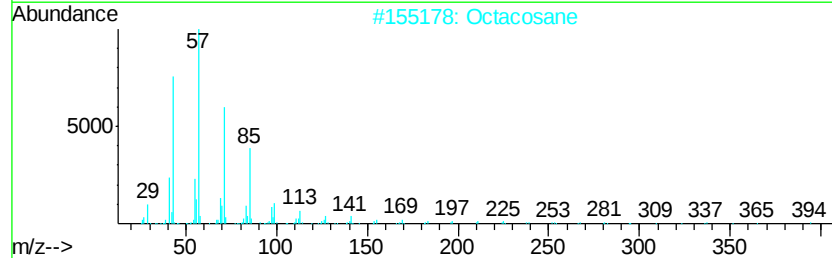
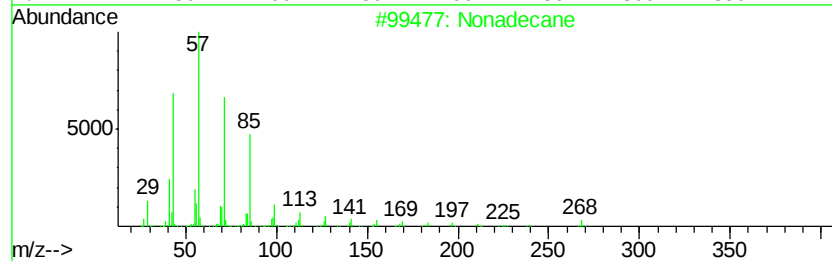
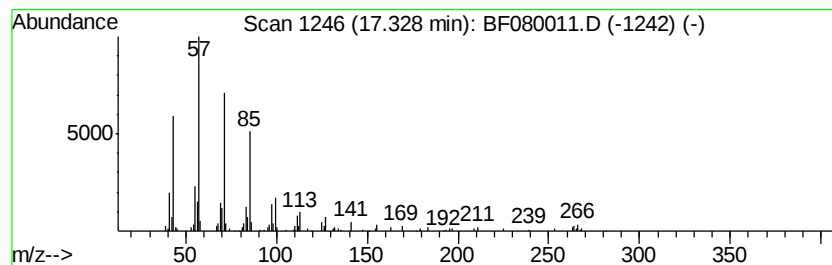
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	7.98 ng	209163	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Nonacosane	408	C29H60	000630-03-5	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
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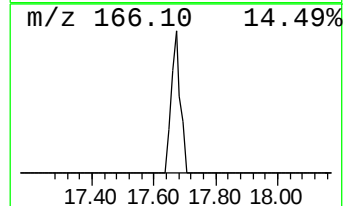
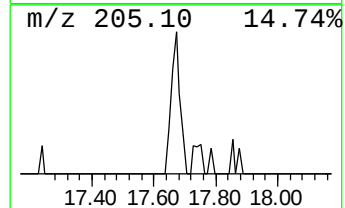
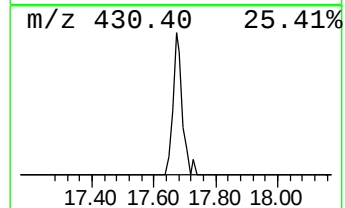
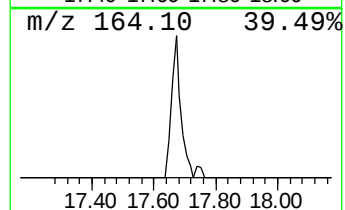
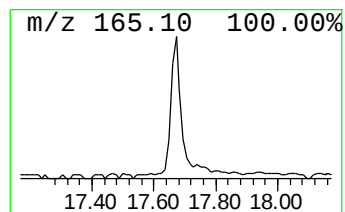
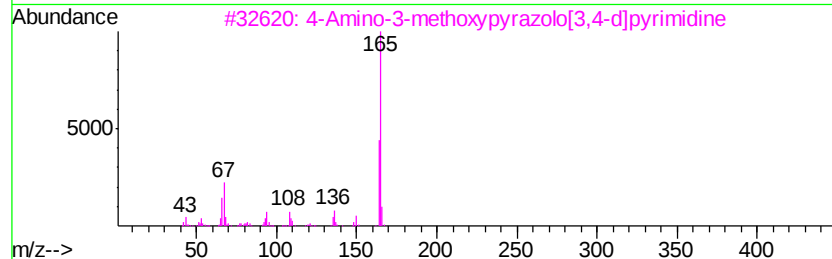
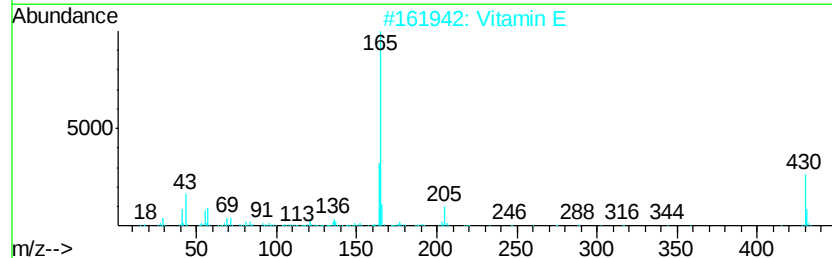
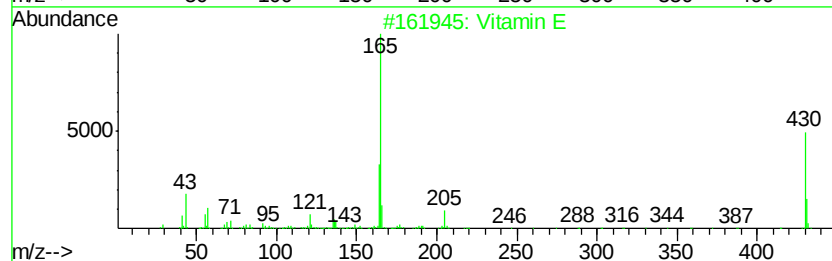
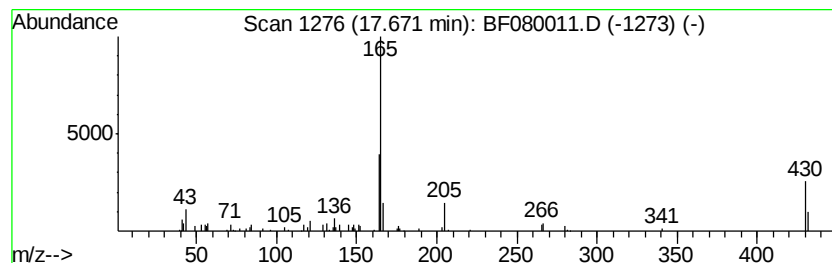
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Vitamin E Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.46 ng	90655	Perylene-d12	16.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Vitamin E	430	C29H50O2	000059-02-9	90
2			Vitamin E	430	C29H50O2	010191-41-0	90
3			4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	53
4			5-Amino-2,4-dimethylbenzoic acid	165	C9H11NO2	024587-05-1	43
5			Propanenitrile, 3-[methyl(4-nitr...	205	C10H11N3O2	097473-81-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

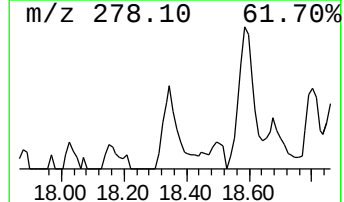
