

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089631.D
 Acq On : 5 Aug 2016 15:29
 Operator : UM/SJ
 Sample : H4292-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPC-072716

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-BF080416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.650	265	268	281	rBV	150297	358294	27.36%	1.881%
2	5.336	326	328	347	rBV	475852	1033875	78.95%	5.428%
3	6.993	470	473	479	rBV	576590	1053669	80.46%	5.532%
4	7.096	479	482	504	rVB	862757	1309486	100.00%	6.875%
5	7.439	510	512	526	rBV	201308	299846	22.90%	1.574%
6	7.679	530	533	547	rBV	625513	886714	67.71%	4.656%
7	8.353	589	592	601	rBV	411491	693094	52.93%	3.639%
8	8.479	601	603	608	rVB	35208	47871	3.66%	0.251%
9	9.462	687	689	707	rBV	273126	436486	33.33%	2.292%
10	11.245	842	845	848	rBV	856853	1247962	95.30%	6.552%
11	11.942	903	906	909	rBV	176083	246764	18.84%	1.296%
12	12.068	915	917	922	rVB	10797	18310	1.40%	0.096%
13	12.285	934	936	939	rBV	300114	470020	35.89%	2.468%
14	12.331	939	940	944	rVB2	16407	25220	1.93%	0.132%
15	13.154	1009	1012	1013	rBV	18981	27121	2.07%	0.142%
16	13.188	1013	1015	1020	rVB	9158	14823	1.13%	0.078%
17	13.577	1047	1049	1058	rBV	507736	715687	54.65%	3.758%
18	13.919	1077	1079	1088	rVB	29869	54036	4.13%	0.284%
19	14.651	1141	1143	1144	rBV	19285	21947	1.68%	0.115%
20	14.685	1144	1146	1148	rVV	308681	440081	33.61%	2.311%
21	14.720	1148	1149	1154	rVV	142251	174239	13.31%	0.915%
22	14.811	1154	1157	1160	rVV2	40210	74823	5.71%	0.393%
23	14.857	1160	1161	1164	rVV	20153	32141	2.45%	0.169%
24	14.902	1164	1165	1167	rVV	12153	17015	1.30%	0.089%
25	15.325	1199	1202	1207	rVB	9483	15218	1.16%	0.080%
26	15.485	1212	1216	1218	rBV	22002	29966	2.29%	0.157%
27	15.531	1218	1220	1222	rVV	18319	28845	2.20%	0.151%
28	15.577	1222	1224	1227	rVV2	21445	45416	3.47%	0.238%
29	15.634	1227	1229	1231	rVV	49299	74957	5.72%	0.394%
30	15.703	1231	1235	1241	rVB2	120264	224882	17.17%	1.181%
31	15.943	1254	1256	1258	rVV2	21548	36714	2.80%	0.193%
32	15.977	1258	1259	1263	rVB	12372	18173	1.39%	0.095%
33	16.285	1284	1286	1288	rBV	17993	23219	1.77%	0.122%
34	16.331	1288	1290	1292	rVV	9469	15869	1.21%	0.083%

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35	16.400	1295	1296	1301	rVB	15166	25436	1.94%	0.134%
36	16.491	1301	1304	1307	rBV	241452	334308	25.53%	1.755%
37	16.628	1311	1316	1319	rBV3	9497	30344	2.32%	0.159%
38	16.697	1319	1322	1328	rVV4	22670	64327	4.91%	0.338%
39	16.788	1328	1330	1336	rVV	308982	397260	30.34%	2.086%
40	16.914	1339	1341	1345	rVV	27731	34362	2.62%	0.180%
41	16.983	1345	1347	1350	rVV	18771	28920	2.21%	0.152%
