

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088209.D
 Acq On : 21 Jun 2016 9:57
 Operator : UM/SJ
 Sample : H3474-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7-B4(6-12)C

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-BF060716.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	1.655	5	6	14	rVV	165781	267962	11.78%	0.707%
2	1.770	14	16	37	rVB	1222591	2274877	100.00%	6.000%
3	4.821	281	283	290	rBV	120809	212779	9.35%	0.561%
4	5.267	319	322	324	rBV	1656845	2110556	92.78%	5.567%
5	5.896	376	377	381	rVB2	71102	110969	4.88%	0.293%
6	6.102	391	395	396	rBV	38245	59462	2.61%	0.157%
7	6.182	398	402	407	rVB3	64784	150444	6.61%	0.397%
8	6.330	411	415	417	rBV	1581803	2195721	96.52%	5.792%
9	6.445	422	425	427	rVV	1586182	2200979	96.75%	5.805%
10	6.513	427	431	433	rVB2	85479	129819	5.71%	0.342%
11	6.605	437	439	443	rBV4	18482	57594	2.53%	0.152%
12	6.662	443	444	448	rVB3	532591	695822	30.59%	1.835%
13	6.822	456	458	462	rVB	1826483	1699051	74.69%	4.482%
14	6.947	462	469	471	rBV5	38440	133856	5.88%	0.353%
15	7.062	477	479	480	rBV	78703	84446	3.71%	0.223%
16	7.233	492	494	497	rVB	980396	1255699	55.20%	3.312%
17	7.279	497	498	499	rVB	160736	110185	4.84%	0.291%
18	7.325	499	502	504	rVB2	41057	75301	3.31%	0.199%
19	7.393	504	508	510	rBV	35604	68698	3.02%	0.181%
20	7.473	510	515	517	rVB3	69671	140884	6.19%	0.372%
21	7.587	521	525	526	rBV2	71888	115458	5.08%	0.305%
22	7.690	532	534	535	rBV2	39254	68936	3.03%	0.182%
23	7.713	535	536	539	rVB2	58907	59849	2.63%	0.158%
24	7.759	539	540	544	rVB2	37154	57059	2.51%	0.151%
25	7.908	550	553	554	rBV2	29211	56293	2.47%	0.148%
26	7.953	554	557	558	rVV	947406	888487	39.06%	2.344%
27	7.976	558	559	562	rVV2	61935	78784	3.46%	0.208%
28	8.022	562	563	567	rVB	70521	79176	3.48%	0.209%
29	8.250	579	583	587	rBV5	40764	95489	4.20%	0.252%
30	8.388	592	595	599	rVB	110544	145155	6.38%	0.383%
31	8.548	608	609	612	rBV	71613	111458	4.90%	0.294%
32	8.662	616	619	623	rVB2	45238	80956	3.56%	0.214%
33	8.765	623	628	630	rBV2	50582	57828	2.54%	0.153%
34	8.982	644	647	649	rBV	121952	125113	5.50%	0.330%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.028	649	651	654	rVB	2055696	1997460	87.81%	5.269%
36	9.119	654	659	661	rBV2	113631	158908	6.99%	0.419%
37	9.290	670	674	676	rBV2	33918	70233	3.09%	0.185%
38	9.359	679	680	682	rBV2	62733	88862	3.91%	0.234%
39	9.428	684	686	690	rVB	505449	479642	21.08%	1.265%
40	9.565	695	698	700	rBV	68317	77384	3.40%	0.204%
41	9.645	703	705	706	rBV	147126	126870	5.58%	0.335%
42	9.702	706	710	712	rBV	773708	850874	37.40%	2.244%
43	10.136	746	748	750	rVB2	100571	104976	4.61%	0.277%
44	10.239	756	757	761	rVB2	44296	63648	2.80%	0.168%
45	10.353	764	767	770	rBV	79568	127884	5.62%	0.337%
46	10.491	776	779	781	rBV	912481	1168118	51.35%	3.081%
47	10.616	788	790	793	rBV	114040	205319	9.03%	0.542%
48	10.799	803	806	811	rBV6	19023	63391	2.79%	0.167%
49	11.051	824	828	830	rBV2	51168	119638	5.26%	0.316%
50	11.176	837	839	840	rBV	772896	676303	29.73%	1.784%
51	11.256	843	846	847	rBV	100891	147646	6.49%	0.389%
52	11.439	858	862	863	rBV2	36754	87723	3.86%	0.231%
53	11.474	863	865	869	rBV3	40304	121237	5.33%	0.320%
54	11.679	881	883	884	rBV	65525	71517	3.14%	0.189%
55	11.782	891	892	897	rVB2	128674	219620	9.65%	0.579%
56	11.862	897	899	902	rBV2	82238	184632	8.12%	0.487%
57	11.919	902	904	906	rVV	117105	155714	6.84%	0.411%
58	11.954	906	907	910	rVB2	82326	142105	6.25%	0.375%
59	12.114	920	921	923	rVB2	123705	154520	6.79%	0.408%
60	12.205	927	929	930	rVV	93781	107771	4.74%	0.284%
61	12.274	933	935	938	rVB4	75254	132652	5.83%	0.350%
62	12.388	943	945	947	rBV	1175353	1003699	44.12%	2.647%
63	12.422	947	948	950	rVB	370171	366354	16.10%	0.966%
64	12.617	961	965	966	rBV2	618152	1229491	54.05%	3.243%
65	12.639	966	967	968	rVV	118165	95583	4.20%	0.252%
66	12.662	968	969	973	rVB2	92207	122103	5.37%	0.322%
67	12.754	975	977	980	rVB	1264939	1405086	61.77%	3.706%
68	12.834	980	984	987	rBV2	69402	115249	5.07%	0.304%
69	12.891	987	989	991	rBV	571493	519157	22.82%	1.369%
70	12.937	991	993	995	rVB	193191	282004	12.40%	0.744%
71	13.005	996	999	1001	rBV2	296570	350233	15.40%	0.924%

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72	13.039	1001	1002	1006	rVB	128434	163120	7.17%	0.430%
73	13.165	1012	1013	1014	rBV	79584	65796	2.89%	0.174%
74	13.291	1022	1024	1026	rBV	219389	214002	9.41%	0.564%
75	13.337	1026	1028	1034	rVB2	155606	259520	11.41%	0.685%
76	13.554	1045	1047	1048	rBV	82959	94367	4.15%	0.249%
77	13.668	1055	1057	1058	rBV	98573	117335	5.16%	0.309%
78	13.805	1066	1069	1070	rBV2	847505	1317206	57.90%	3.474%
79	13.908	1076	1078	1080	rVB2	79302	81891	3.60%	0.216%
80	13.977	1080	1084	1087	rBV2	161969	290133	12.75%	0.765%
81	14.194	1101	1103	1104	rBV	108577	100735	4.43%	0.266%
82	14.285	1109	1111	1112	rBV2	164760	174238	7.66%	0.460%
83	14.571	1134	1136	1140	rBV2	103213	164544	7.23%	0.434%
84	14.674	1143	1145	1147	rBV	61194	90282	3.97%	0.238%
85	14.811	1154	1157	1161	rBV	556420	1156110	50.82%	3.049%
86	14.868	1161	1162	1164	rVV	97767	120647	5.30%	0.318%
87	14.902	1164	1165	1170	rVB	144523	163958	7.21%	0.432%
88	15.074	1178	1180	1183	rVB	326812	392745	17.26%	1.036%
89	15.131	1183	1185	1187	rVV	510277	649103	28.53%	1.712%
90	15.188	1187	1190	1196	rVV2	458705	918819	40.39%	2.424%
91	15.280	1196	1198	1201	rVB3	74064	107176	4.71%	0.283%
92	15.577	1222	1224	1226	rBV	85001	153606	6.75%	0.405%
93	15.760	1238	1240	1244	rVB2	72475	131982	5.80%	0.348%
94	16.137	1271	1273	1279	rVB3	79662	159792	7.02%	0.421%
95	16.468	1300	1302	1308	rBV	202965	445100	19.57%	1.174%
96	16.628	1313	1316	1319	rBV2	93712	188982	8.31%	0.498%
97	16.686	1319	1321	1324	rVB2	59300	111992	4.92%	0.295%
98	16.857	1334	1336	1343	rBV	153474	379221	16.67%	1.000%
99	18.846	1506	1510	1522	rVB	40132	178463	7.84%	0.471%
100	19.017	1522	1525	1529	rBV	22752	72876	3.20%	0.192%