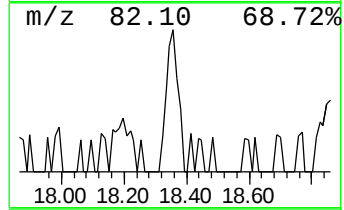
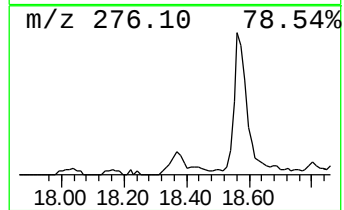
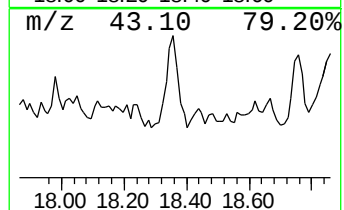
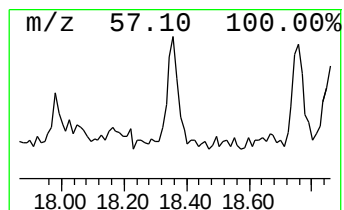
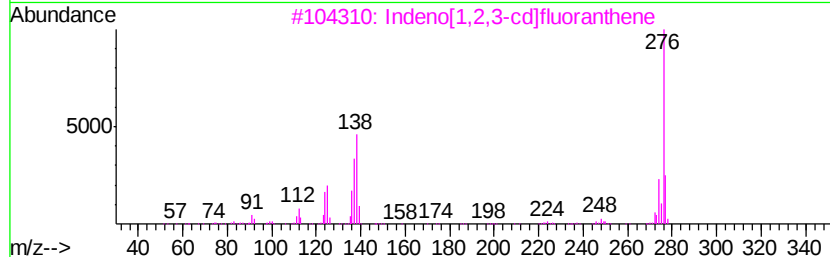
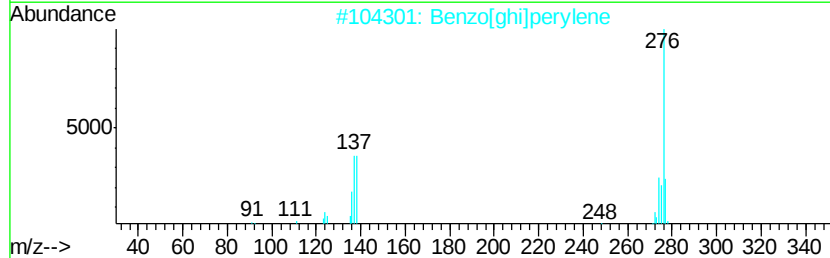
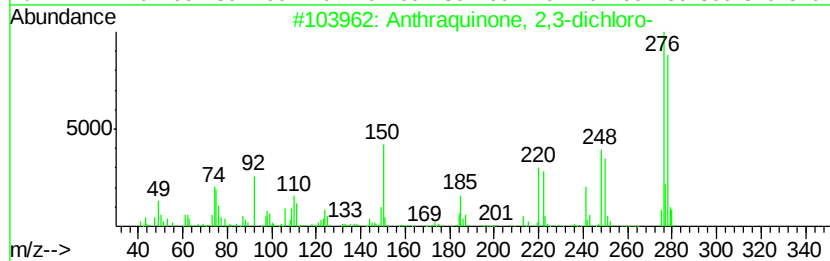
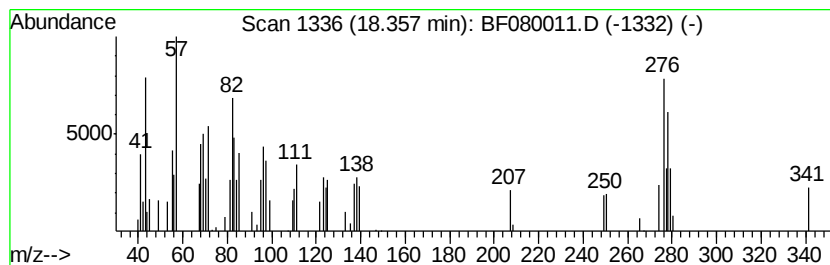
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown18.36 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.75 ng	72122	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	38
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	22
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	14
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	11
5		Octadecanal	268	C18H36O	000638-66-4	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

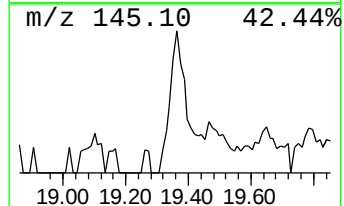
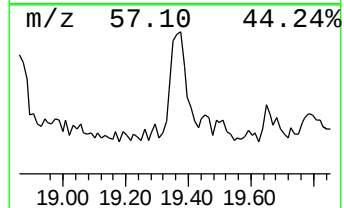
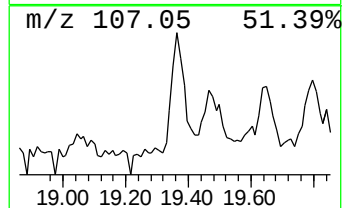
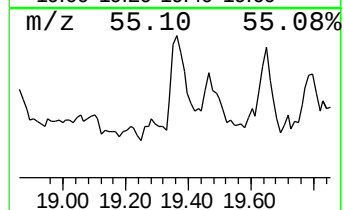
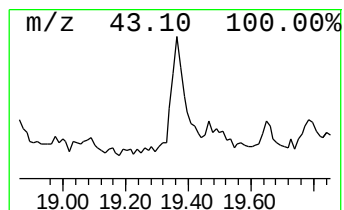
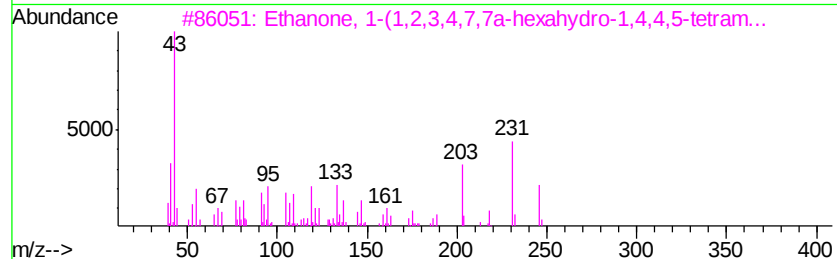
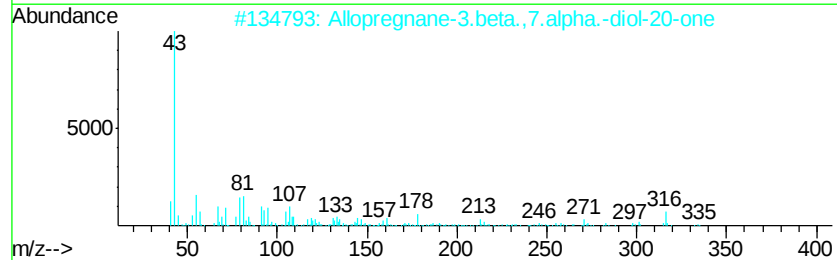
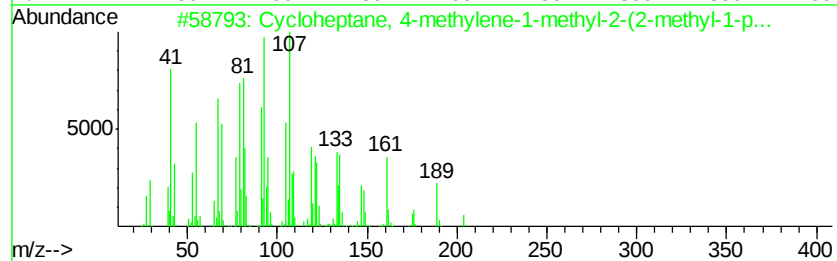
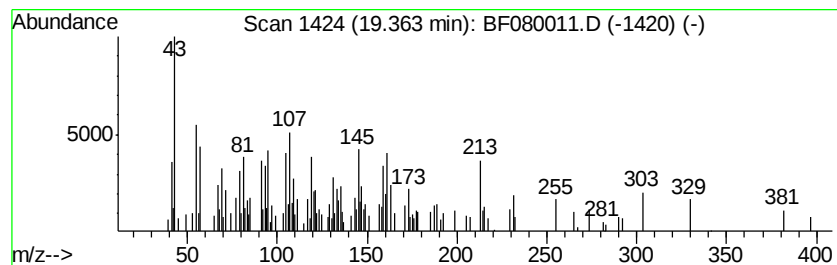
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown19.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	9.31 ng	243914	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	25