42	17.051	1350	1353	1356	rVV	668248	864225	66.00%	4.537%
43	17.120	1356	1359	1365	rVB3	19230	42288	3.23%	0.222%
44	17.234	1365	1369	1370	rBV	14405	31341	2.39%	0.165%
45	17.257	1370	1371	1374	rVB	26618	29989	2.29%	0.157%
46	17.348	1377	1379	1381	rBV	17468	19892	1.52%	0.104%
47	17.394	1381	1383	1387	rBV3	20146	51029	3.90%	0.268%
48	17.840	1419	1422	1424	rBV3	15154	17271	1.32%	0.091%
49	17.943	1429	1431	1435	rVB	12343	22707	1.73%	0.119%
50	18.091	1437	1444	1445	rBV4	16858	49661	3.79%	0.261%
51	18.114	1445	1446	1448	rVV	9965	14827	1.13%	0.078%
52	18.217	1453	1455	1457	rBV	12133	17175	1.31%	0.090%
53	18.308	1460	1463	1466	rVV4	57927	118423	9.04%	0.622%
54	18.377	1466	1469	1471	rVV2	265271	441549	33.72%	2.318%
55	18.411	1471	1472	1476	rVV2	93794	159182	12.16%	0.836%
56	18.503	1479	1480	1483	rVB	12976	19428	1.48%	0.102%
57	18.583	1486	1487	1492	rVV5	10378	25682	1.96%	0.135%
58	18.720	1496	1499	1504	rVB3	17579	31165	2.38%	0.164%
59	18.869	1508	1512	1516	rBV2	21541	60090	4.59%	0.315%
60	19.006	1522	1524	1525	rVV2	8786	14116	1.08%	0.074%
61	19.051	1525	1528	1530	rVV4	8848	21983	1.68%	0.115%
62	19.109	1530	1533	1541	rVB	122656	160916	12.29%	0.845%
63	19.486	1563	1566	1569	rBV	22000	41099	3.14%	0.216%
64	19.543	1569	1571	1573	rVB	21441	23264	1.78%	0.122%
65	19.623	1576	1578	1586	rVV2	288025	633009	48.34%	3.324%
66	19.749	1588	1589	1593	rVB2	19865	32637	2.49%	0.171%
67	19.852	1593	1598	1603	rBV	497734	988541	75.49%	5.190%
68	19.932	1603	1605	1607	rVV	89579	121892	9.31%	0.640%
69	19.989	1607	1610	1613	rVV	123660	199064	15.20%	1.045%
70	20.046	1613	1615	1623	rVV	258978	402811	30.76%	2.115%
71	20.172	1623	1626	1628	rVV3	31603	71866	5.49%	0.377%

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72	20.252	1631	1633	1637	rVV3	19791	53365	4.08%	0.280%
73	20.332	1637	1640	1644	rVV	216498	307235	23.46%	1.613%
74	20.412	1645	1647	1650	rVV3	11491	29987	2.29%	0.157%
75	20.480	1650	1653	1654	rVV2	18879	37815	2.89%	0.199%
76	20.514	1654	1656	1658	rVV	312285	482464	36.84%	2.533%
77	20.549	1658	1659	1663	rVV2	73189	151637	11.58%	0.796%
78	20.606	1663	1664	1670	rVV3	24869	60073	4.59%	0.315%
79	20.697	1670	1672	1675	rVV	28588	43938	3.36%	0.231%
80	20.766	1675	1678	1683	rVB6	22089	65996	5.04%	0.347%
81	20.903	1688	1690	1692	rBV	14063	20862	1.59%	0.110%
82	20.949	1692	1694	1697	rVB3	11900	21442	1.64%	0.113%
83	21.120	1704	1709	1715	rBV3	132223	245285	18.73%	1.288%
84	21.235	1716	1719	1724	rVV2	77653	162676	12.42%	0.854%
85	21.349	1726	1729	1733	rVV	167807	330803	25.26%	1.737%
86	21.417	1733	1735	1738	rVV3	36406	74200	5.67%	0.390%
87	21.486	1738	1741	1745	rVB3	31622	68591	5.24%	0.360%