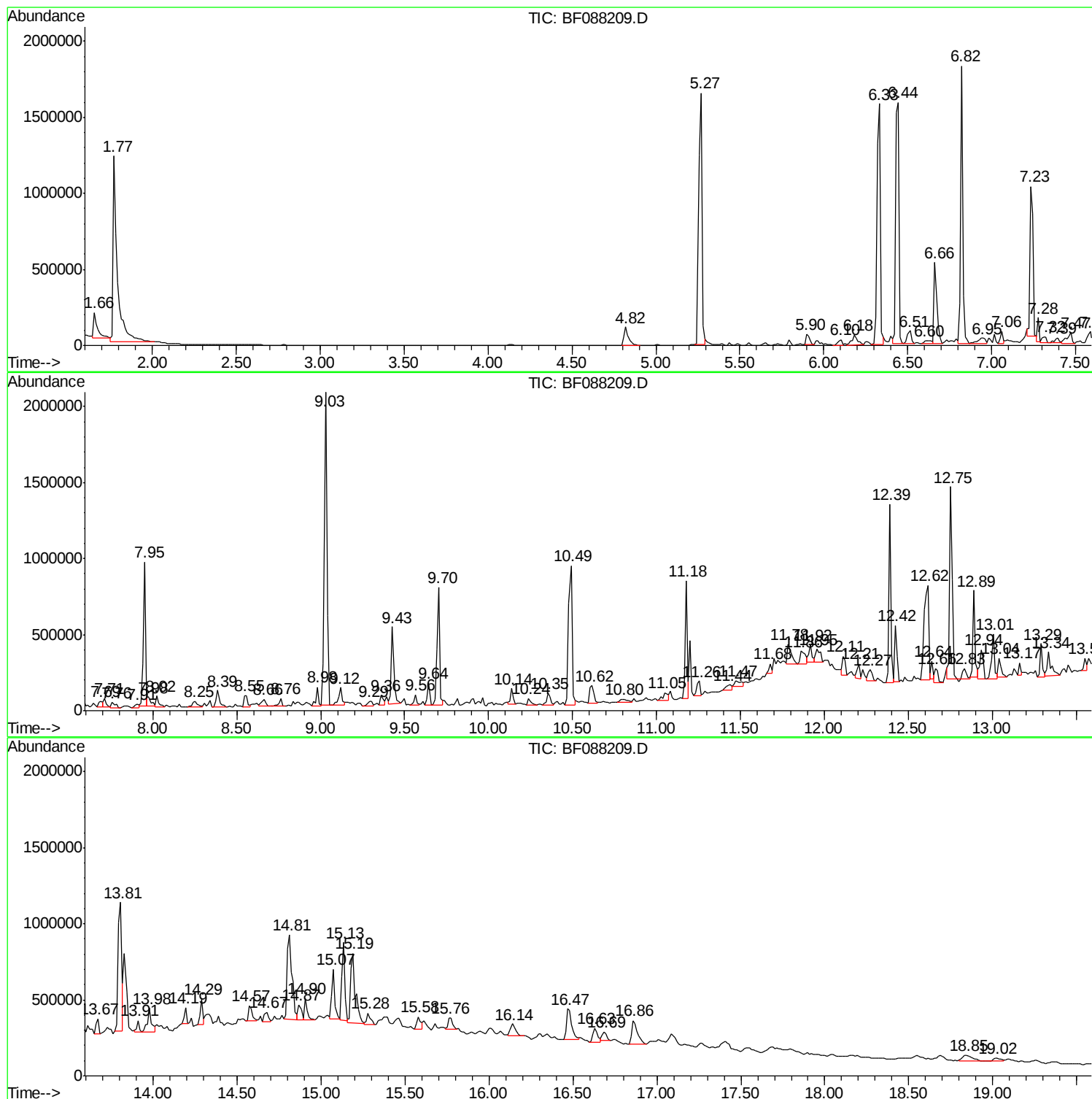
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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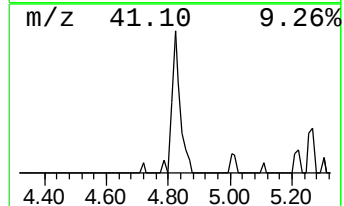
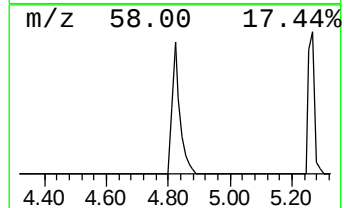
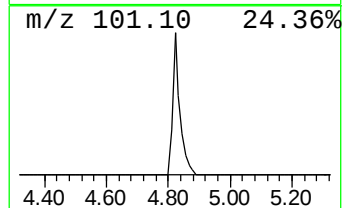
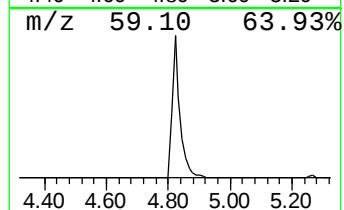
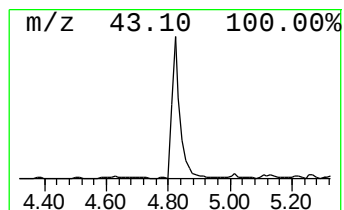
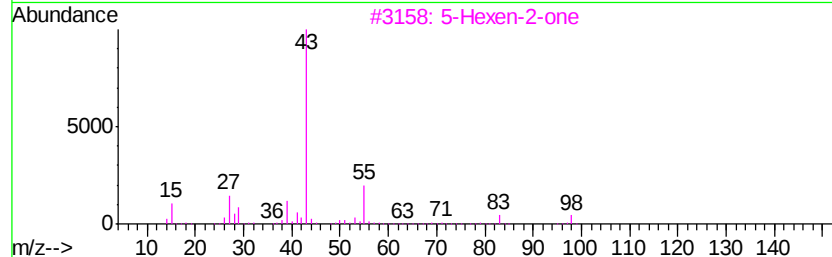
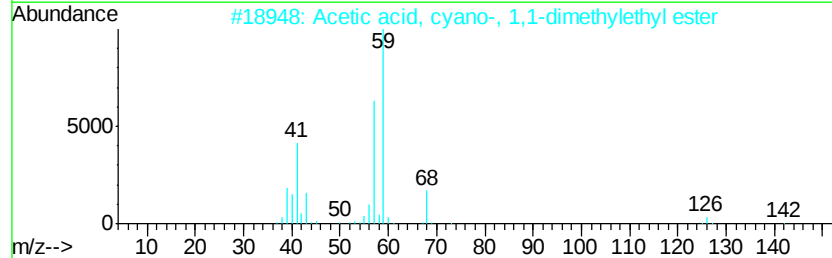
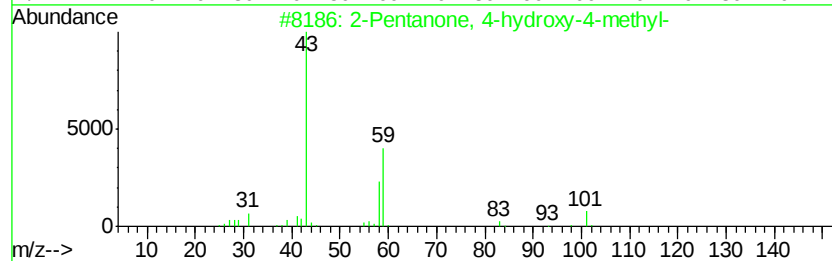
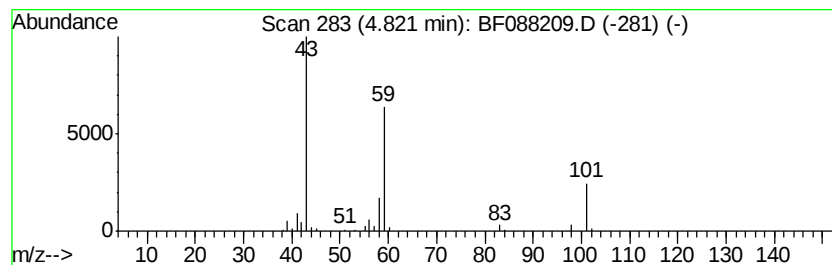
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	6.12 ng	212779	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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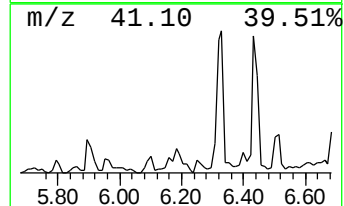
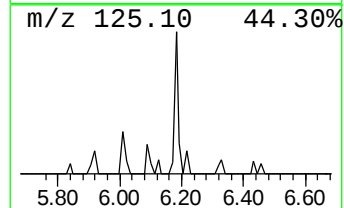
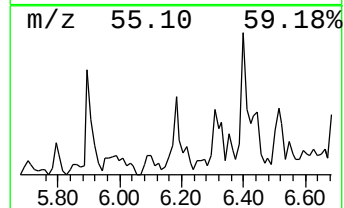
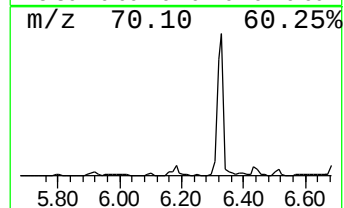
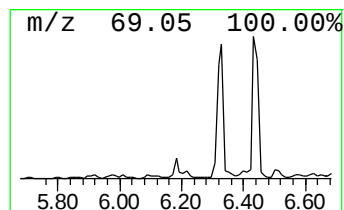
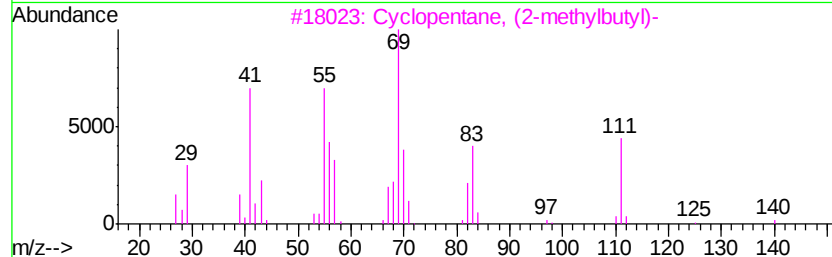
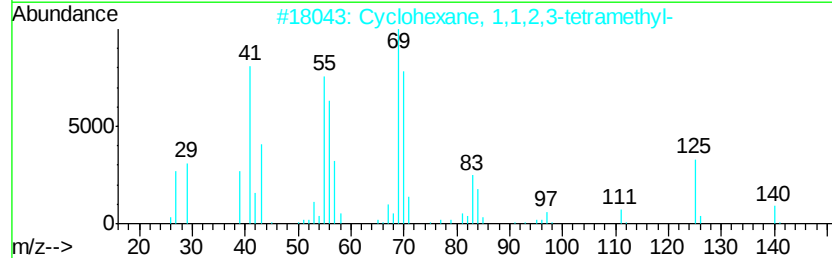
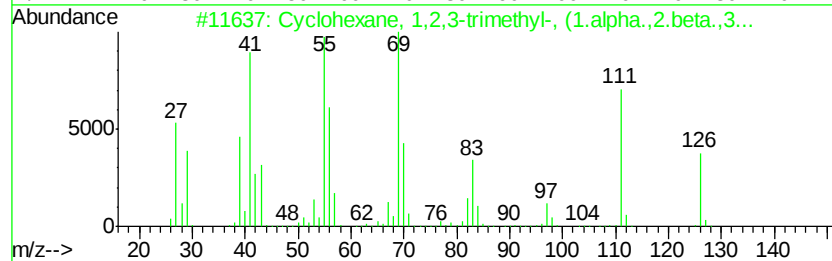
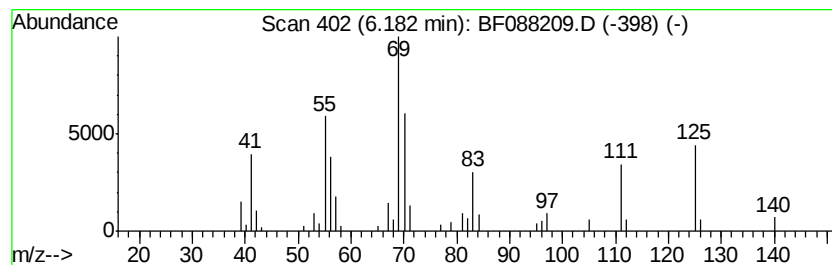
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,2,3-trimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	4.32 ng	150444	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	76
2		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
3		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
4		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47