2		Allopregnane-3.beta.,7.alpha.-di...	334	C21H34O3	000566-20-1	16
3		Ethanone, 1-(1,2,3,4,7,7a-hexahy...	246	C17H26O	032388-58-2	16
4		1H-Cycloprop[e]azulen-7-ol, deca...	220	C15H24O	006750-60-3	14
5		Medroxyprogesterone Acetate	386	C24H34O4	000071-58-9	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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BNA_F
ClientSampleId :
AST-TS-001

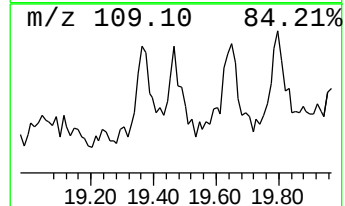
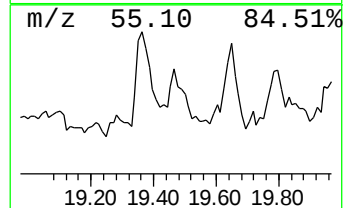
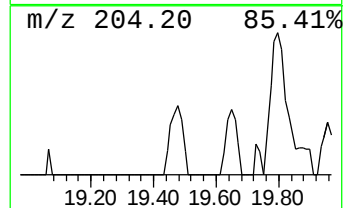
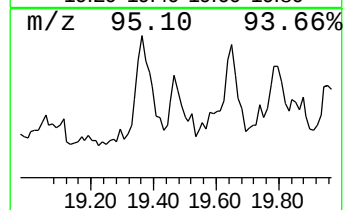
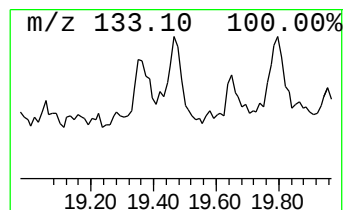
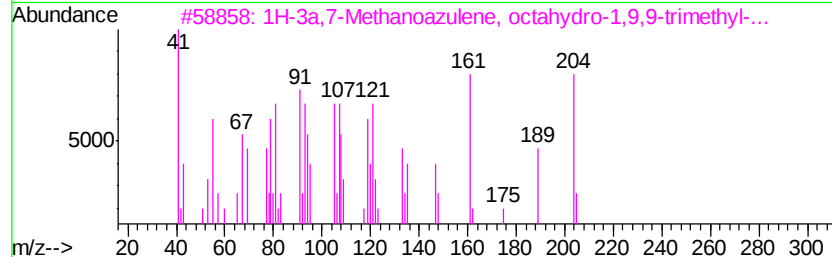
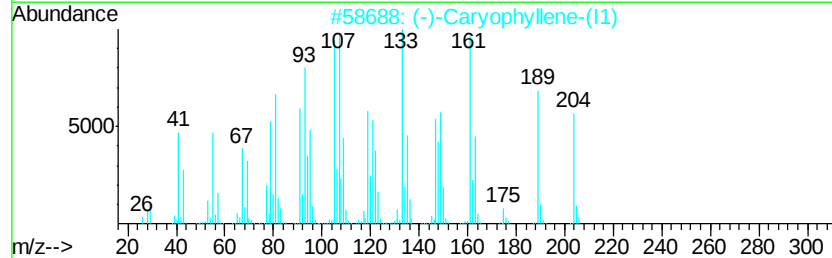
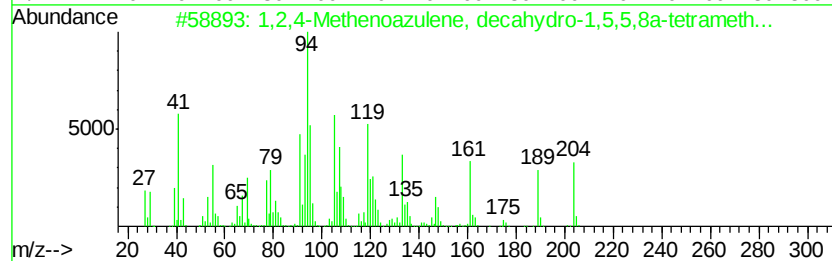
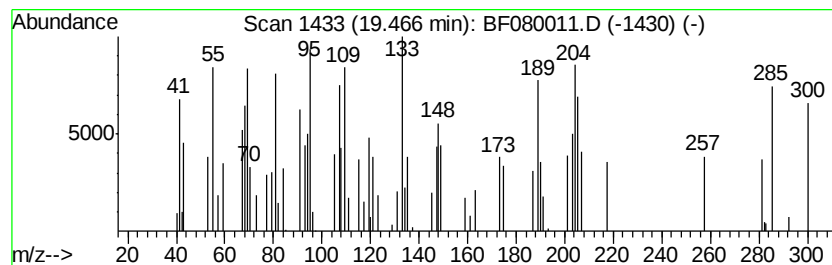
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown19.47 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	4.56 ng	119506	Perylene-d12	16.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4-Methenoazulene, decahydro-...	204	C15H24	001137-12-8	49
2			(-)-Caryophyllene-(I1)	204	C15H24	1000156-13-1	43
3			1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	42
4			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	41
5			1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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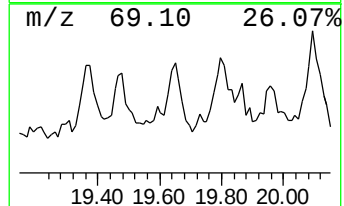