88	21.566	1745	1748	1753	rBV	39146	96389	7.36%	0.506%
89	21.657	1753	1756	1761	rVV	121070	274474	20.96%	1.441%
90	21.737	1761	1763	1765	rVV2	17819	39813	3.04%	0.209%
91	21.795	1765	1768	1773	rVB5	25390	69462	5.30%	0.365%
92	21.897	1774	1777	1779	rVB2	10405	19920	1.52%	0.105%
93	21.966	1779	1783	1785	rBV3	25944	66737	5.10%	0.350%
94	22.046	1786	1790	1794	rVB5	30029	102663	7.84%	0.539%
95	22.172	1798	1801	1804	rBV3	35423	87358	6.67%	0.459%
96	22.412	1818	1822	1826	rBV	56498	135713	10.36%	0.713%
97	22.675	1842	1845	1854	rVB3	23108	73427	5.61%	0.386%
98	23.303	1897	1900	1908	rBV3	7826	28280	2.16%	0.148%
99	23.635	1927	1929	1936	rVB4	10654	25632	1.96%	0.135%
100	23.829	1945	1946	1953	rVB4	6698	15331	1.17%	0.080%

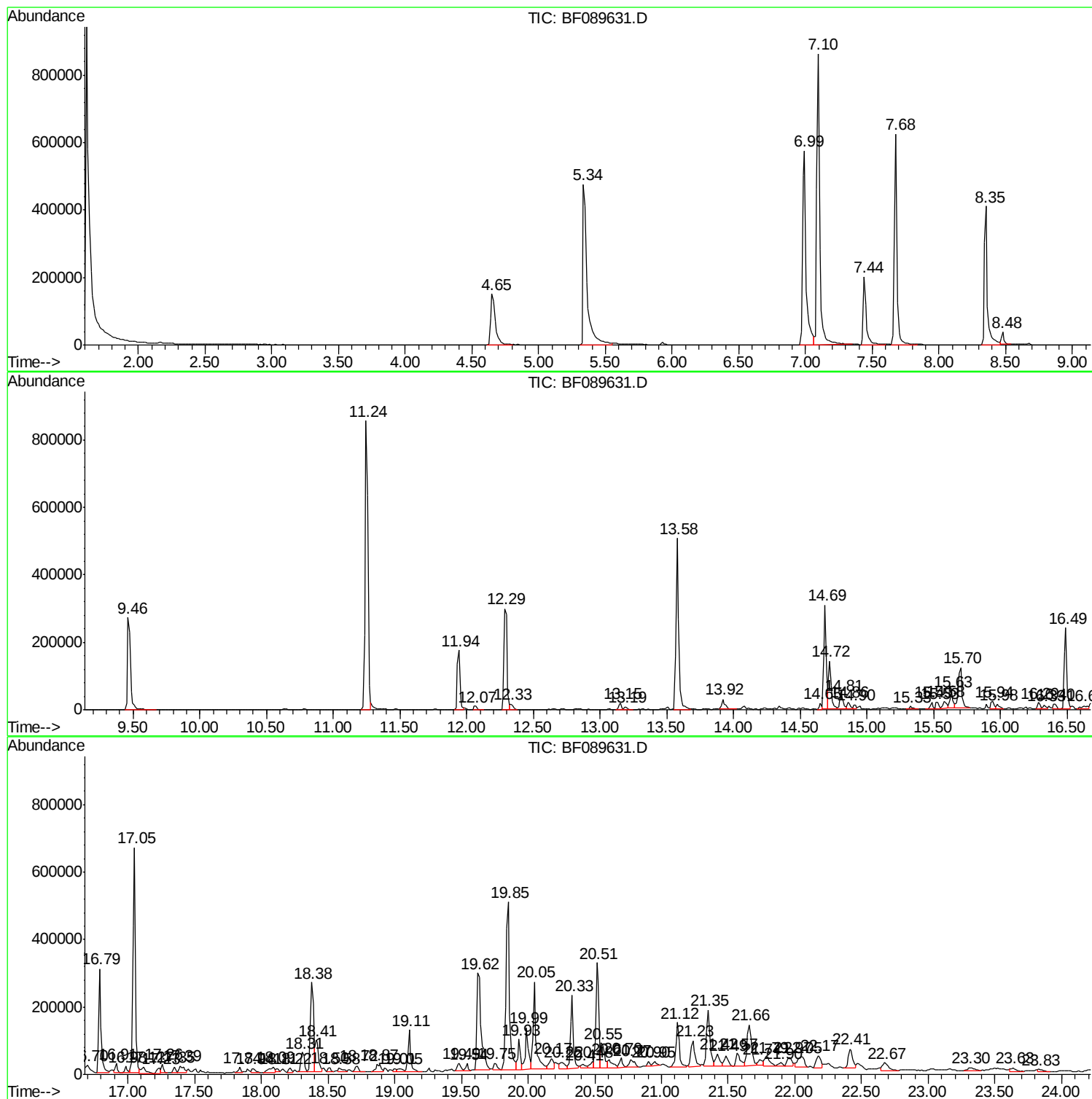
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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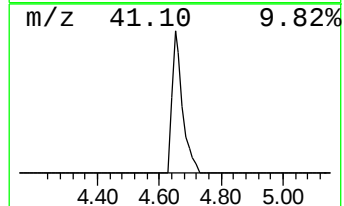
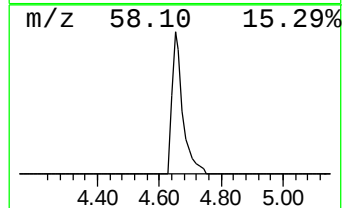
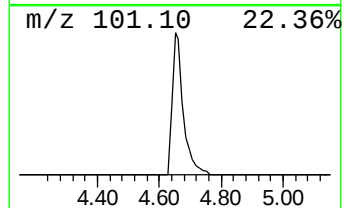
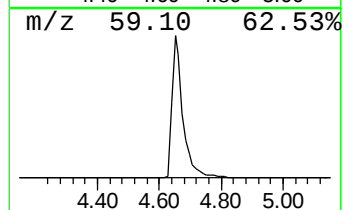
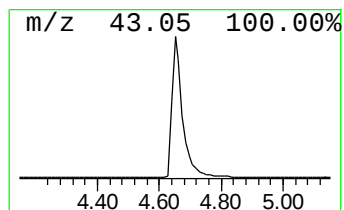
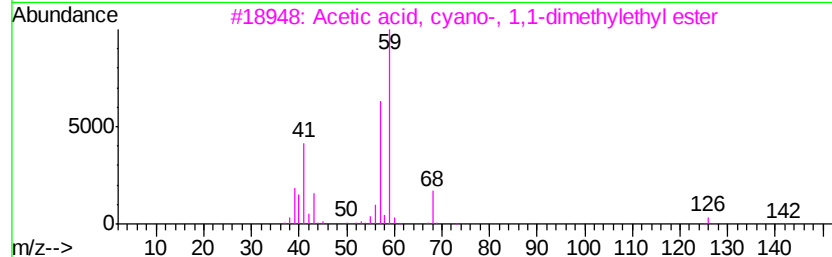
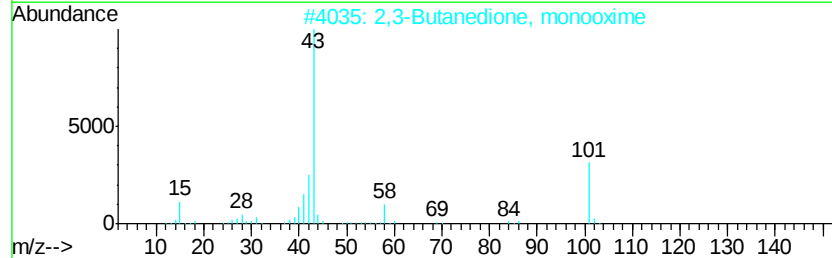
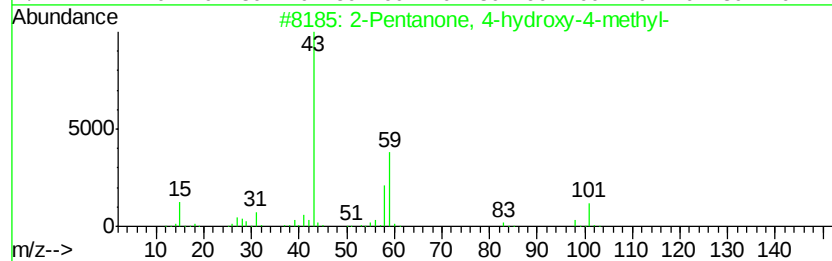
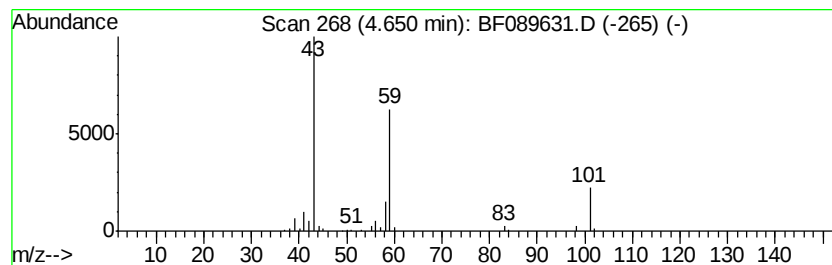
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	23.90 ng	358294	1,4-Dichlorobenzene-d4	7.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Butane	58	C4H10	000106-97-8	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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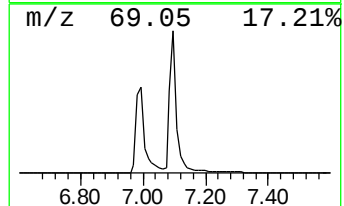
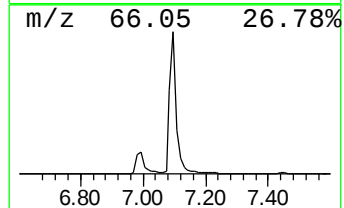
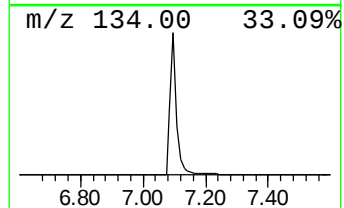
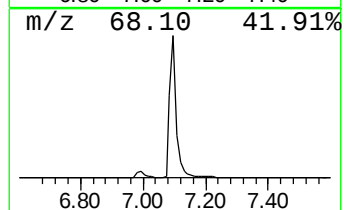
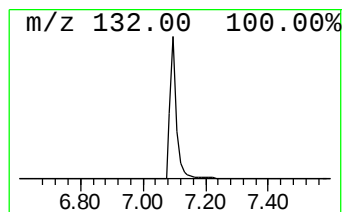
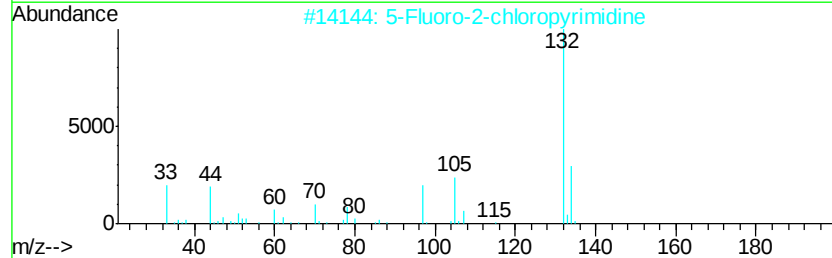
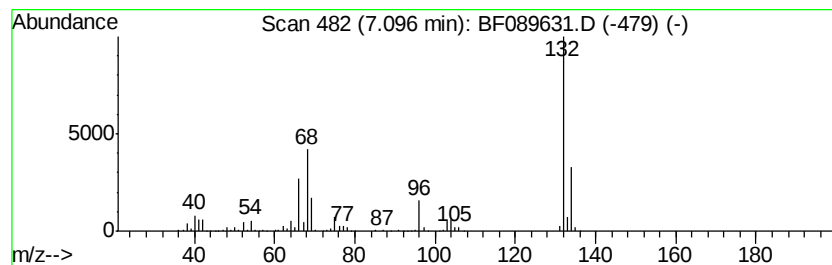
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	87.34 ng	1309490	1,4-Dichlorobenzene-d4	7.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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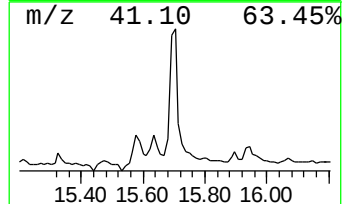
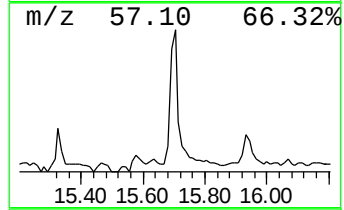
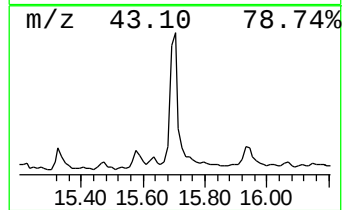
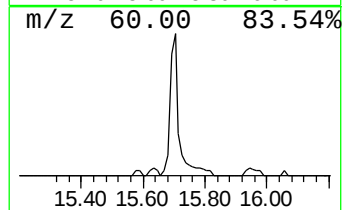
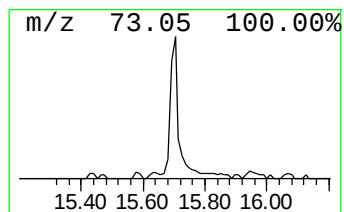
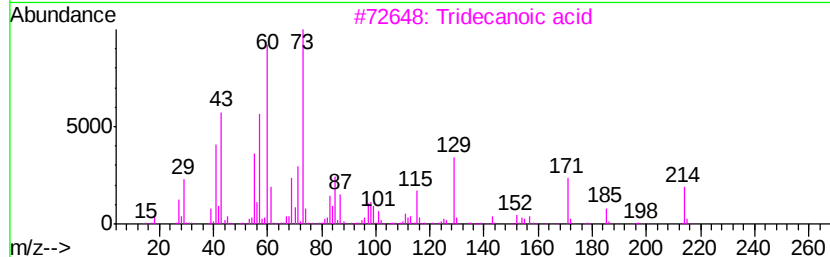
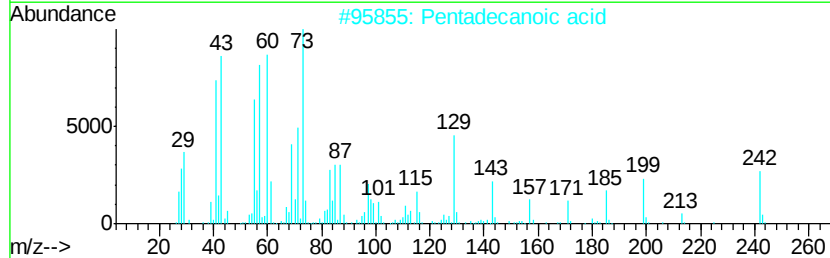
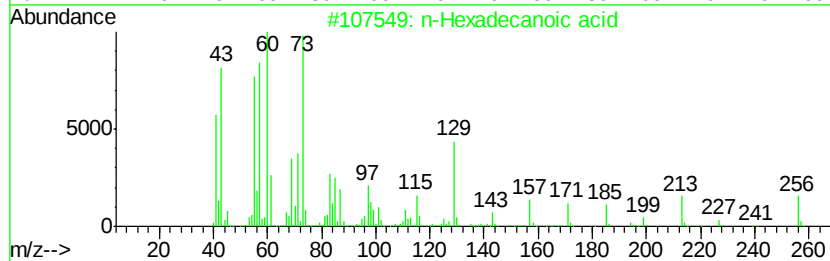
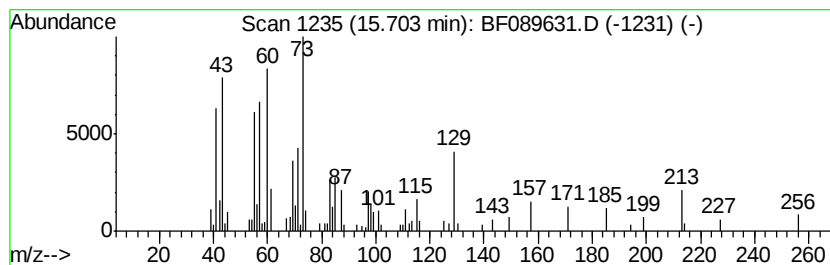
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	10.22 ng	224882	Phenanthrene-d10	14.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18