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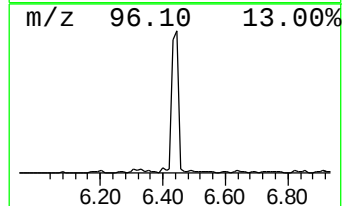
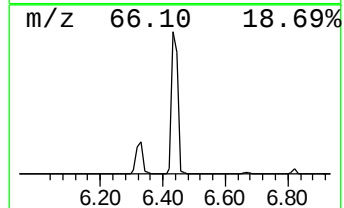
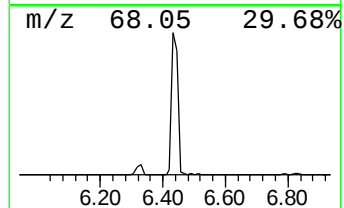
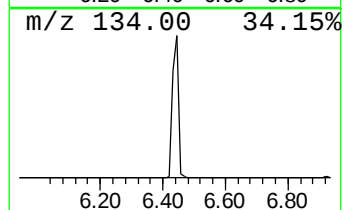
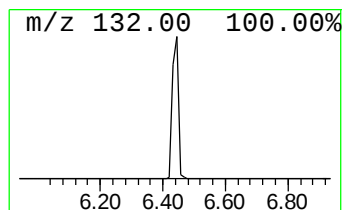
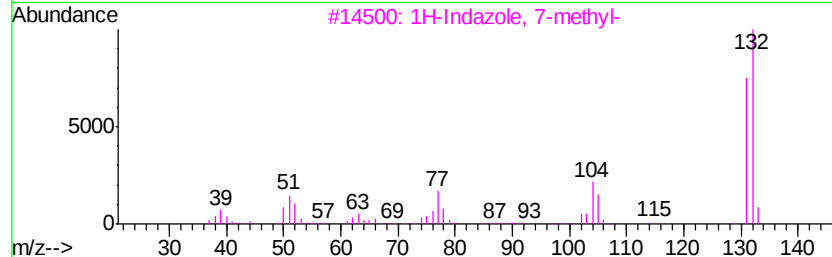
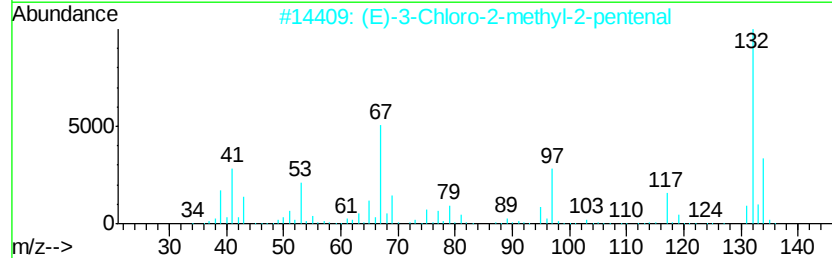
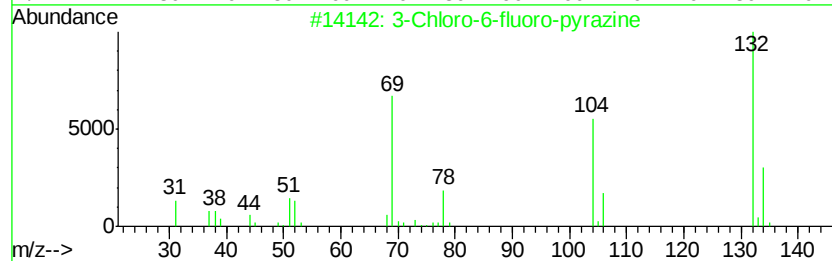
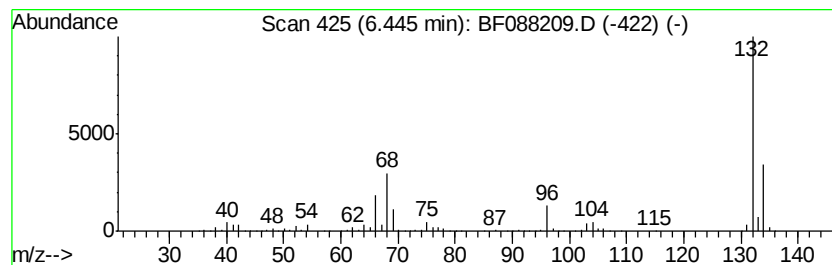
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TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	63.26 ng	2200980	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	50
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	25
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088209.D
Acq On : 21 Jun 2016 9:57
Operator : UM/SJ
Sample : H3474-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-B4(6-12)C

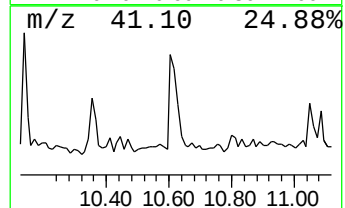
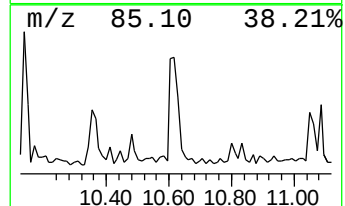
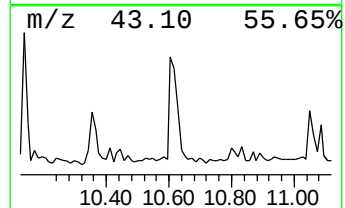
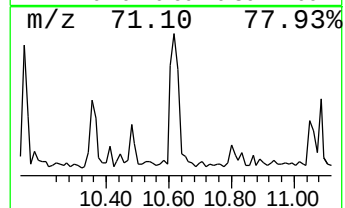
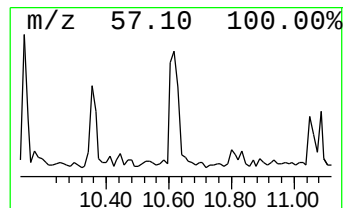
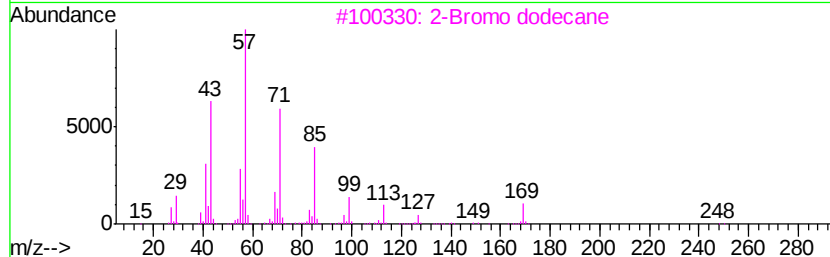
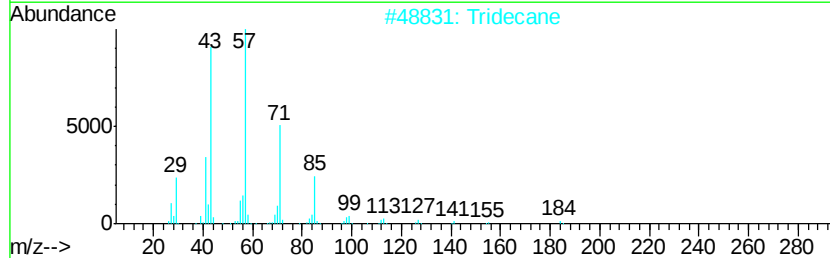
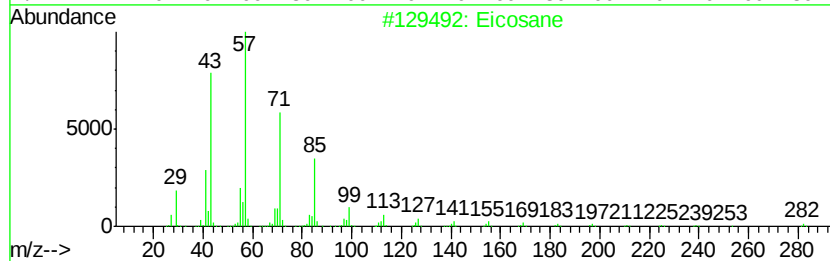
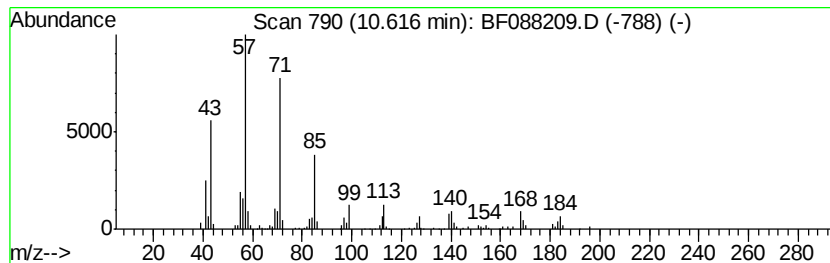
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	6.07 ng	205319	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	86
2	Tridecane		184	C13H28	000629-50-5	83
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	80
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	80
5	Tridecane, 5-propyl-		226	C16H34	055045-11-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088209.D
Acq On : 21 Jun 2016 9:57
Operator : UM/SJ
Sample : H3474-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

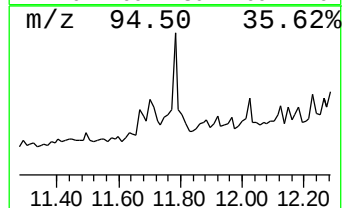
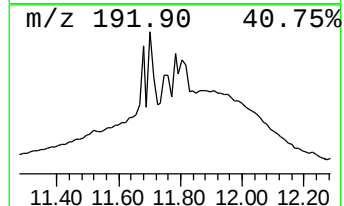
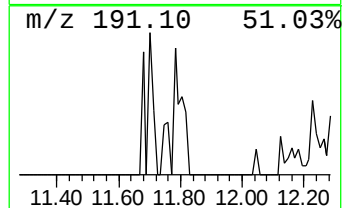
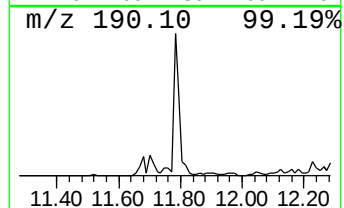
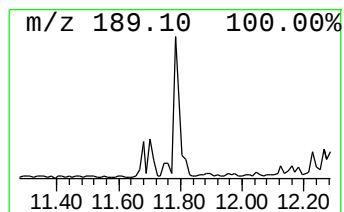
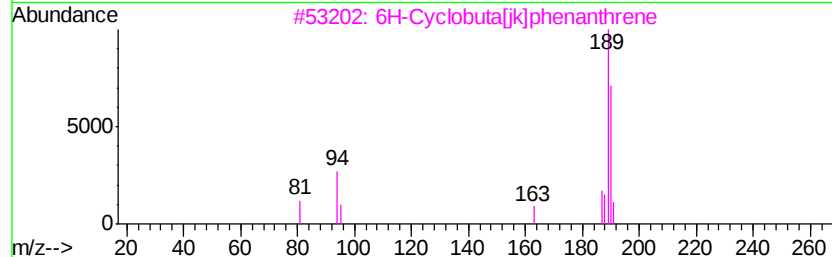
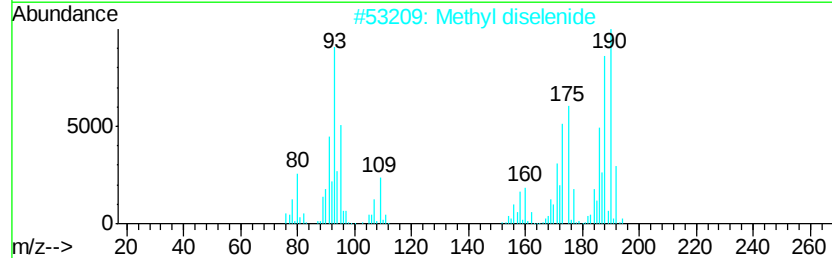
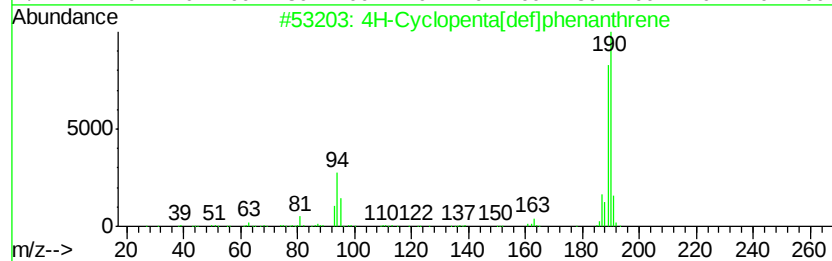
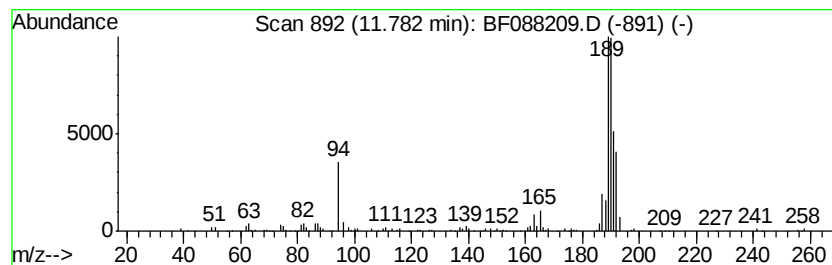
Instrument :
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ClientSampleId :
S7-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	6.49 ng	219620	Phenanthrene-d10	11.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	42
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088209.D
Acq On : 21 Jun 2016 9:57
Operator : UM/SJ
Sample : H3474-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