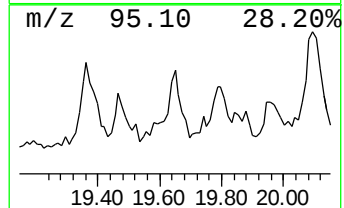
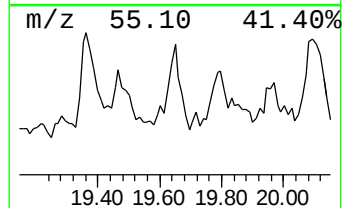
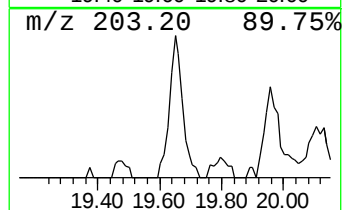
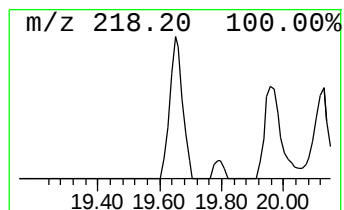
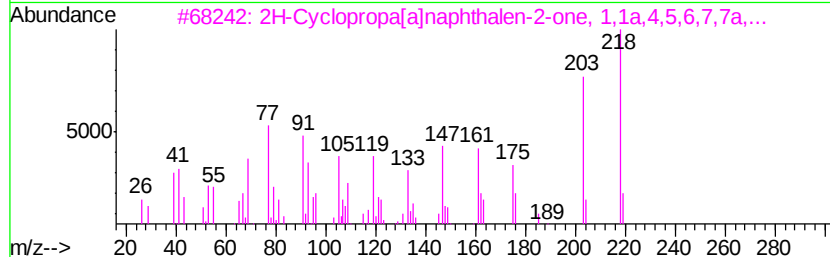
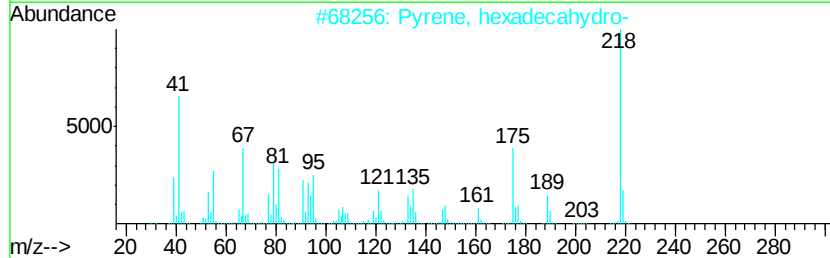
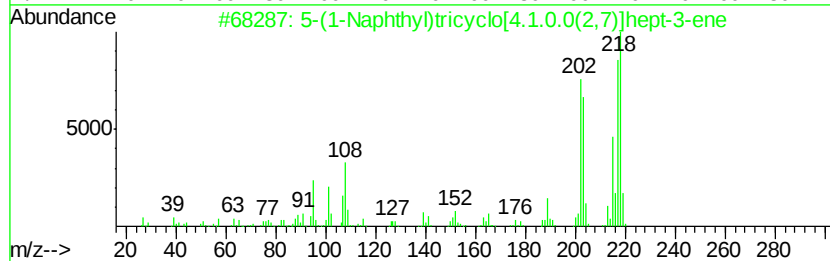
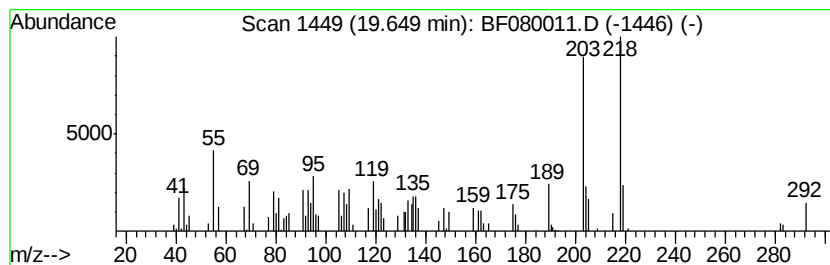
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5-(1-Naphthyl)tricyclo[4.1.... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	4.64 ng	121564	Perylene-d12	16.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-(1-Naphthyl)tricyclo[4.1.0.0(2...]	218	C17H14	107729-05-5	59
2			Pyrene, hexadecahydro-	218	C16H26	002435-85-0	55
3			2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	50
4			Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	50
5			Dihydrocoumarin, 4,4,5,7,8-penta...	218	C14H18O2	039170-97-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
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Instrument :
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ClientSampleId :
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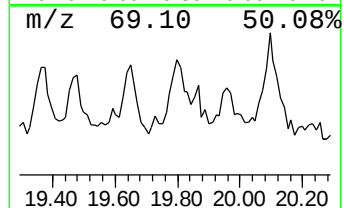
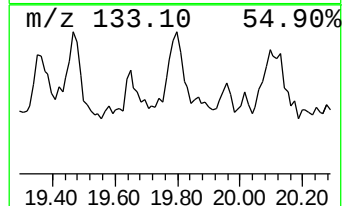
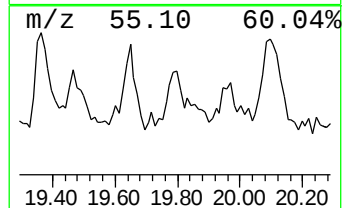
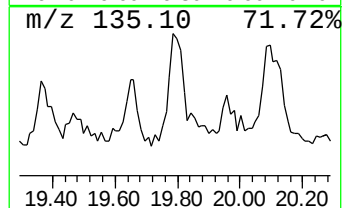
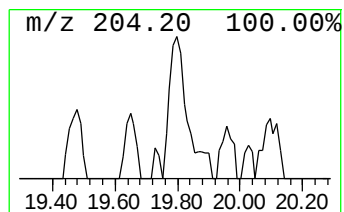
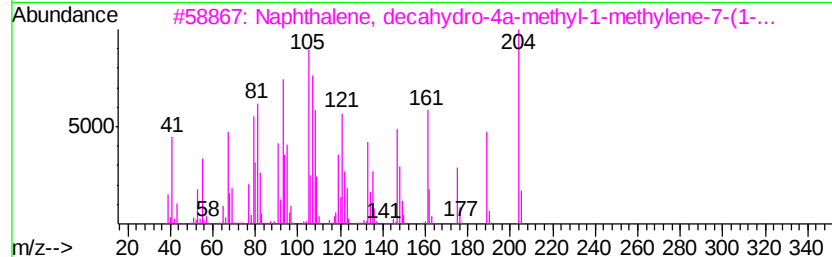