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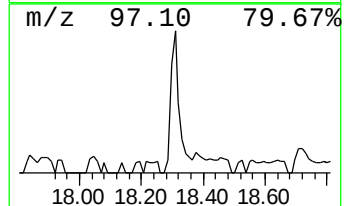
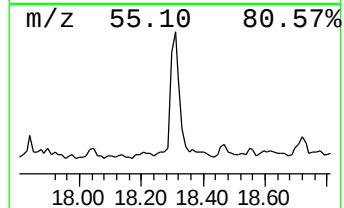
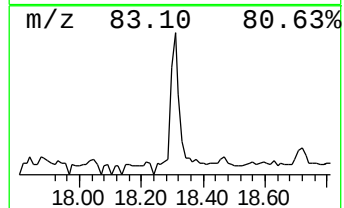
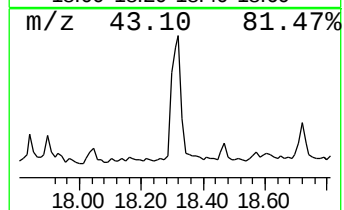
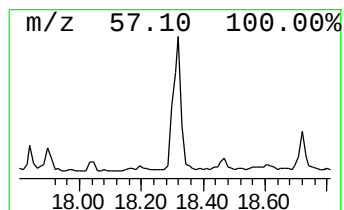
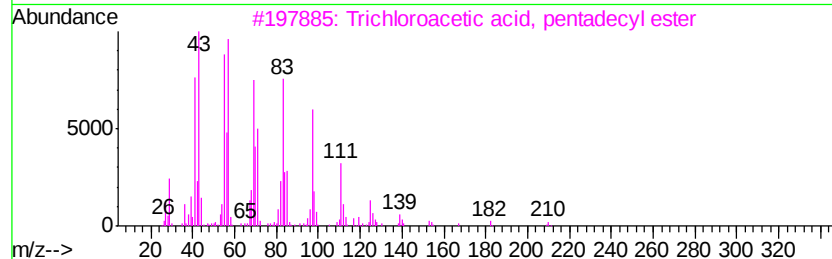
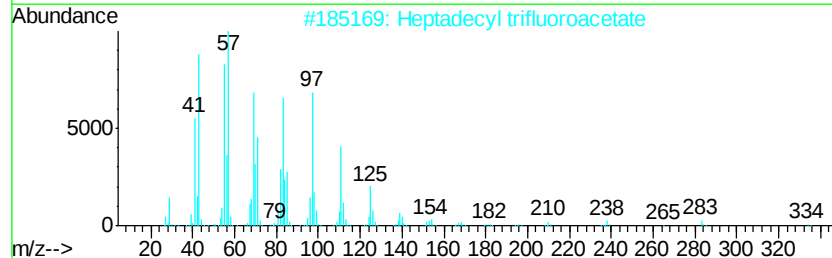
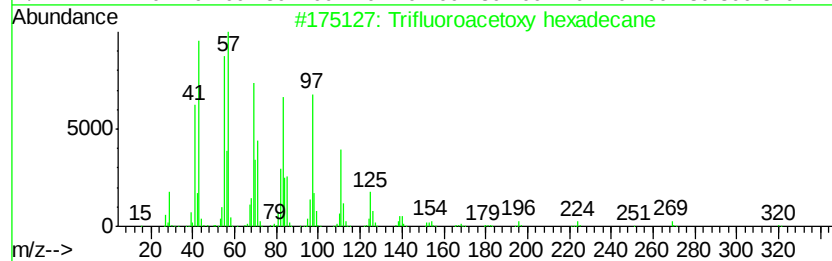
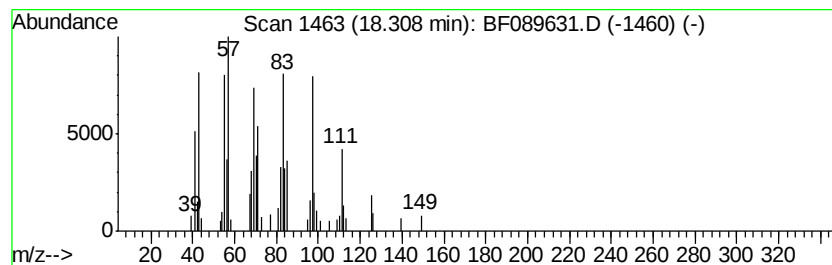
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.36 ng	118423	Chrysene-d12	18.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		11-Tricosene	322	C23H46	052078-56-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
Sample : H4292-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

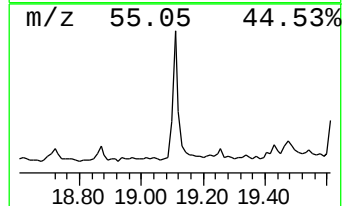
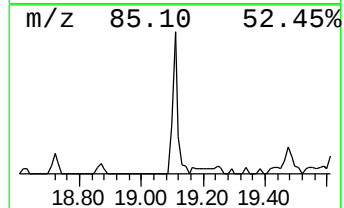
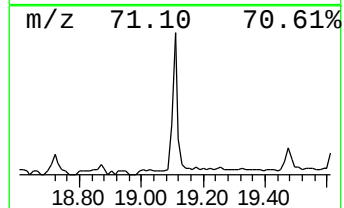
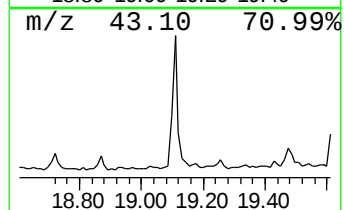
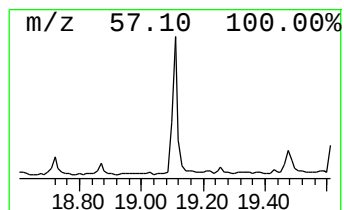
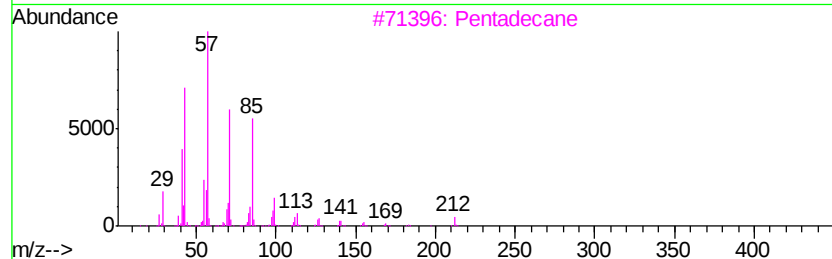
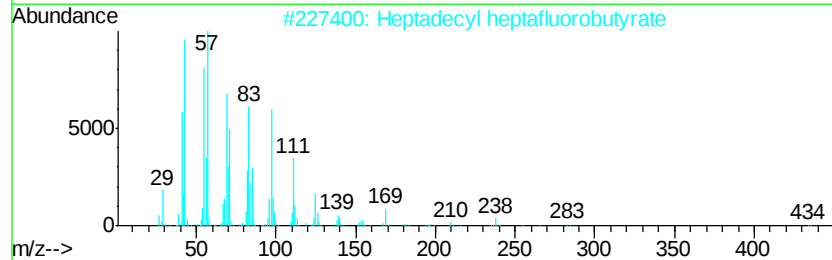
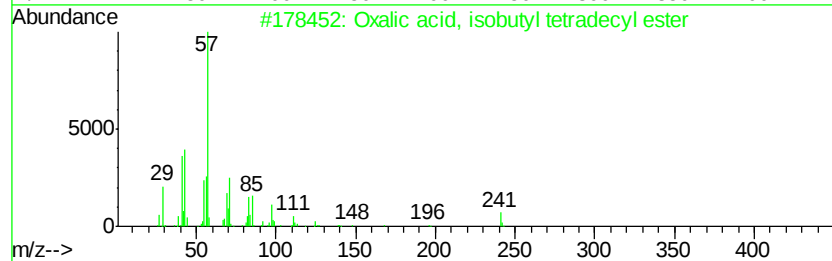
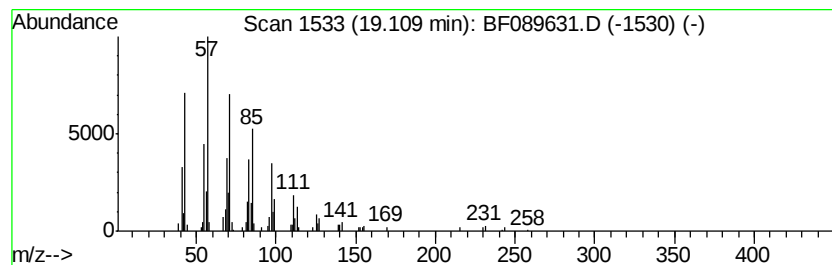
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Oxalic acid, isobutyl tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	7.29 ng	160916	Chrysene-d12	18.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
3		Pentadecane	212	C15H32	000629-62-9	62
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
5		Tetradecane	198	C14H30	000629-59-4	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
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Misc :
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ClientSampleId :
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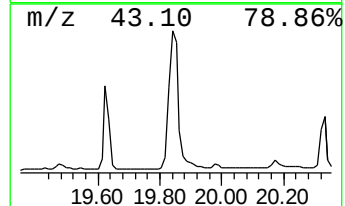
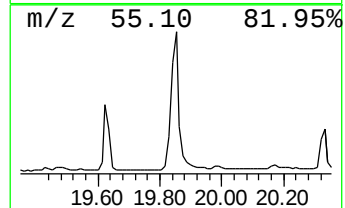
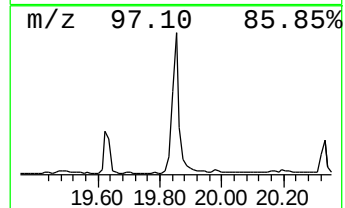
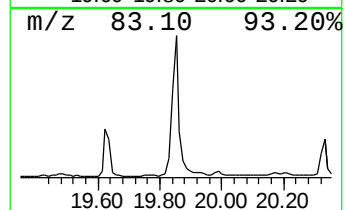
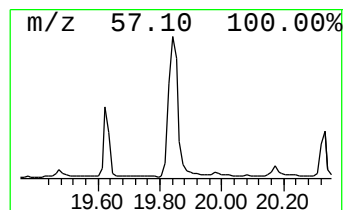
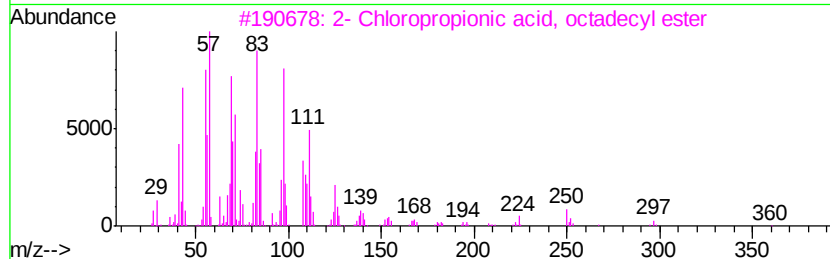
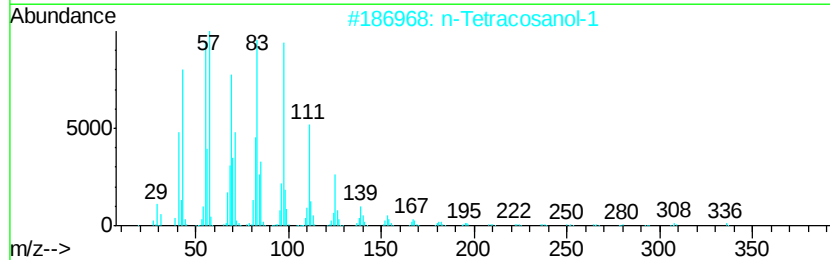
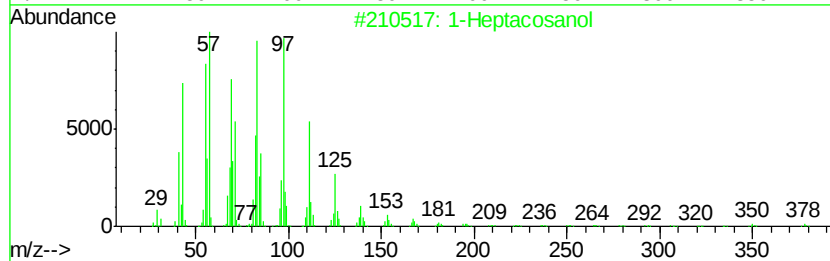
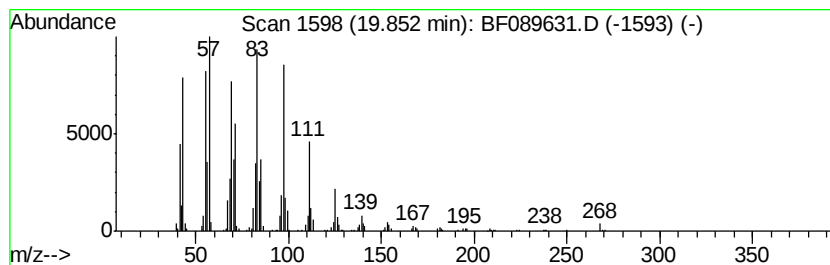
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	49.08 ng	988541	Perylene-d12	20.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
3	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	94
4	Behenic alcohol		326	C22H46O	000661-19-8	93
5	1-Heneicosanol		312	C21H44O	015594-90-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
Sample : H4292-04
Misc :
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Instrument :
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ClientSampleId :
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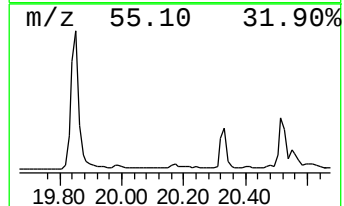