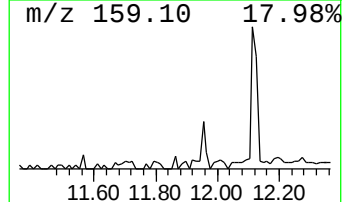
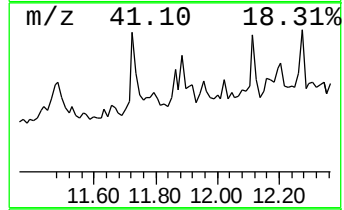
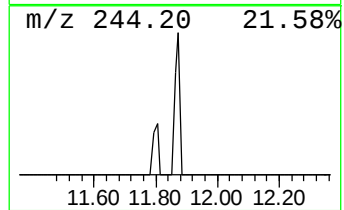
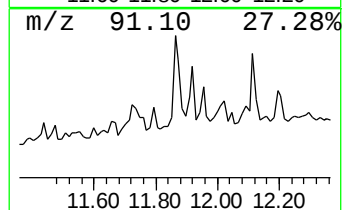
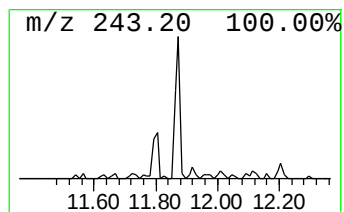
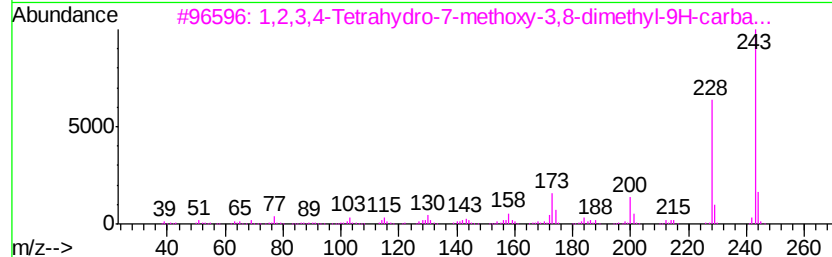
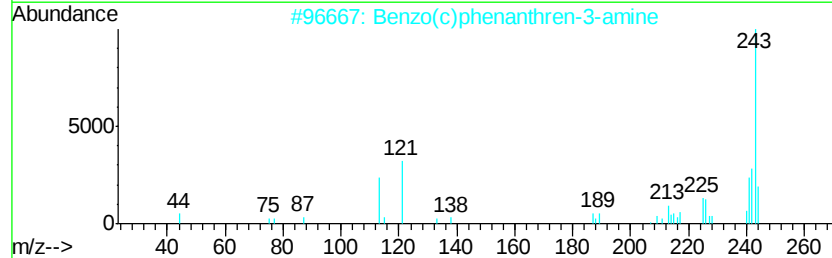
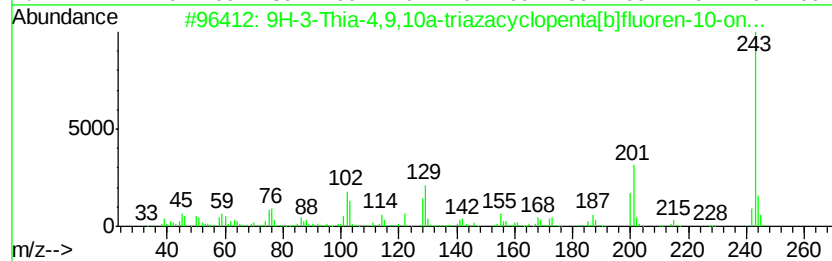
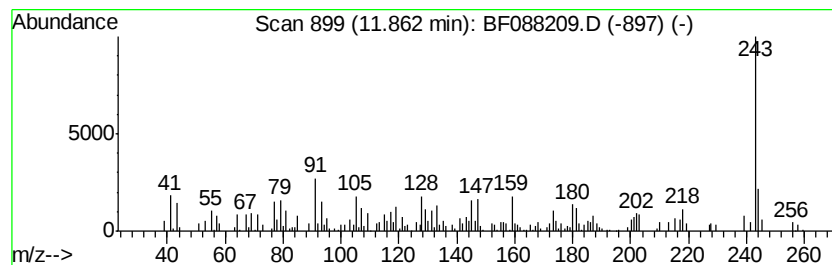
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ClientSampleId :
S7-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9H-3-Thia-4,9,10a-triazacyc... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	5.46 ng	184632	Phenanthrene-d10	11.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-3-Thia-4,9,10a-triazacyclopenten...	243	C12H9N3OS	1000316-46-7	70
2	Benzo(c)phenanthren-3-amine	243	C18H13N	004176-46-9	52
3	1,2,3,4-Tetrahydro-7-methoxv-3,8...	243	C15H17N02	1000281-20-4	50
4	3a-(3,4-Methylenedioxy)-hexahydr...	243	C15H17N02	109535-43-5	50
5	8-Methoxy-1,3,4,4a,5,6-hexahydro...	243	C15H17N02	1000332-52-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088209.D
Acq On : 21 Jun 2016 9:57
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Sample : H3474-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S7-B4(6-12)C

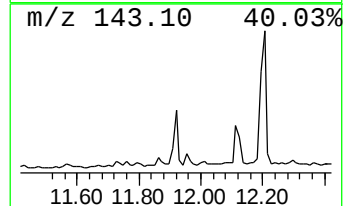
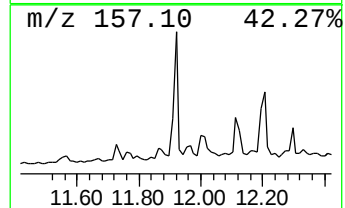
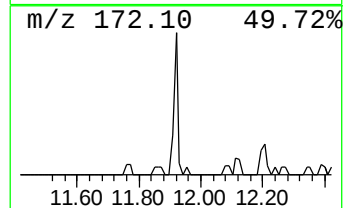
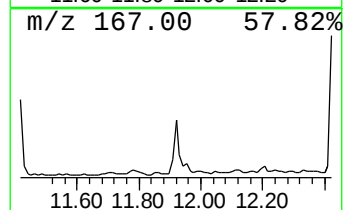
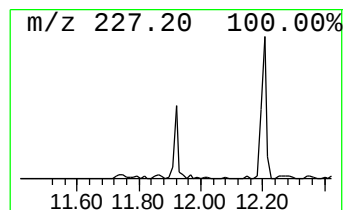
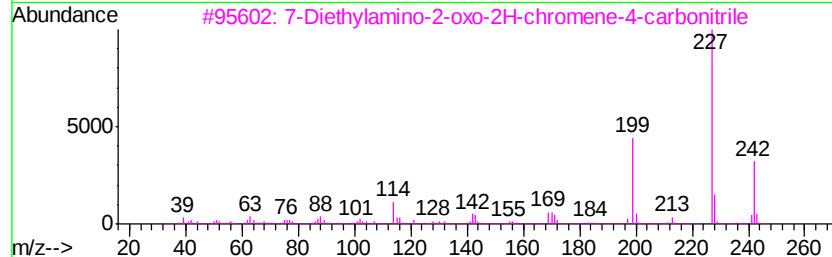
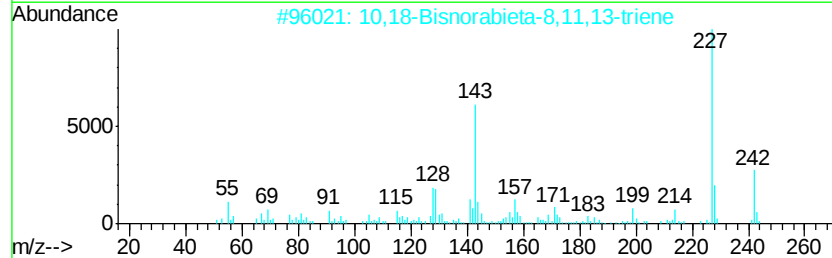
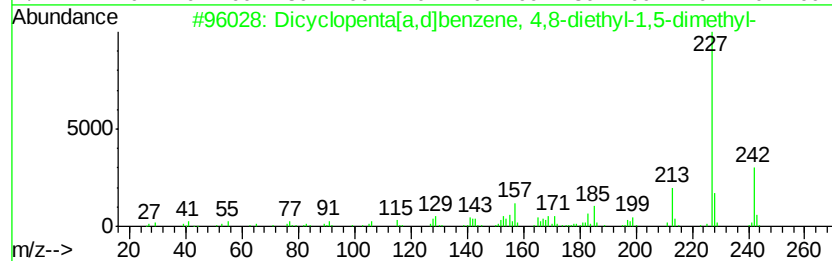
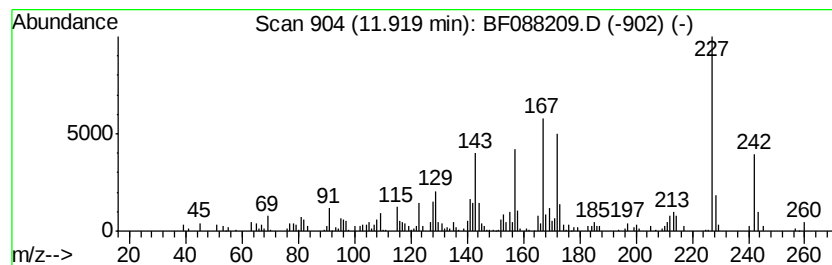
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.92 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.60 ng	155714	Phenanthrene-d10	11.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dicvclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	49
2			10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	38
3			7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	38
4			1-Dimethylphenylsilyloxy-3-methy...	242	C15H18OSi	1000307-90-4	38
5			2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088209.D
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Misc :
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Instrument :
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ClientSampleId :
S7-B4(6-12)C