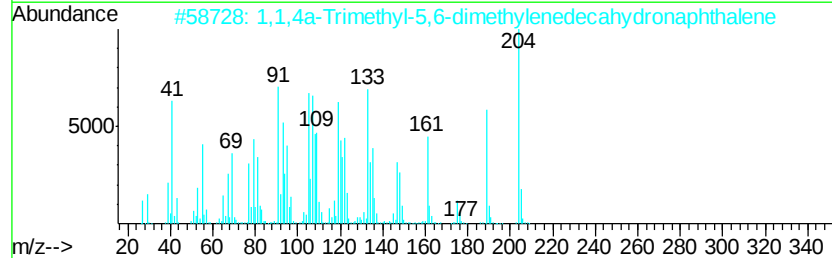
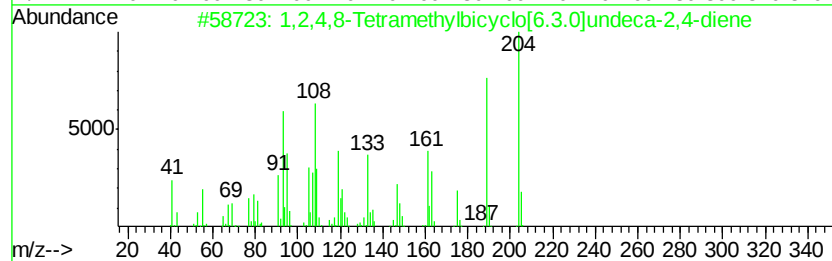
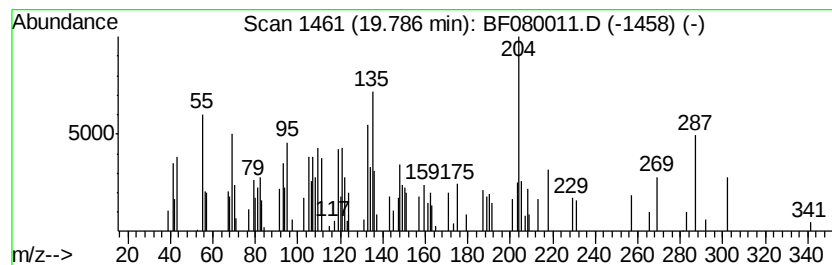
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	3.81 ng	99934	Perylene-d12	16.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	86
2			1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52
3			Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	49
4			2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	38
5			(-)-Caryophyllene-(I1)	204	C15H24	1000156-13-1	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
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Misc :
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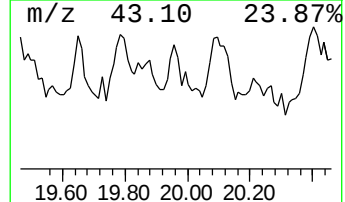
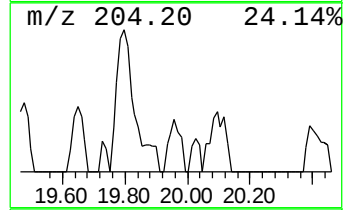
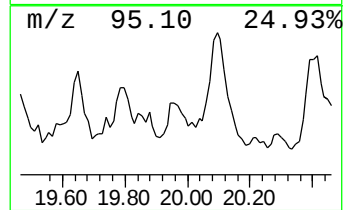
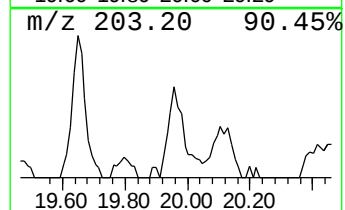
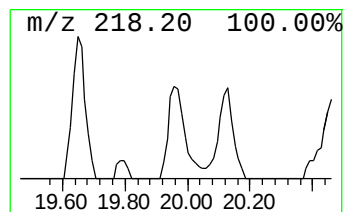
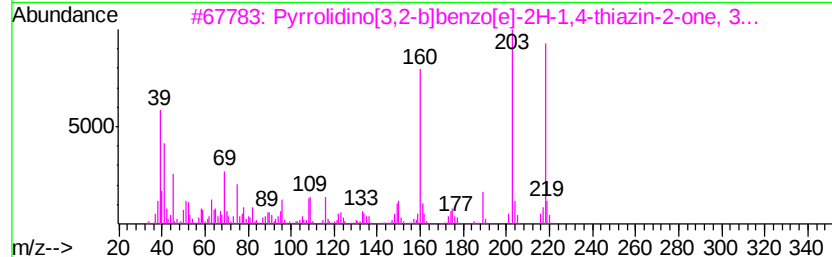
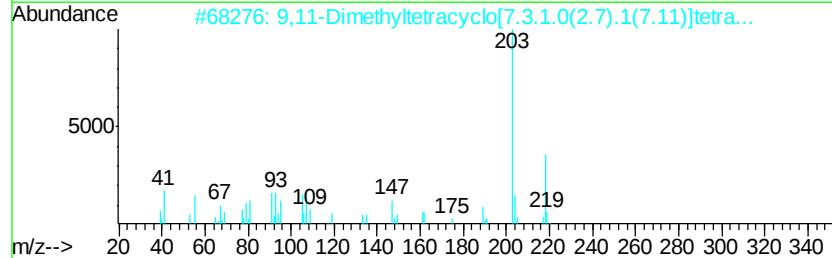
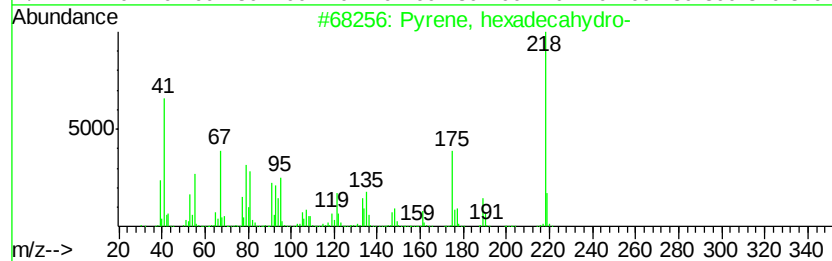
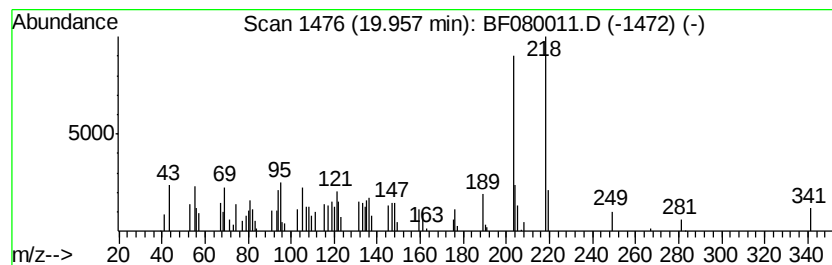
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, hexadecahydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.92 ng	102696	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	64
2		9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	59
3		Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	53