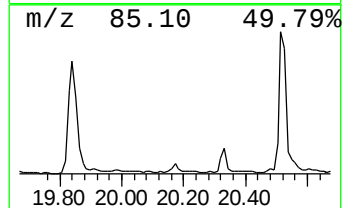
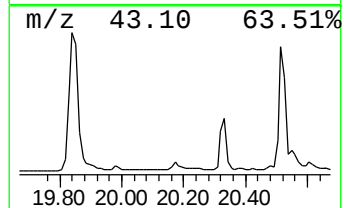
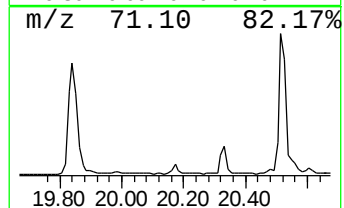
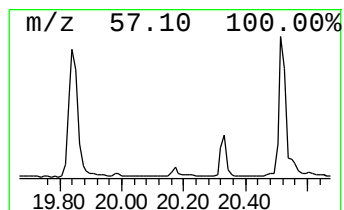
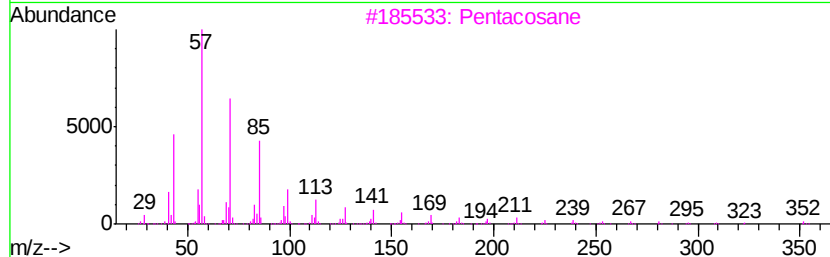
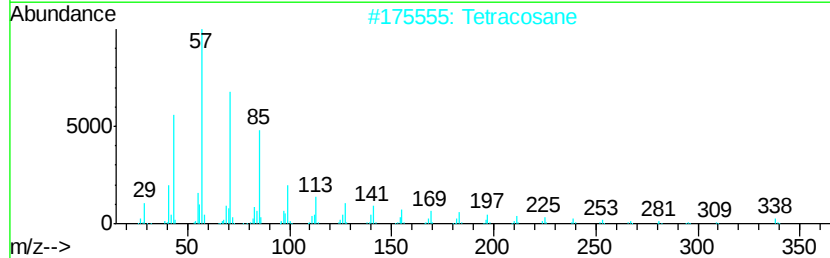
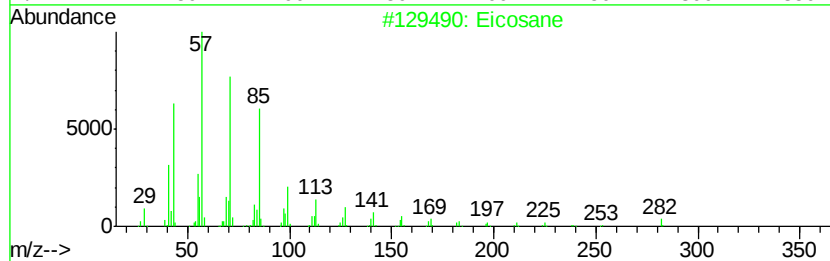
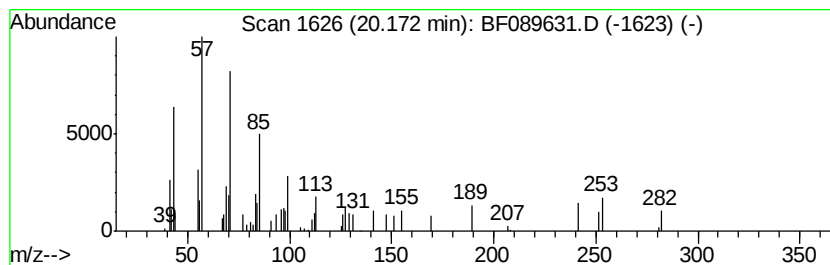
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	3.57 ng	71866	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetracosane	338	C24H50	000646-31-1	68
3		Pentacosane	352	C25H52	000629-99-2	64
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
5		Nonahexacontanoic acid	999	C69H138O2	040710-32-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
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Misc :
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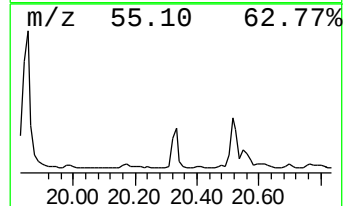
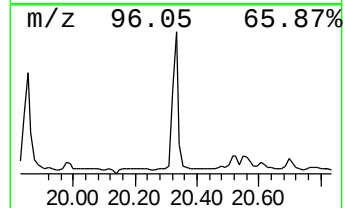
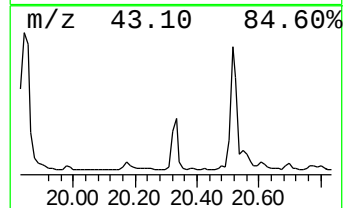
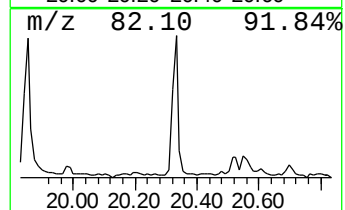
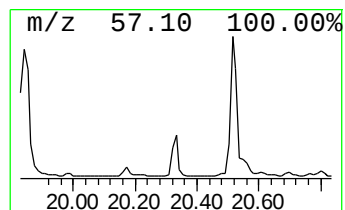
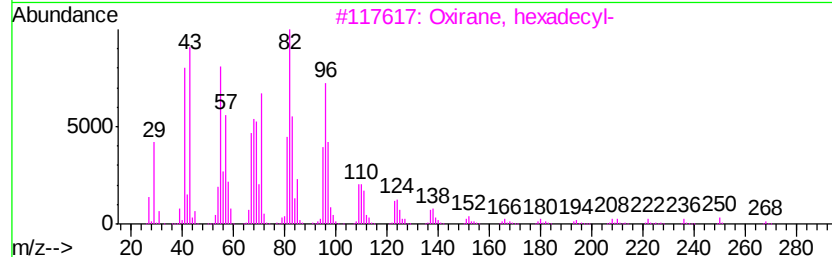
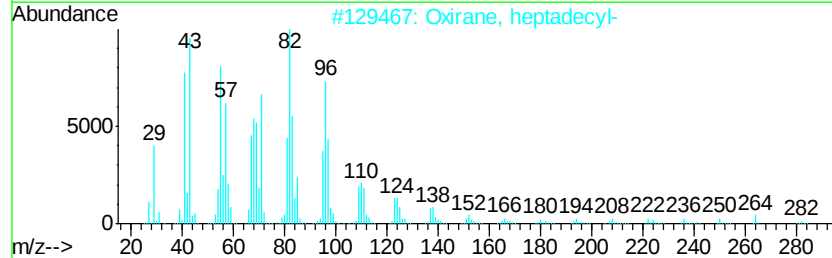
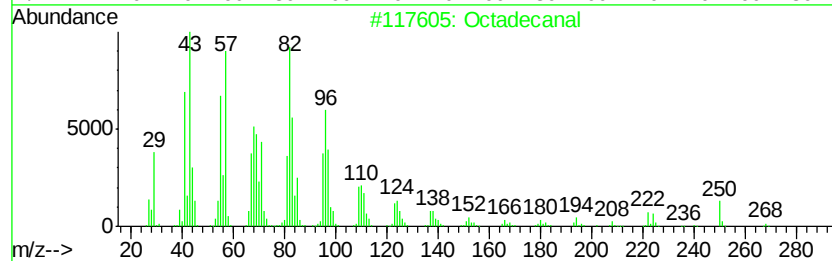
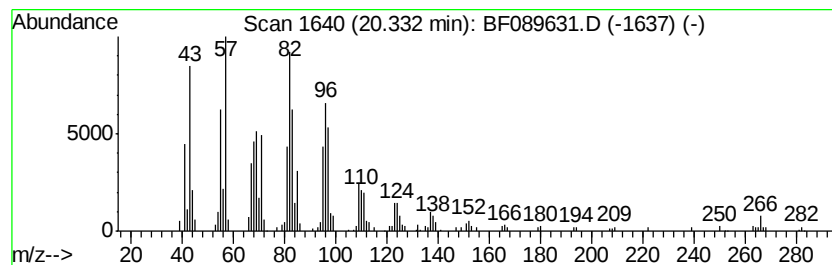
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	15.25 ng	307235	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	96
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
4		E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	93
5		1,13-Tetradecadiene	194	C14H26	021964-49-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
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Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
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Misc :
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ClientSampleId :
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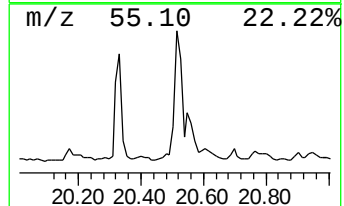
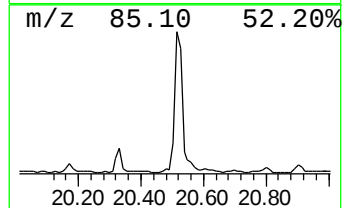
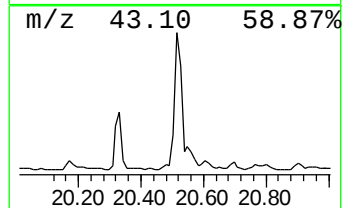
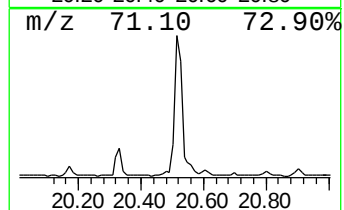
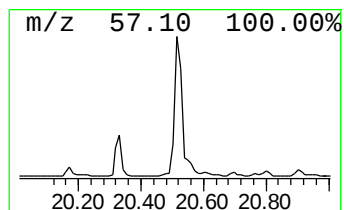
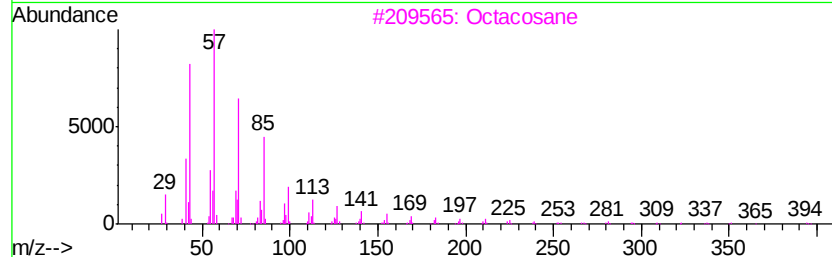
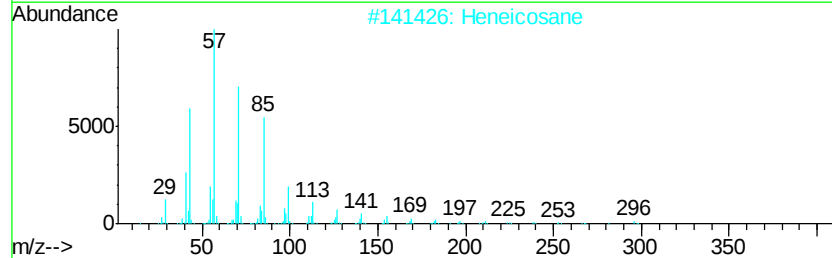
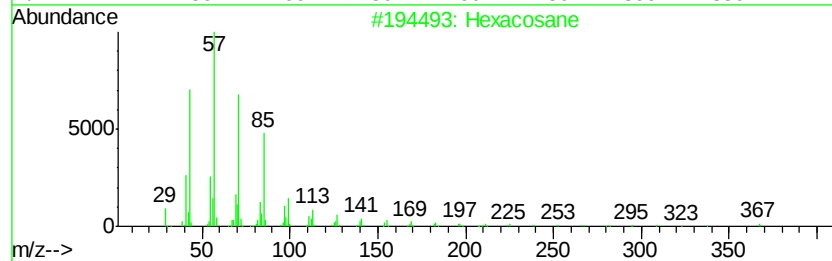
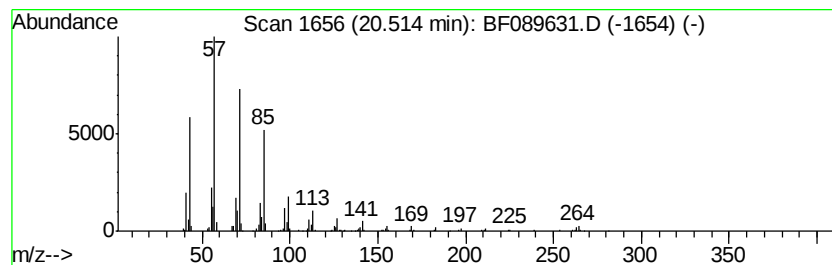
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	23.95 ng	482464	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
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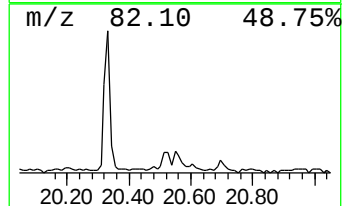
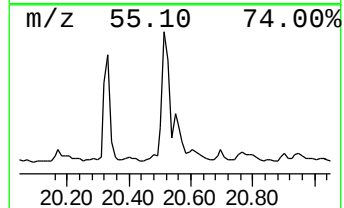
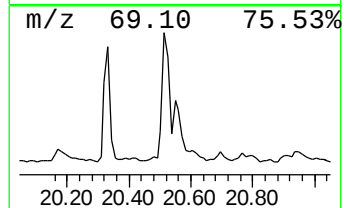
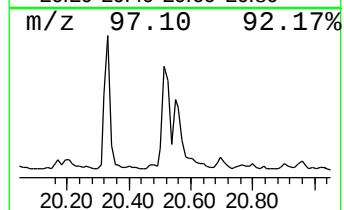
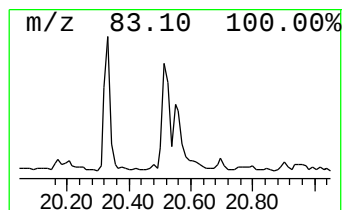