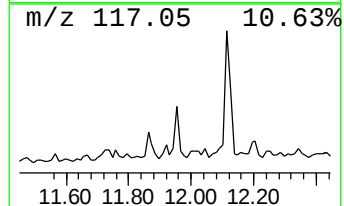
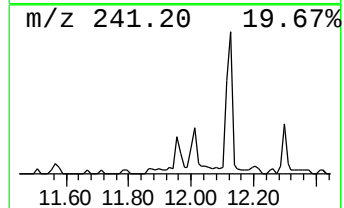
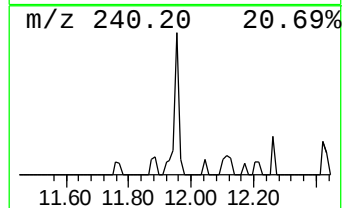
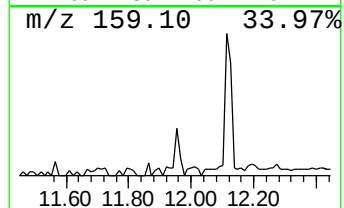
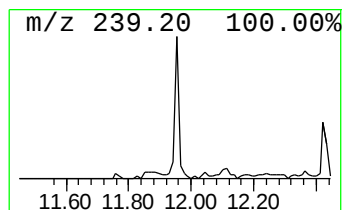
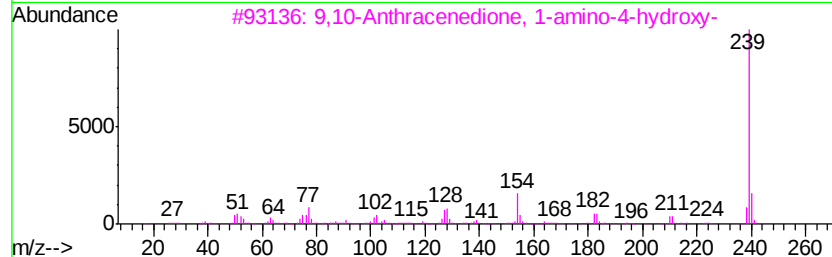
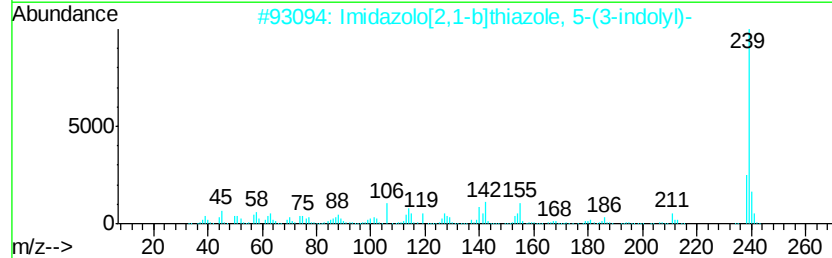
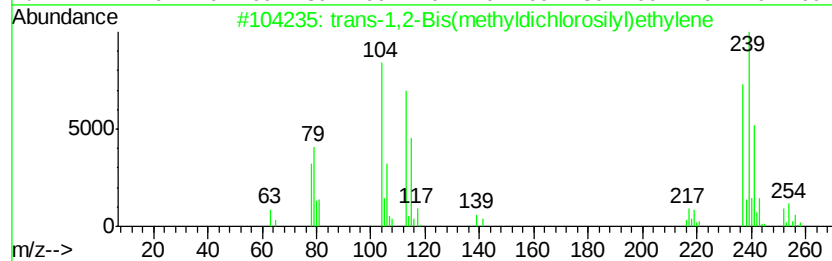
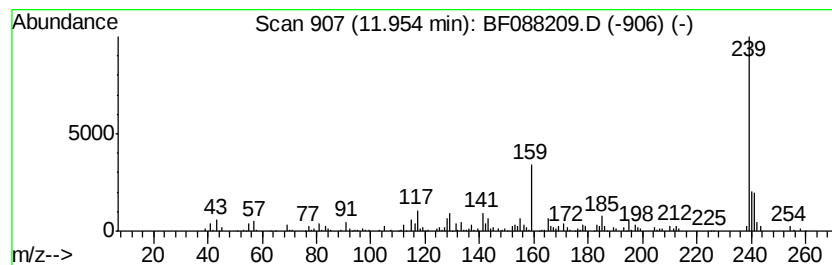
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 trans-1,2-Bis(methyldichlor... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.20 ng	142105	Phenanthrene-d10	11.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,2-Bis(methyldichlorosilyl)ethylene	252	C4H8Cl4Si2	065899-10-7	60
2			Imidazo[2,1-b]thiazole, 5-(3-indolyl)-	239	C13H9N3S	327097-37-0	50
3			9,10-Anthracenedione, 1-amino-4-hydroxy-	239	C14H9NO3	000116-85-8	49
4			2-(p-Acetylanilino)tropone	239	C15H13NO2	1000241-52-9	47
5			((3-Indolyl)(methylthio)methylene)...	239	C13H9N3S	018374-66-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088209.D
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Operator : UM/SJ
Sample : H3474-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
S7-B4(6-12)C

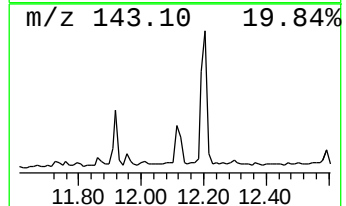
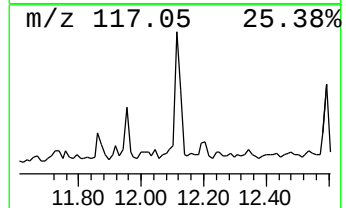
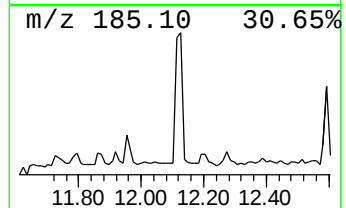
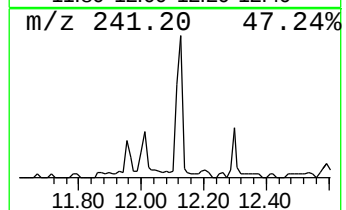
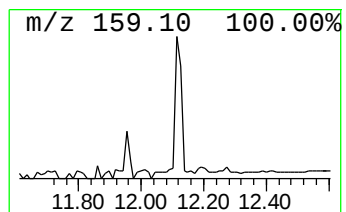
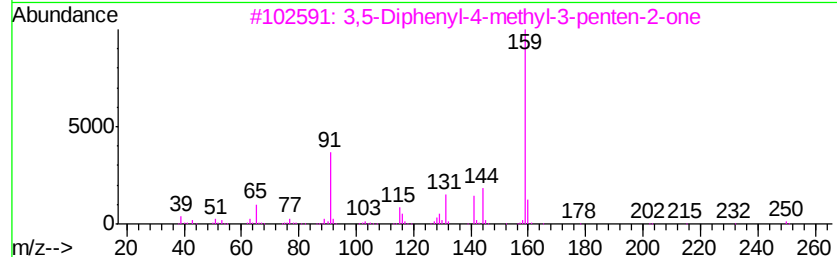
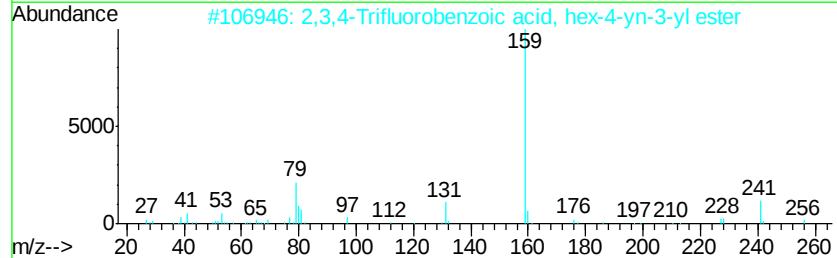
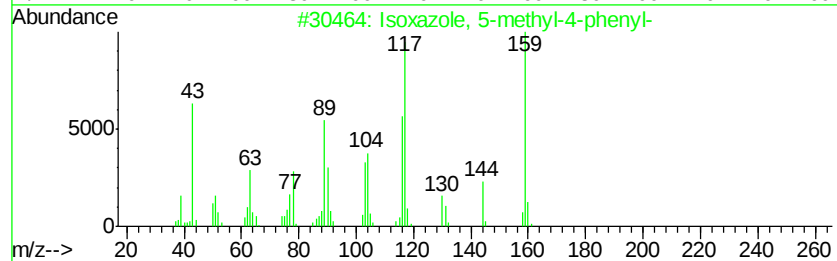
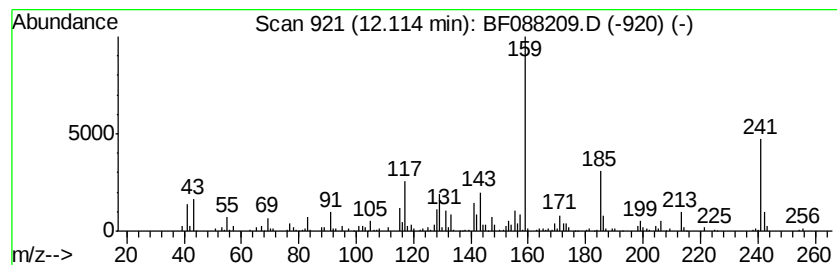
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.11 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.57 ng	154520	Phenanthrene-d10	11.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30
2		2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	22
3		3,5-Diphenyl-4-methyl-3-penten-2...	250	C18H18O	081826-04-2	22
4		1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	17
5		2,5-Dimethoxybenzenesulfonyl chl...	236	C8H9ClO4S	001483-28-9	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
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ClientSampleId :
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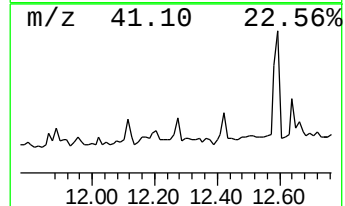
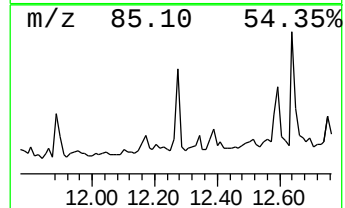
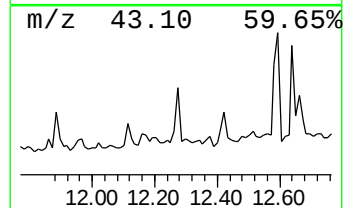
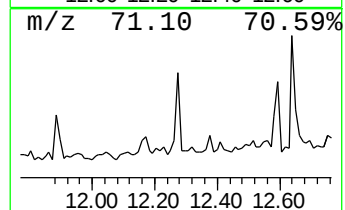
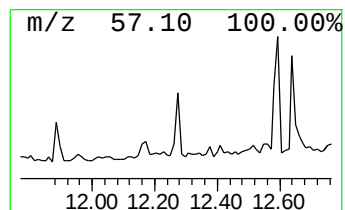
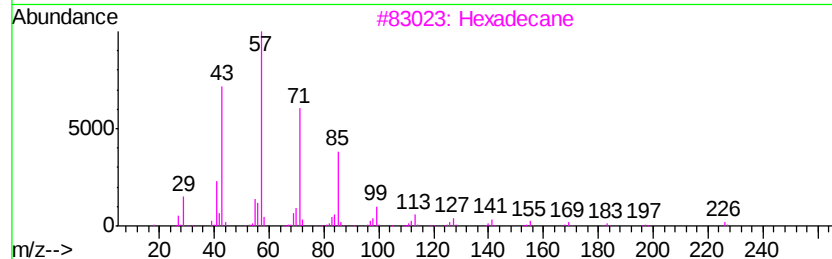
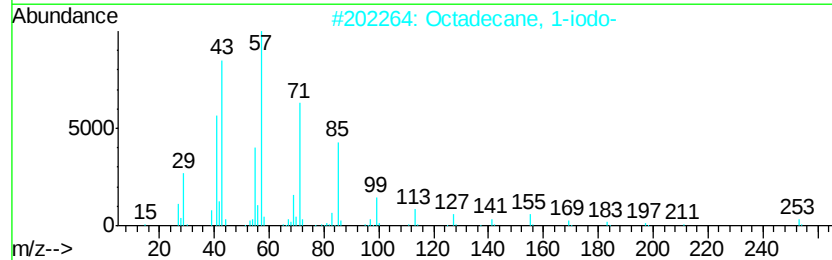
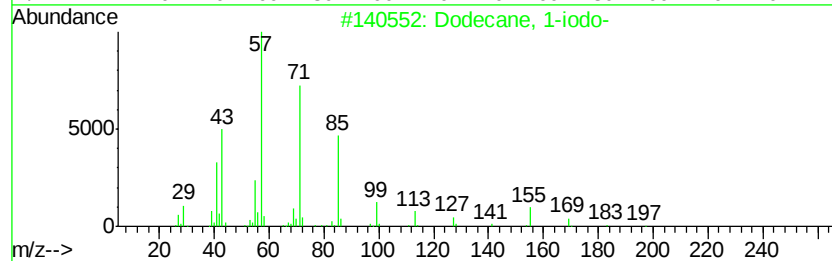
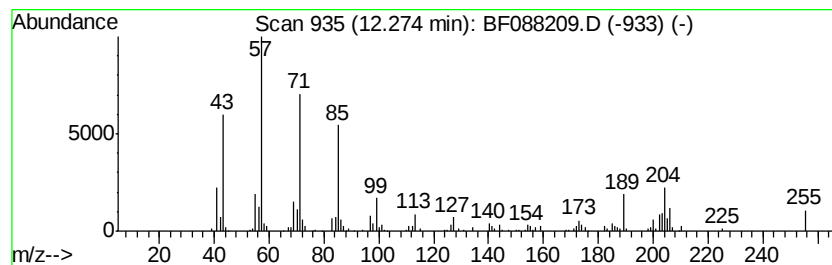
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.27 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.92 ng	132652	Phenanthrene-d10	11.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49
3			Hexadecane	226	C16H34	000544-76-3	49
4			Heptadecane	240	C17H36	000629-78-7	49
5			Tetracosane	338	C24H50	000646-31-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
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Acq On : 21 Jun 2016 9:57
Operator : UM/SJ
Sample : H3474-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