4		Dihydrocoumarin, 4,4,5,7,8-penta...	218	C14H18O2	039170-97-3	47
5		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
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Misc :
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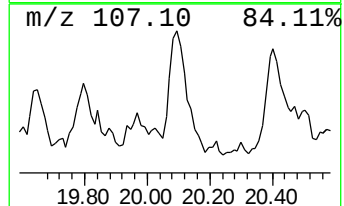
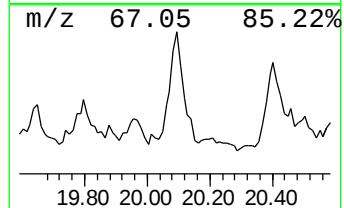
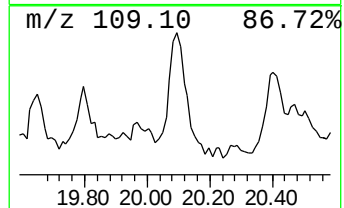
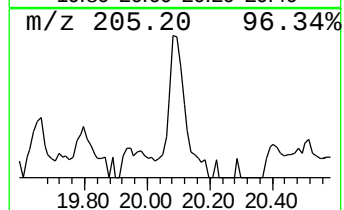
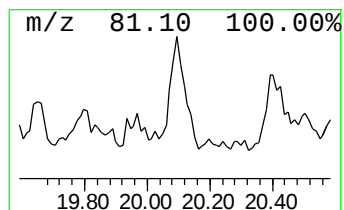
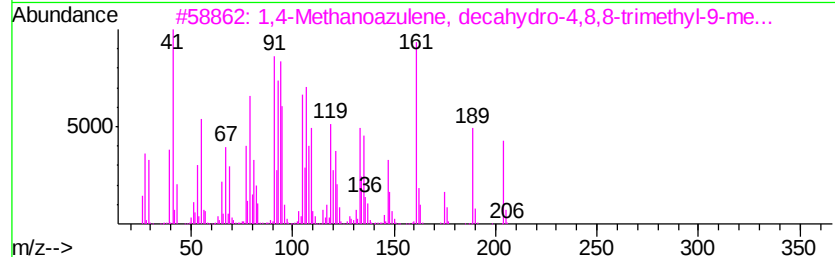
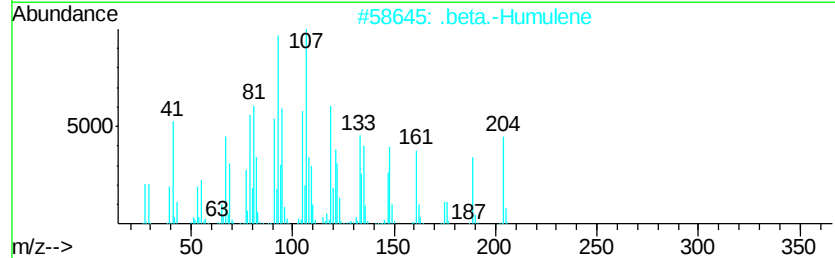
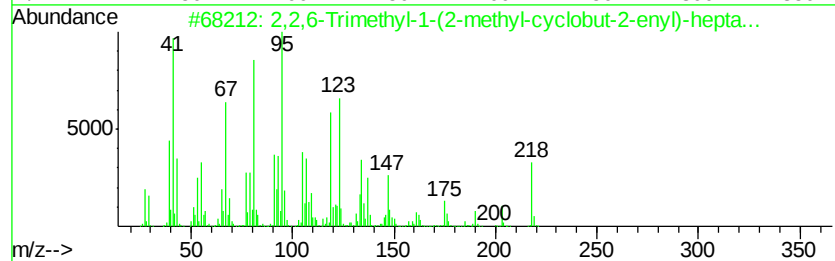
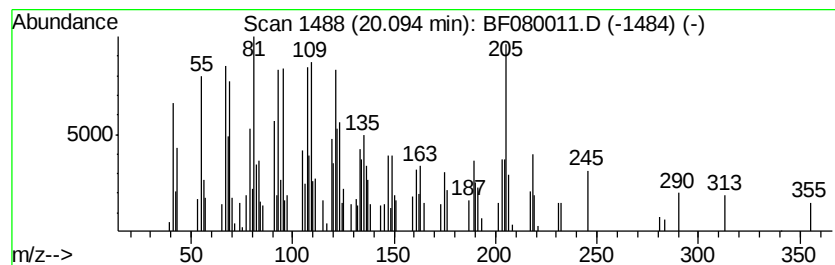
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,2,6-Trimethyl-1-(2-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	10.22 ng	267816	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	53
2		.beta.-Humulene	204	C15H24	000116-04-1	53
3		1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	47
4		Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	45
5		4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	44



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

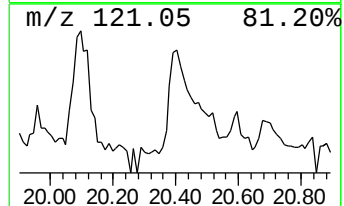
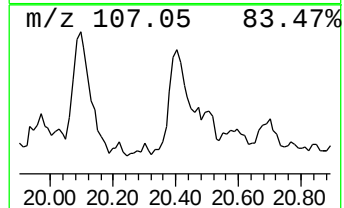
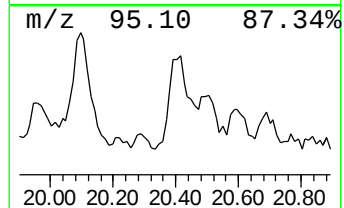
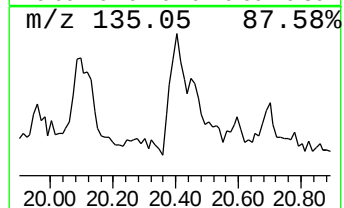
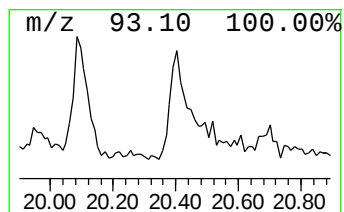
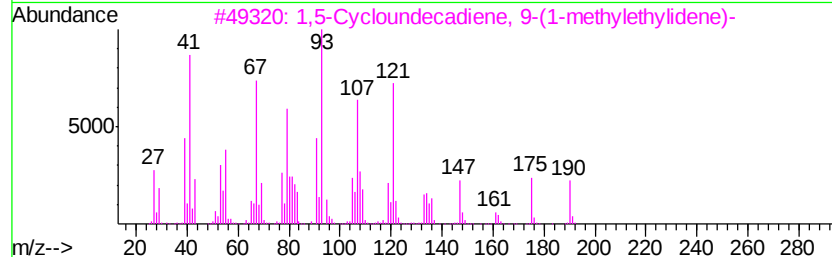