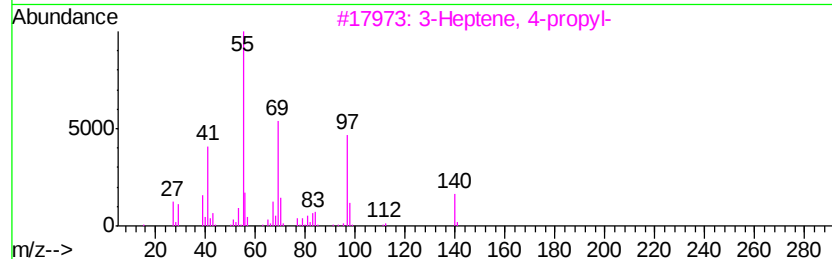
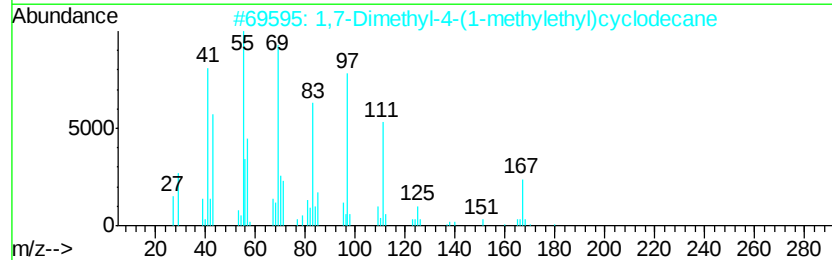
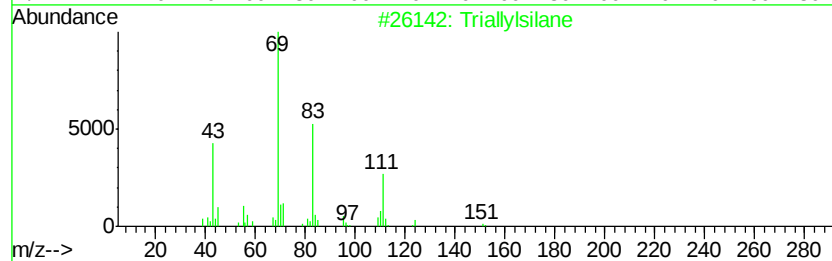
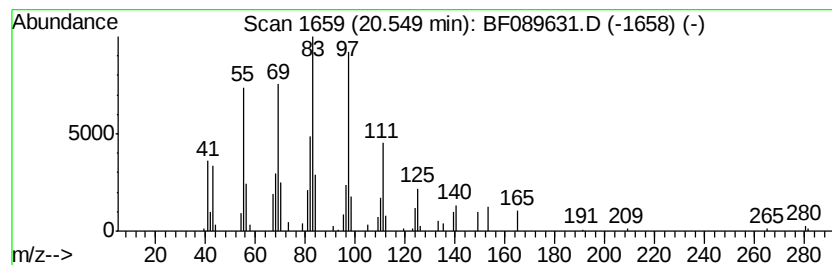
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown20.55 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	7.53 ng	151637	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triallylsilane	152	C9H16Si	001116-62-7	38
2		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
3		3-Heptene, 4-propyl-	140	C10H20	004485-13-6	35
4		Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	25
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25



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Operator : UM/SJ
Sample : H4292-04
Misc :
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Instrument :
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ClientSampleId :
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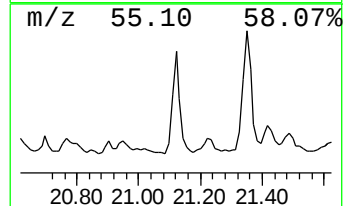
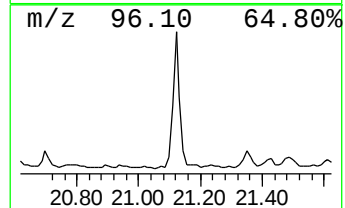
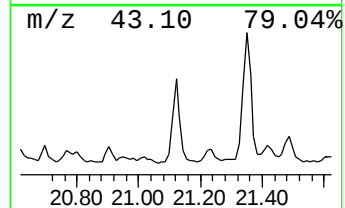
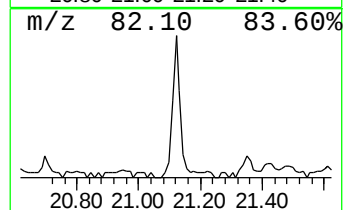
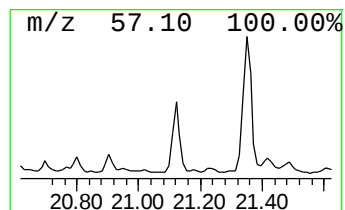
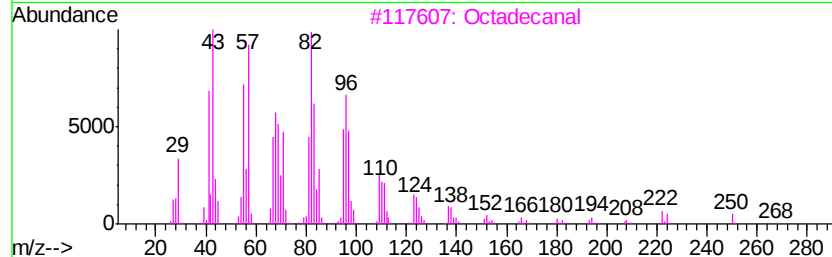
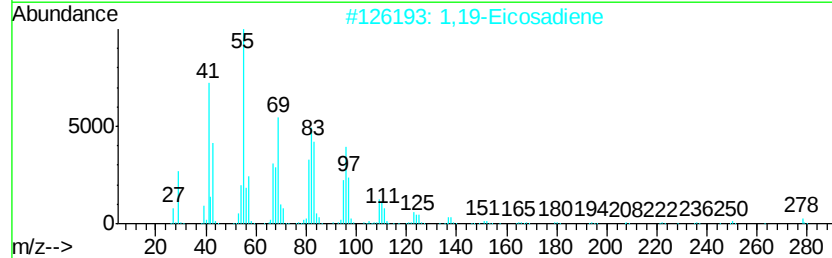
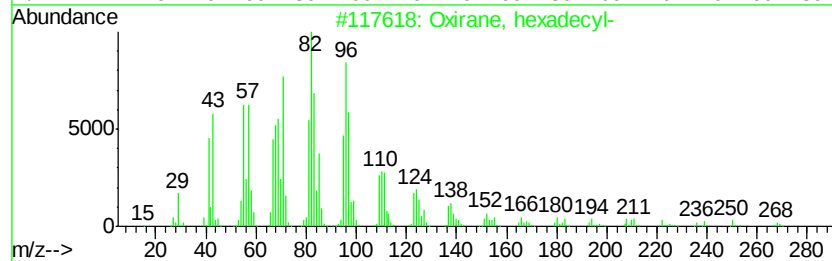
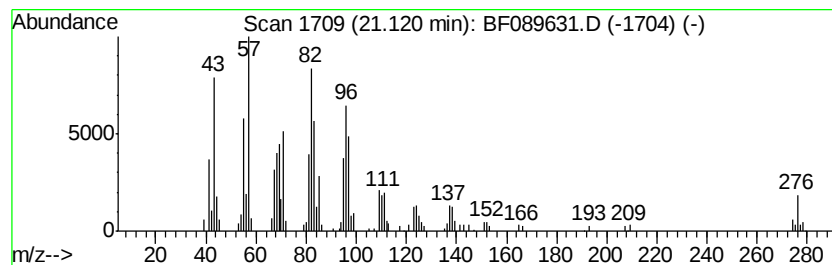
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	12.18 ng	245285	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		1,19-Eicosadiene	278	C20H38	014811-95-1	92
3		Octadecanal	268	C18H36O	000638-66-4	90
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5		Hexadecanal	240	C16H32O	000629-80-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
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ClientSampleId :
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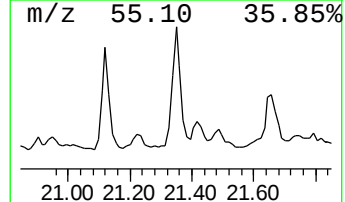
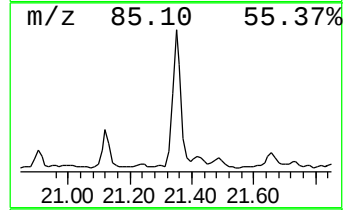
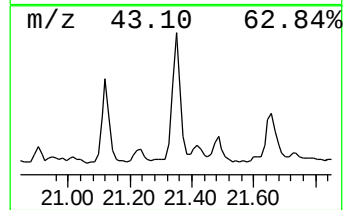
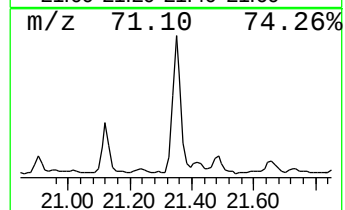
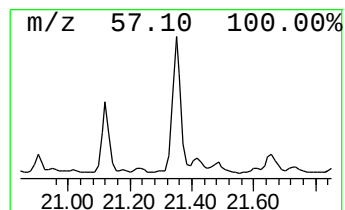
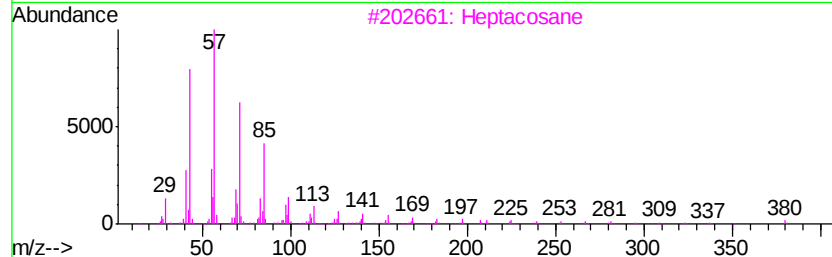
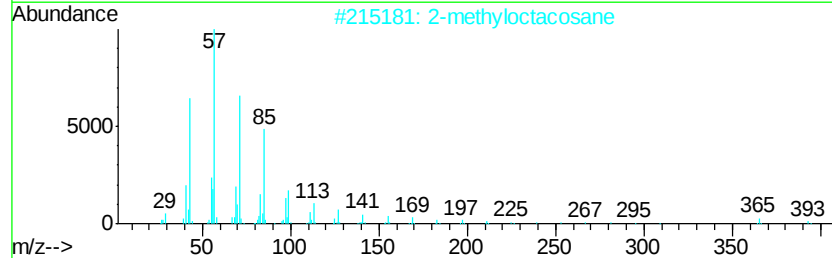
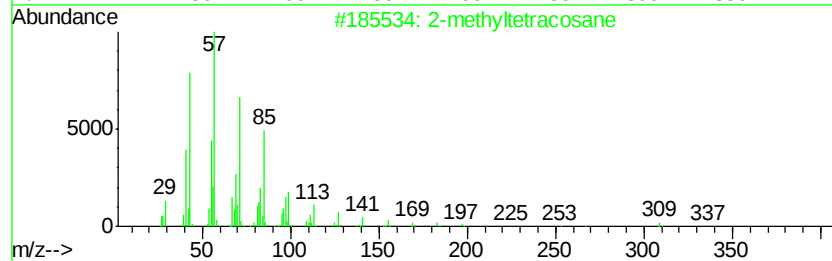
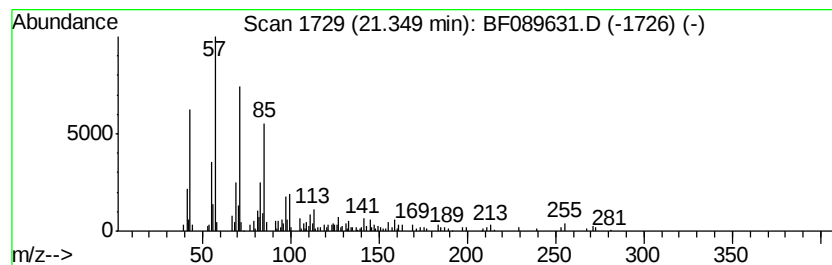
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-methyltetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	16.42 ng	330803	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyltetracosane	352	C25H52	1000376-72-6	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
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Misc :
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ClientSampleId :
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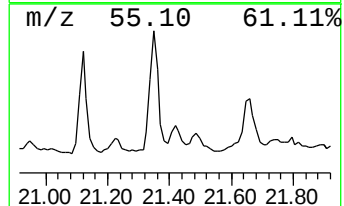