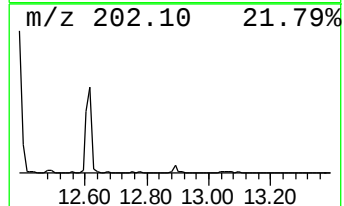
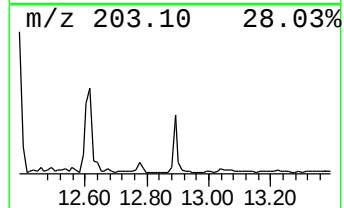
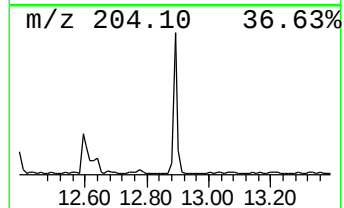
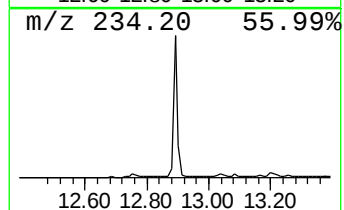
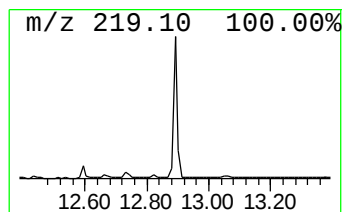
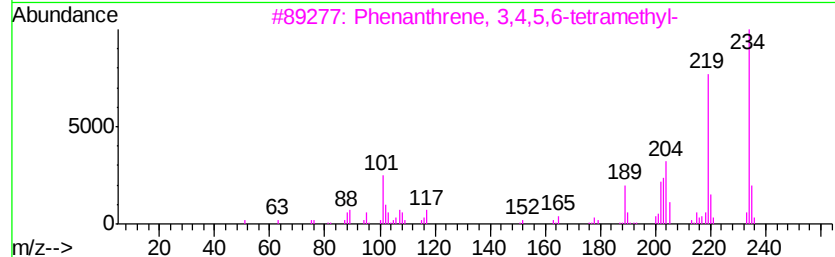
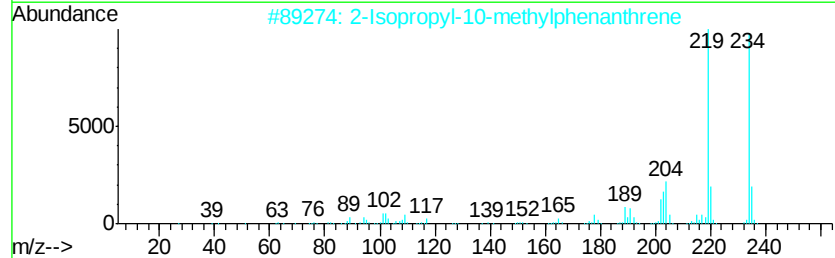
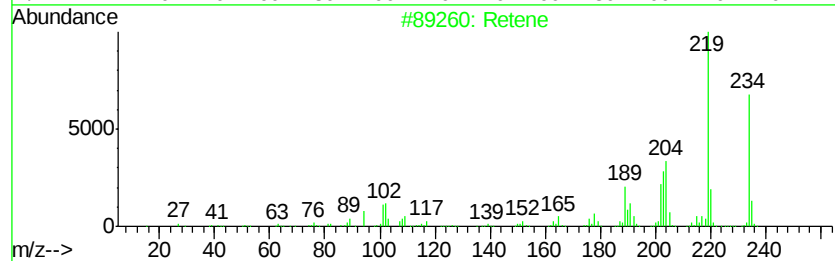
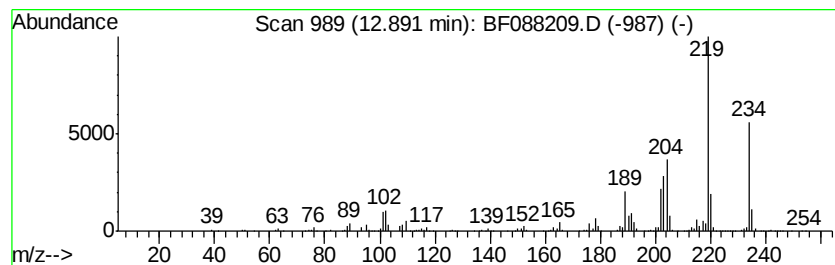
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S7-B4(6-12)C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Retene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.89	7.88 ng	519157	Chrysene-d12	13.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	53
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
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Instrument :
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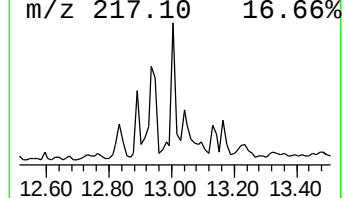
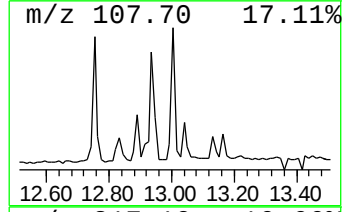
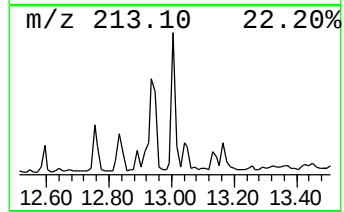
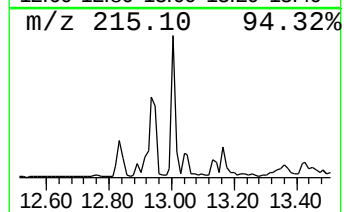
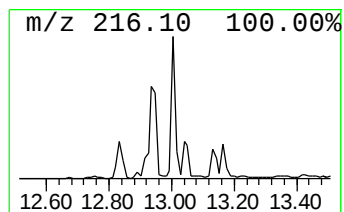
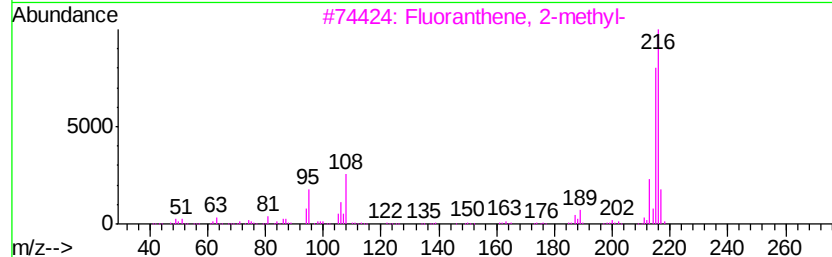
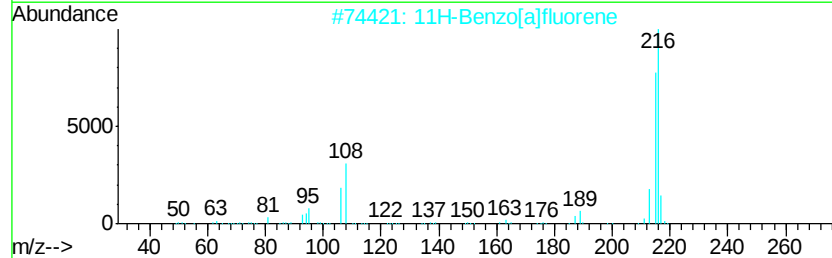
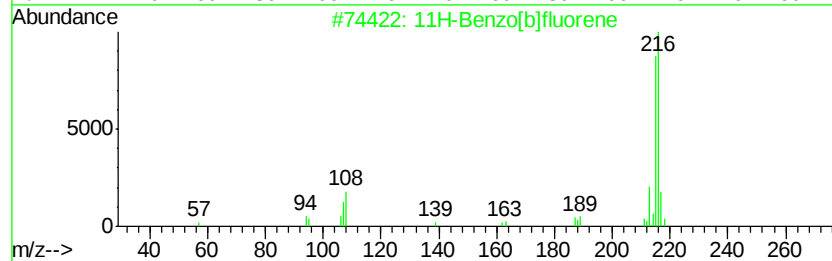
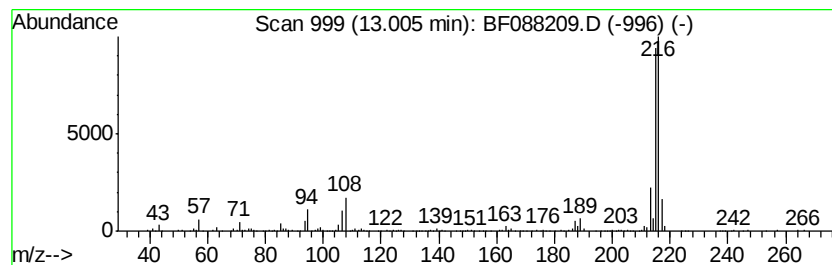
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.32 ng	350233	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088209.D
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Operator : UM/SJ
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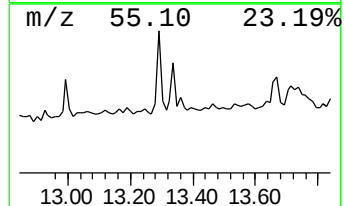
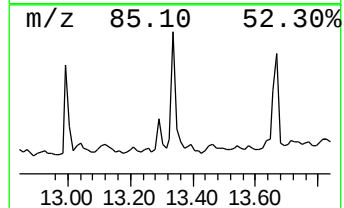
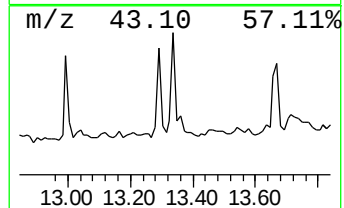
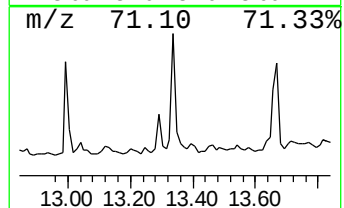
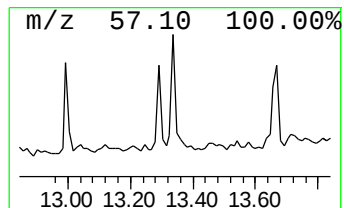
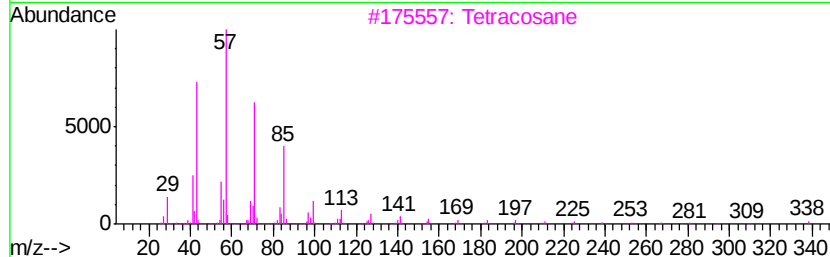
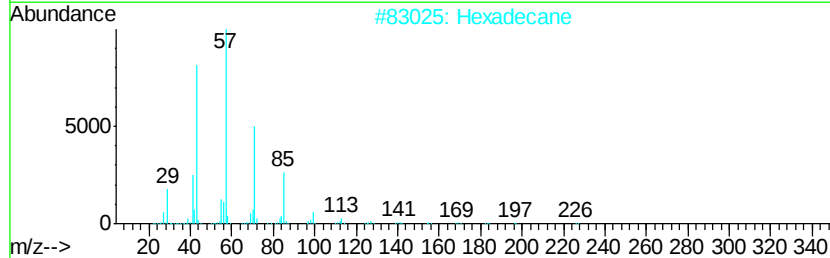
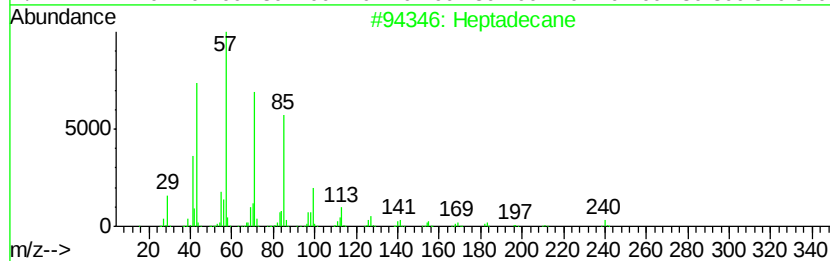
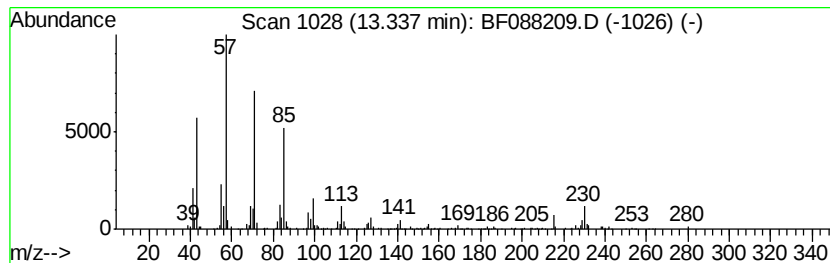
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	3.94 ng	259520	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Hexadecane	226	C16H34	000544-76-3	94
3		Tetracosane	338	C24H50	000646-31-1	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Octadecane	254	C18H38	000593-45-3	80