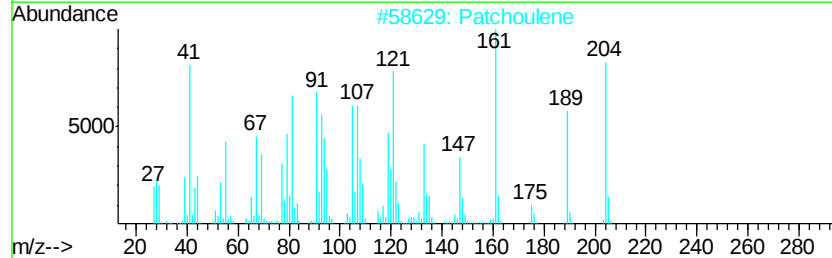
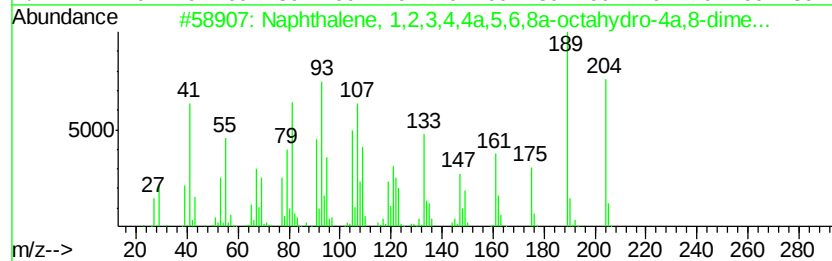
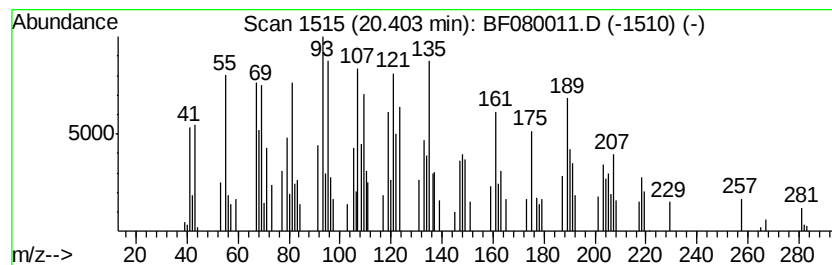
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	8.62 ng	225870	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	56
2		Patchoulene	204	C15H24	001405-16-9	52
3		1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	46
4		1H-Cycloprop[e]azulene, decahydr...	204	C15H24	025246-27-9	44
5		.gamma.-Elemene	204	C15H24	339154-91-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

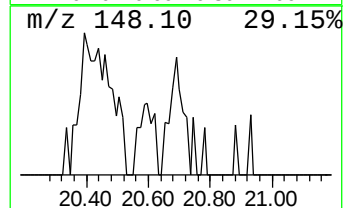
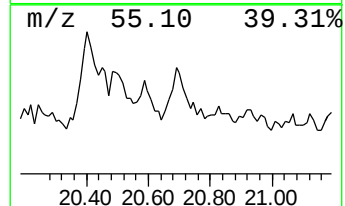
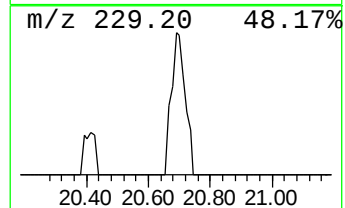
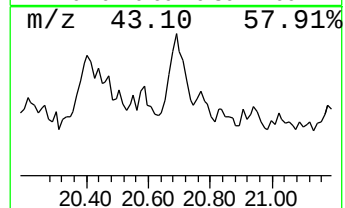
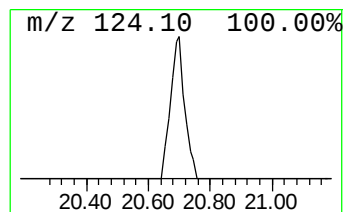
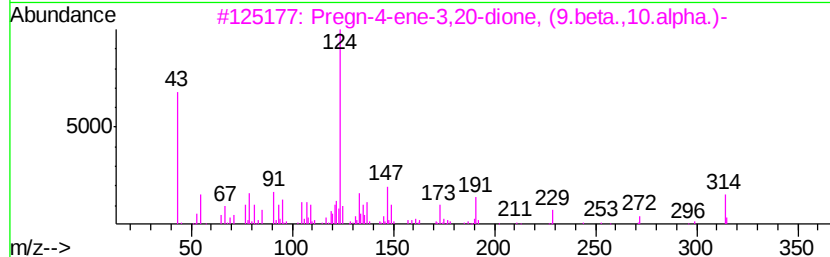
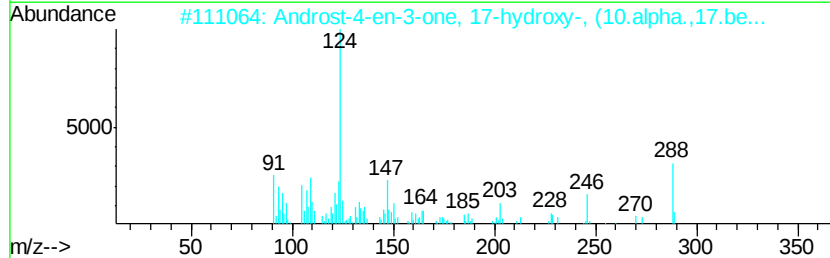
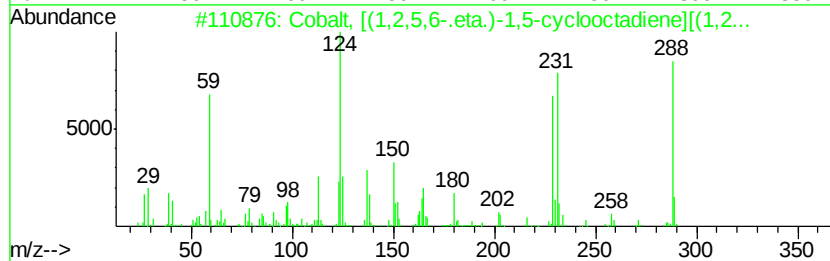
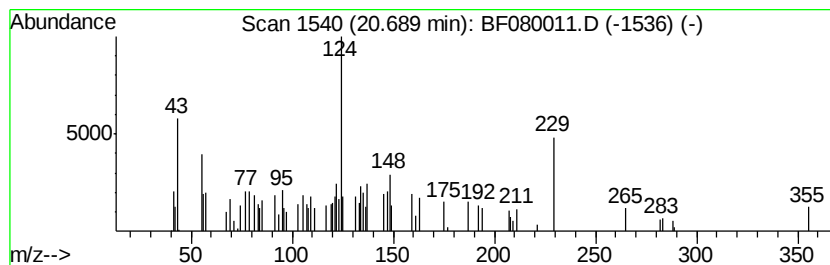
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown20.69 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	3.04 ng	79555	Perylene-d12	16.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cobalt, [(1,2,5,6-.eta.)-1,5-cyc...	288	C16H21CoO	115403-24-2	38
2		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	30
3		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	25
4		Pyridine, 1-(chloroacetyl)-1,2,3...	159	C7H10ClNO	063177-40-2	16