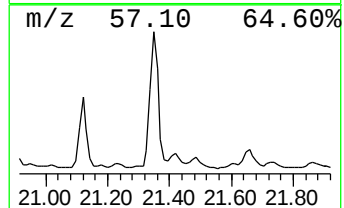
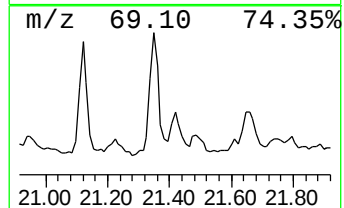
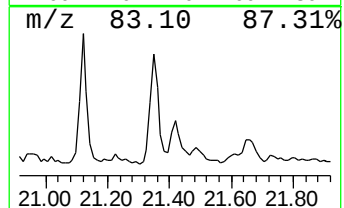
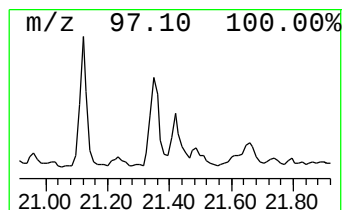
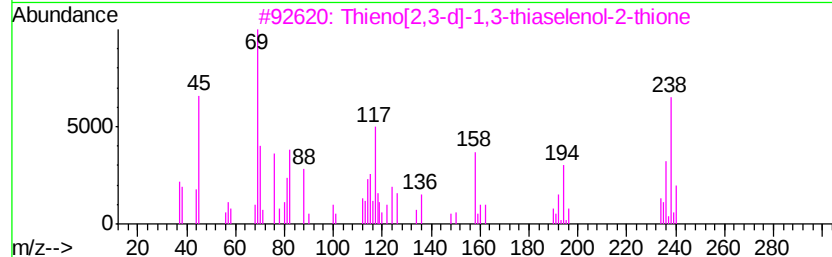
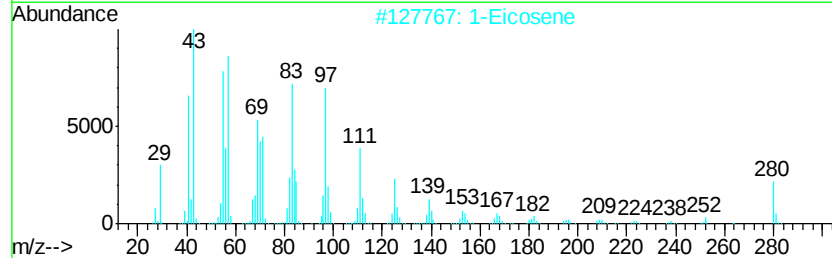
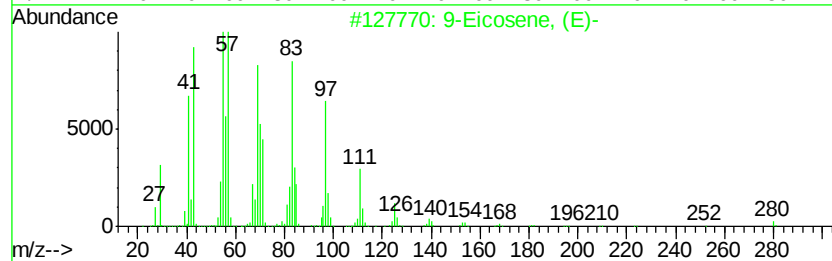
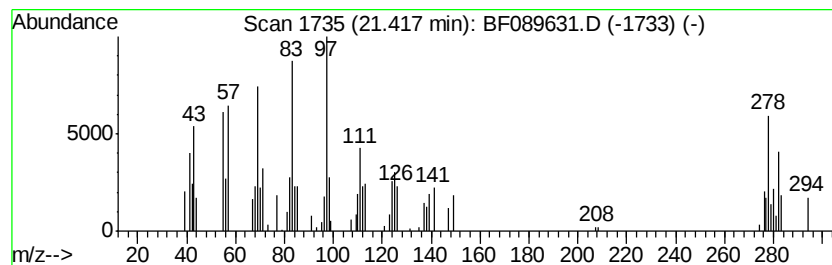
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Eicosene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.68 ng	74200	Perylene-d12	20.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Eicosene, (E)-	280	C20H40	074685-29-3	86
2			1-Eicosene	280	C20H40	003452-07-1	64
3			Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	53
4			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	49
5			Cycloeicosane	280	C20H40	000296-56-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
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Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
Sample : H4292-04
Misc :
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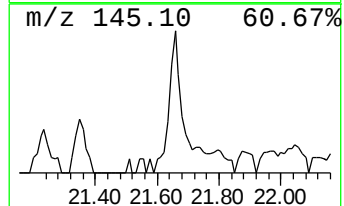
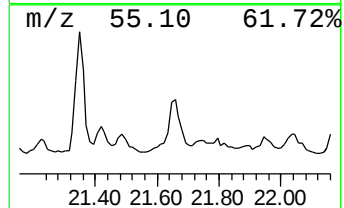
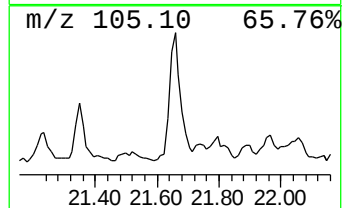
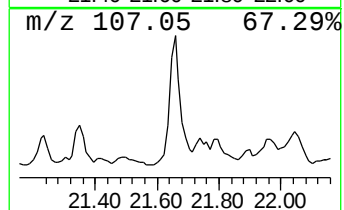
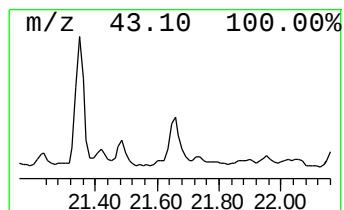
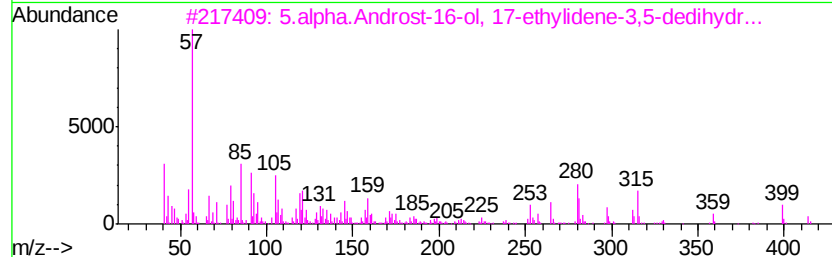
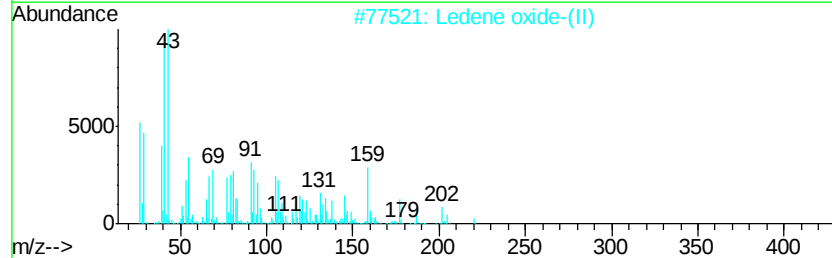
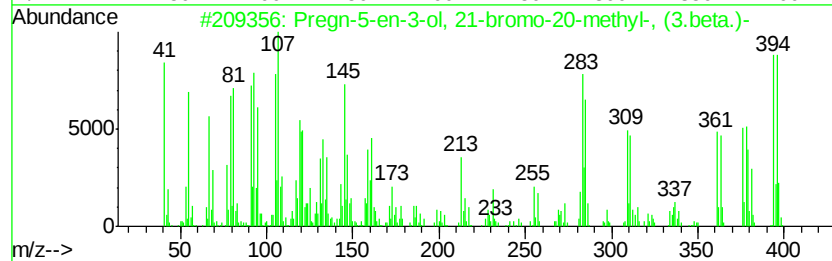
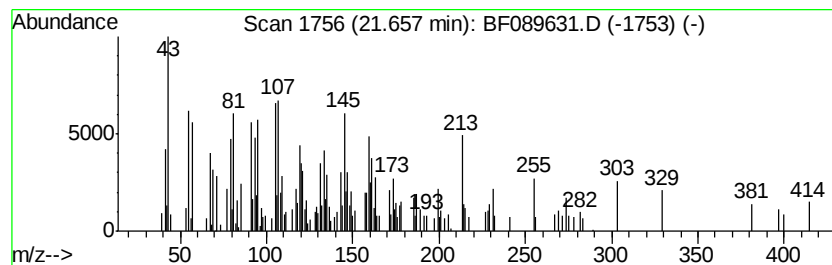
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown21.66 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	13.63 ng	274474	Perylene-d12	20.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 30
2		Ledene oxide-(II)	220 C15H24O	1000159-36-7 17
3		5.alpha.Androst-16-ol, 17-ethyl...	414 C27H42O3	1000124-58-6 14
4		Cholest-5-ene, 3-ethoxy-, (3.bet...	414 C29H50O	000986-19-6 14
5		Ethanone, 1-(1,2,3,4,7,7a-hexahy...	246 C17H26O	032388-58-2 12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
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Misc :
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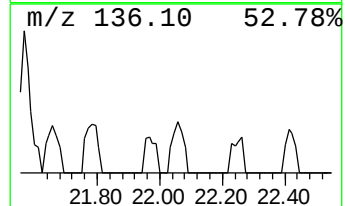
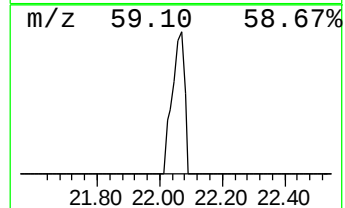
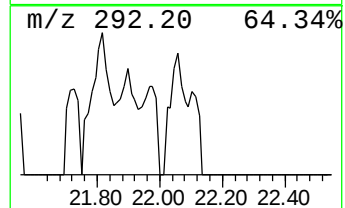
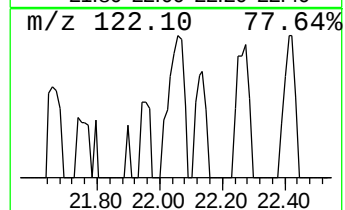
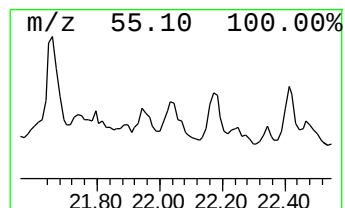
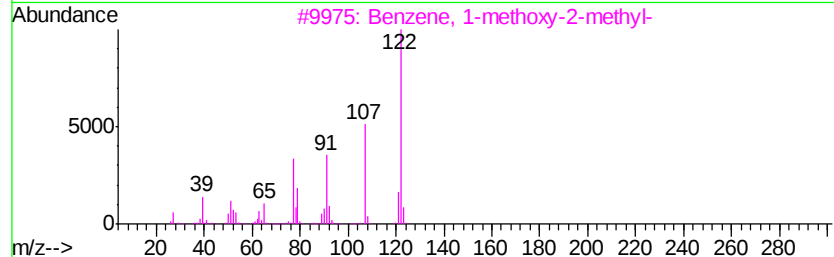
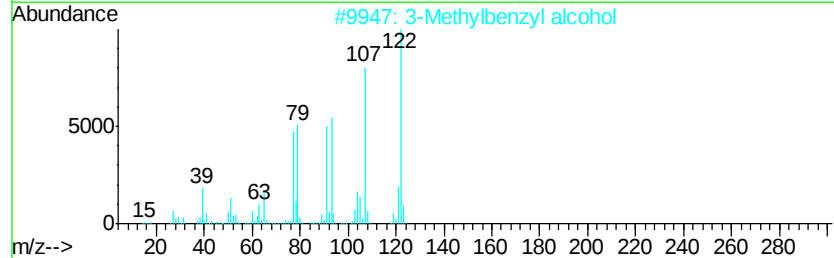
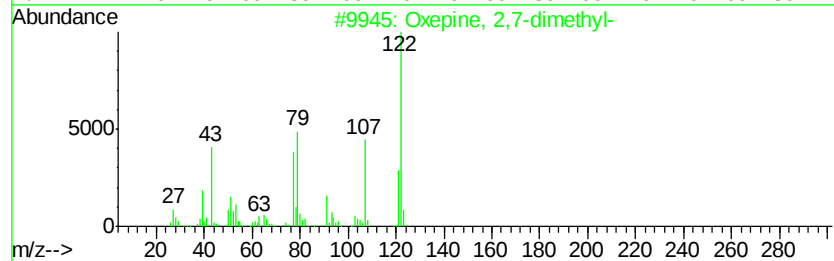
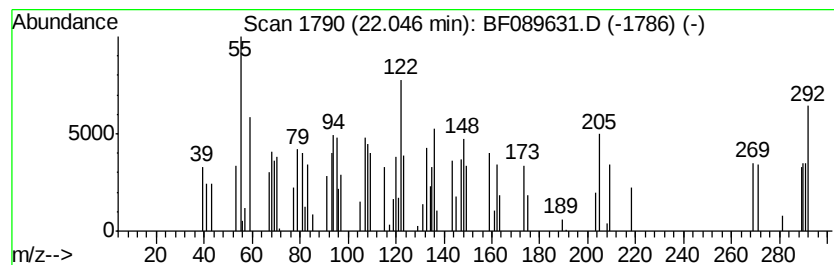
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown22.05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	5.10 ng	102663	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxepine, 2,7-dimethyl-	122	C8H10O	001487-99-6	11