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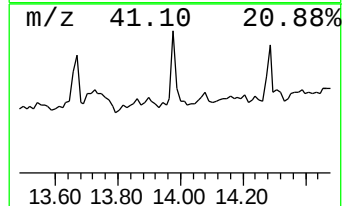
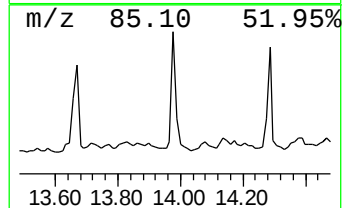
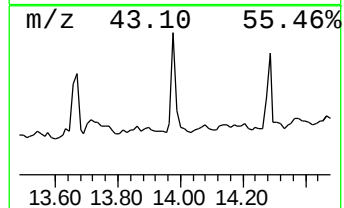
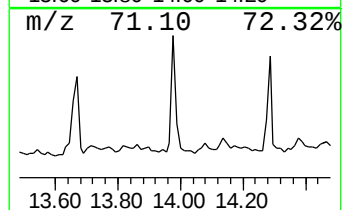
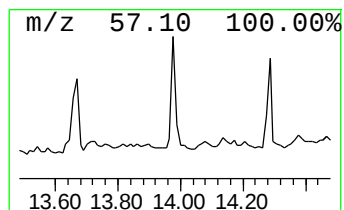
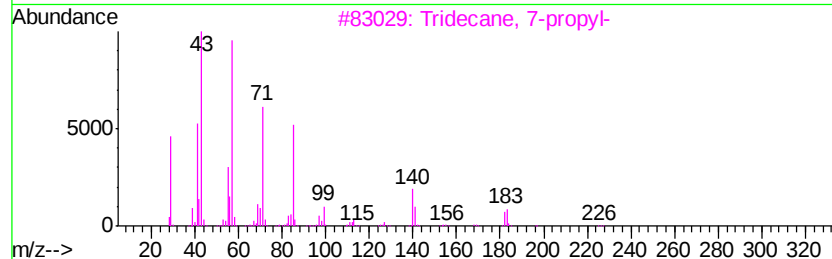
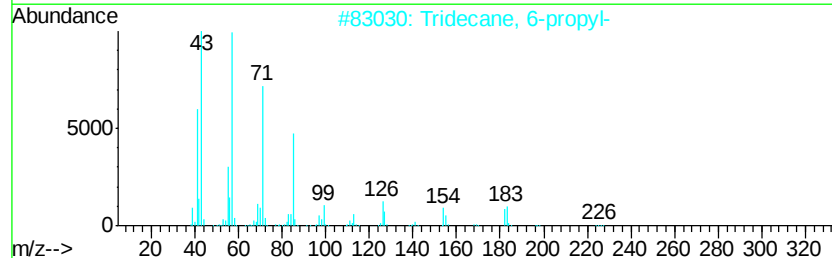
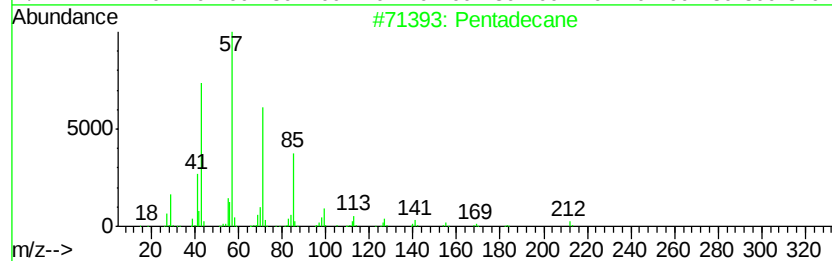
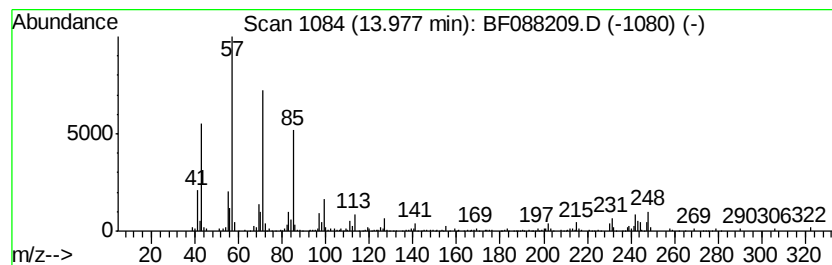
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	4.41 ng	290133	Chrysene-d12	13.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane		212 C15H32	000629-62-9 93
2	Tridecane, 6-propyl-		226 C16H34	055045-10-8 81
3	Tridecane, 7-propyl-		226 C16H34	055045-09-5 81
4	Heneicosane		296 C21H44	000629-94-7 81
5	Tetradecane, 2,6,10-trimethyl-		240 C17H36	014905-56-7 81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088209.D
Acq On : 21 Jun 2016 9:57
Operator : UM/SJ
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Misc :
ALS Vial : 39 Sample Multiplier: 1