5		2,4-Diaminophenol	124	C6H8N2O	000095-86-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080011.D
 Acq On : 17 Jun 2015 4:02
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 Sample : G2649-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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...	5.57	24.1 ng		320095	1	7.35	265996	20.0
unknown7.12	7.12	78.9 ng		1049640	1	7.35	265996	20.0
unknown12.55	12.55	4.1 ng		137451	4	11.92	666751	20.0
Pyrene, 1-methyl-	13.81	2.9 ng		109904	5	14.85	767962	20.0
3-Bromobenzoic ac...	14.63	5.7 ng		219928	5	14.85	767962	20.0
Heptadecane	15.43	4.5 ng		173301	5	14.85	767962	20.0
Eicosane	16.27	14.2 ng		371529	6	16.71	524047	20.0
Benzo[e]pyrene	16.55	4.2 ng		110150	6	16.71	524047	20.0
Nonadecane	17.33	8.0 ng		209163	6	16.71	524047	20.0
Vitamin E	17.67	3.5 ng		90655	6	16.71	524047	20.0
unknown18.36	18.36	2.8 ng		72122	6	16.71	524047	20.0
unknown19.36	19.36	9.3 ng		243914	6	16.71	524047	20.0
unknown19.47	19.47	4.6 ng		119506	6	16.71	524047	20.0
5-(1-Naphthyl)tri...	19.65	4.6 ng		121564	6	16.71	524047	20.0
1,2,4,8-Tetrameth...	19.79	3.8 ng		99934	6	16.71	524047	20.0
Pyrene, hexadecah...	19.96	3.9 ng		102696	6	16.71	524047	20.0
2,2,6-Trimethyl-1...	20.09	10.2 ng		267816	6	16.71	524047	20.0
Naphthalene, 1,2,...	20.40	8.6 ng		225870	6	16.71	524047	20.0
unknown20.69	20.69	3.0 ng		79555	6	16.71	524047	20.0