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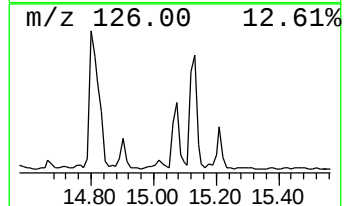
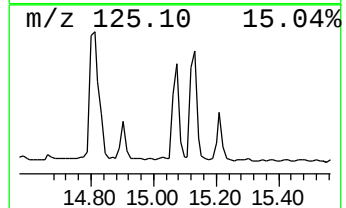
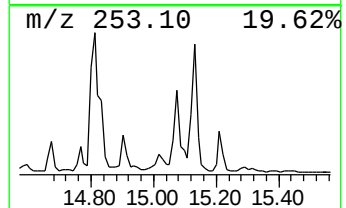
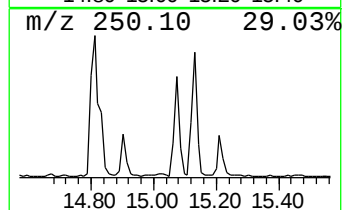
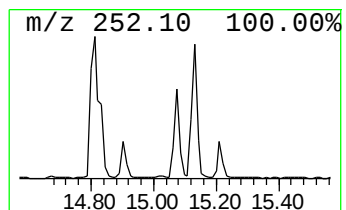
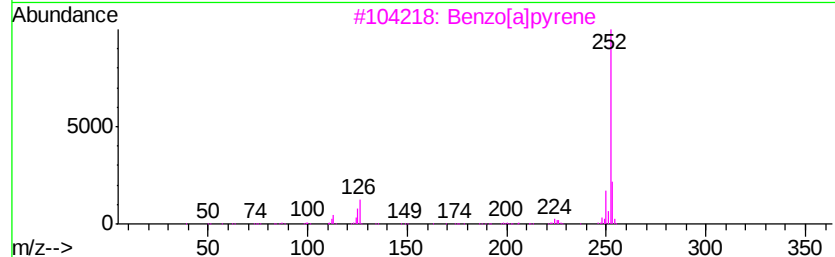
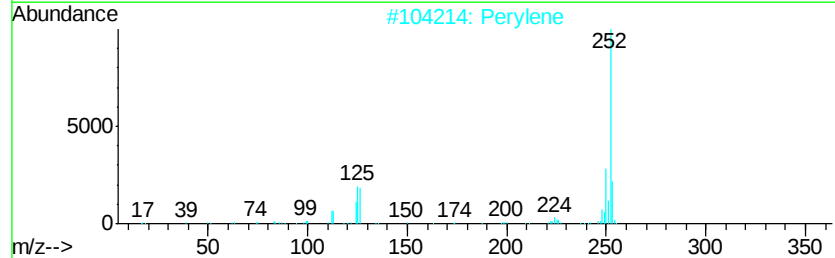
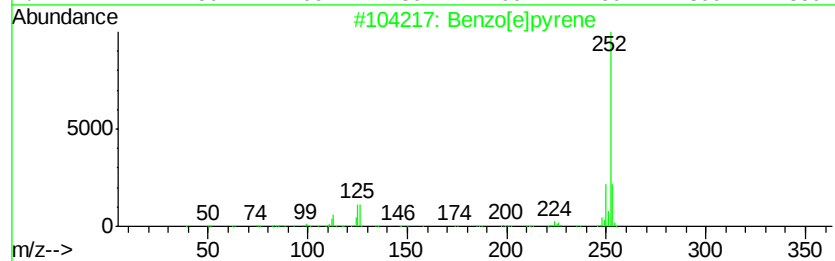
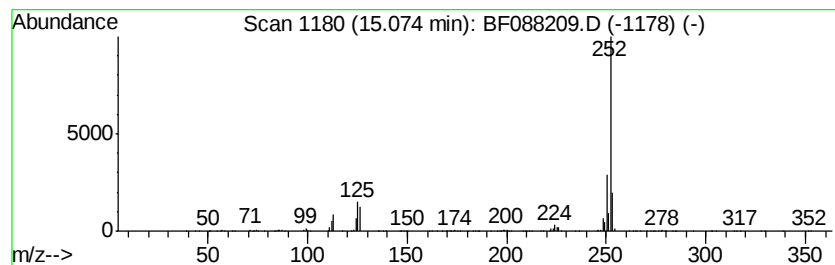
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	8.55 ng	392745	Perylene-d12	15.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
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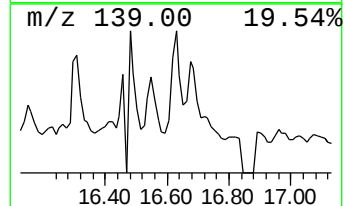
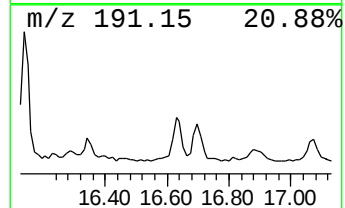
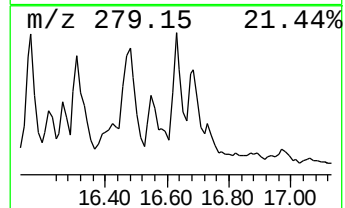
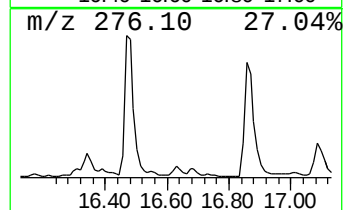
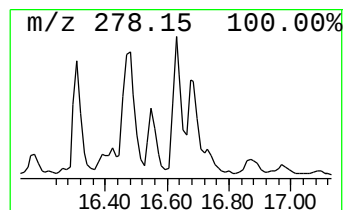
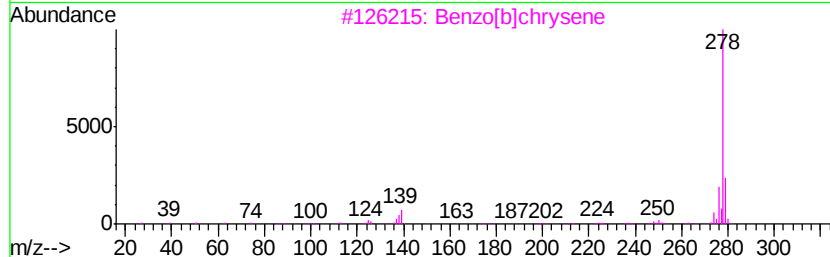
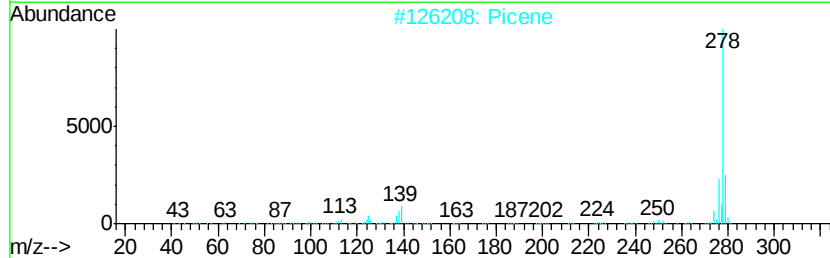
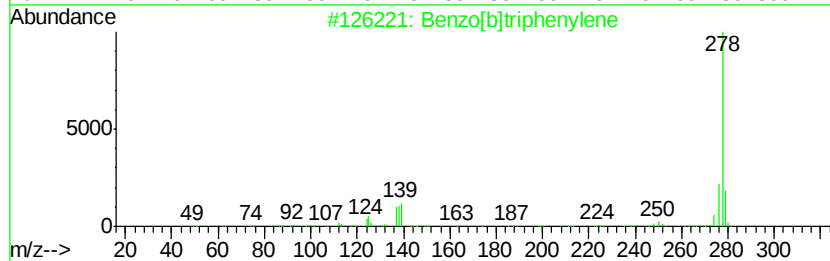
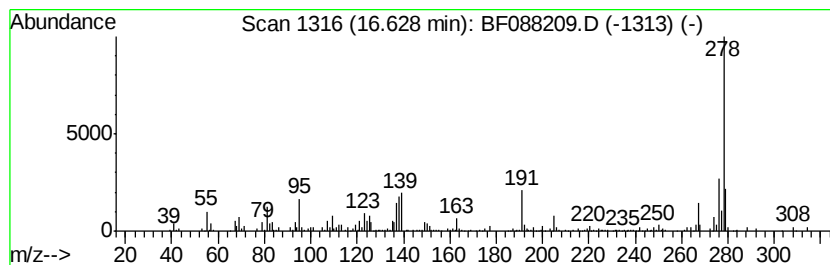
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	4.11 ng	188982	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2		Picene	278	C22H14	000213-46-7	96
3		Benzo[b]chrysene	278	C22H14	000214-17-5	96
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
5		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	83



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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.82	6.1 ng		212779	1	6.66	695822	20.0
Cyclohexane, 1,2,...	6.18	4.3 ng		150444	1	6.66	695822	20.0
3-Chloro-6-fluoro...	6.44	63.3 ng		2200980	1	6.66	695822	20.0
Eicosane	10.62	6.1 ng		205319	4	11.18	676303	20.0
4H-Cyclopenta[def...	11.78	6.5 ng		219620	4	11.18	676303	20.0
9H-3-Thia-4,9,10a...	11.86	5.5 ng		184632	4	11.18	676303	20.0
unknown11.92	11.92	4.6 ng		155714	4	11.18	676303	20.0
trans-1,2-Bis(met...	11.95	4.2 ng		142105	4	11.18	676303	20.0
unknown12.11	12.11	4.6 ng		154520	4	11.18	676303	20.0
unknown12.27	12.27	3.9 ng		132652	4	11.18	676303	20.0
Retene	12.89	7.9 ng		519157	5	13.81	1317210	20.0
11H-Benzo[b]fluorene	13.01	5.3 ng		350233	5	13.81	1317210	20.0
Heptadecane	13.34	3.9 ng		259520	5	13.81	1317210	20.0
Pentadecane	13.98	4.4 ng		290133	5	13.81	1317210	20.0
Benzo[e]pyrene	15.07	8.6 ng		392745	6	15.19	918819	20.0
Benzo[b]triphenylene	16.63	4.1 ng		188982	6	15.19	918819	20.0