2		3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	11
3		Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	10
4		Fumaric acid, di(non-5-yn-3-yl) ...	360	C22H32O4	1000345-30-1	9
5		Benzene, 1-methoxy-3-methyl-	122	C8H10O	000100-84-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
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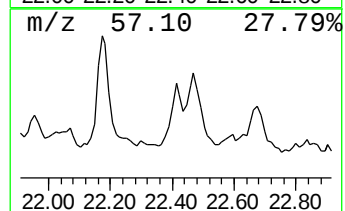
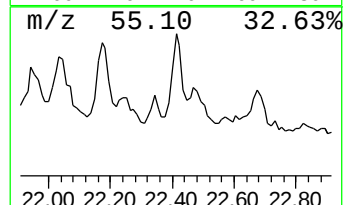
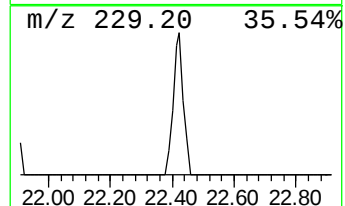
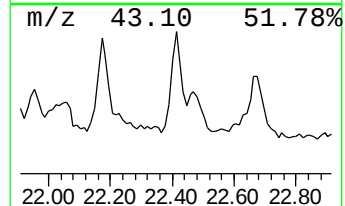
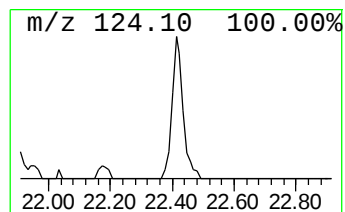
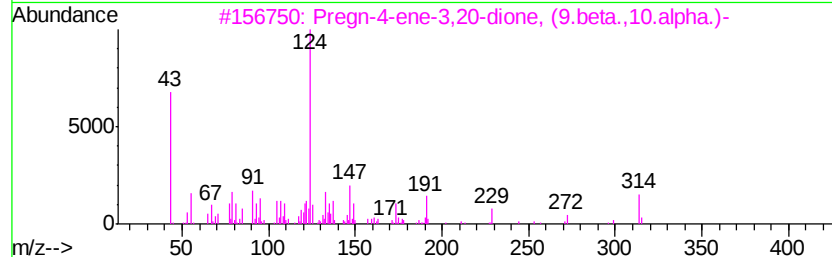
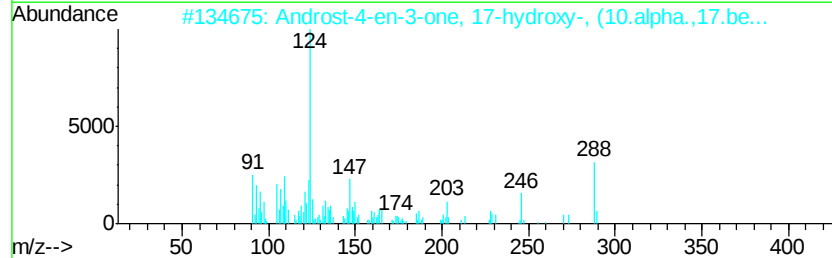
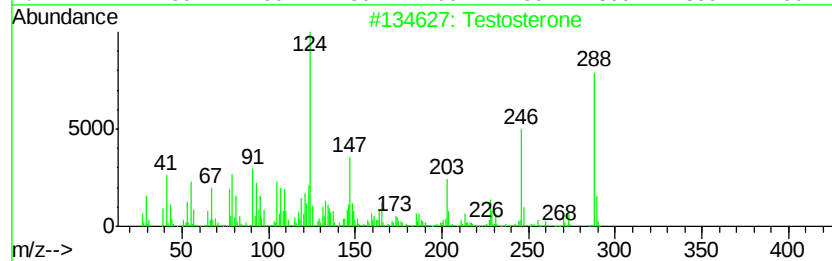
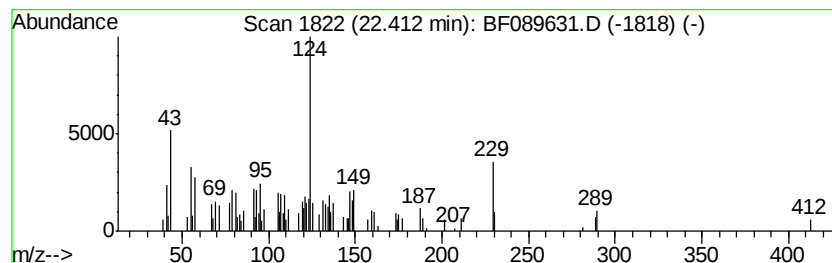
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Testosterone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	6.74 ng	135713	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Testosterone	288	C19H28O2	000058-22-0	60
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	55
3		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	52
4		Orcinol	124	C7H8O2	000504-15-4	49
5		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
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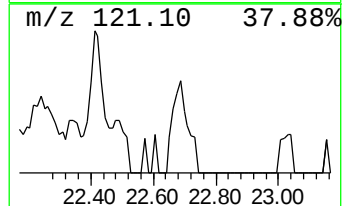
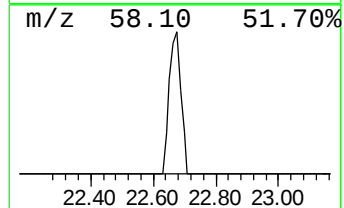
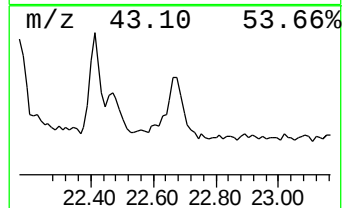
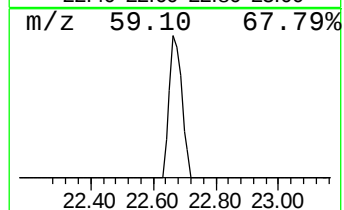
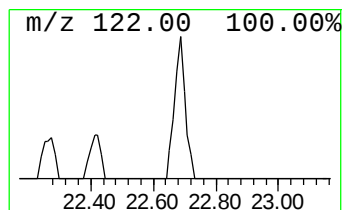
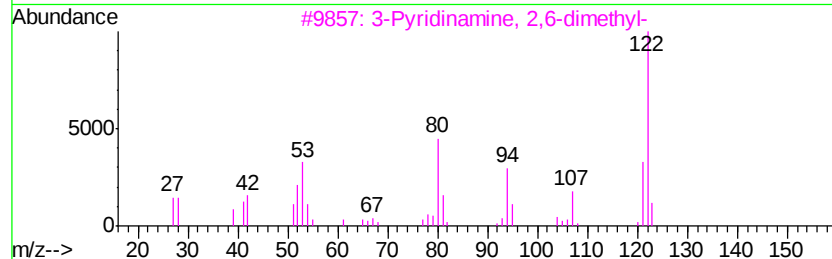
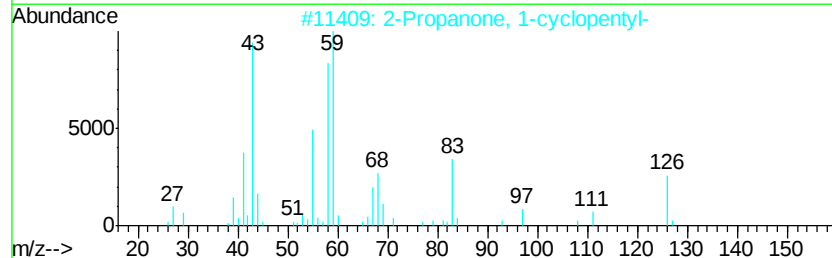
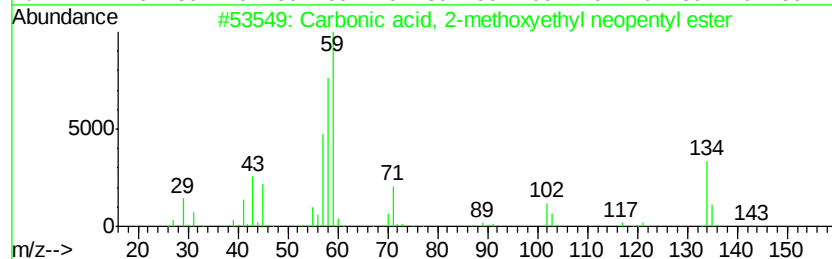
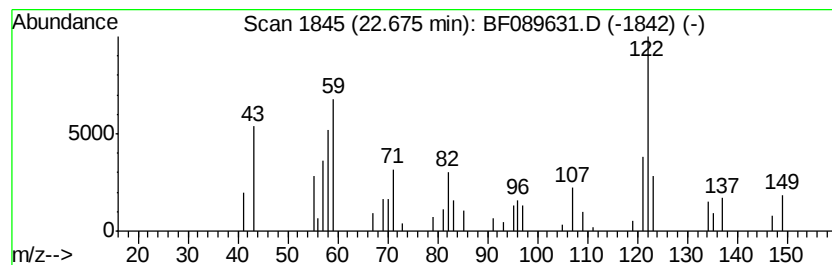
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown22.67 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.65 ng	73427	Perylene-d12	20.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, 2-methoxyethyl ne...	190	C9H18O4	1000331-42-7	27
2		2-Propanone, 1-cyclopentyl-	126	C8H14O	001122-98-1	14
3		3-Pyridinamine, 2,6-dimethyl-	122	C7H10N2	003430-33-9	12
4		1,4-Benzenediamine, 2-methyl-	122	C7H10N2	000095-70-5	9
5		Borazine, 2,4,6-trimethyl-	123	C3H12B3N3	005314-85-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089631.D
 Acq On : 5 Aug 2016 15:29
 Operator : UM/SJ
 Sample : H4292-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPC-072716

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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...	4.65	23.9	ng	358294	1	7.44	299846	20.0
unknown7.10	7.10	87.3	ng	1309490	1	7.44	299846	20.0
n-Hexadecanoic acid	15.70	10.2	ng	224882	4	14.69	440081	20.0
Trifluoroacetoxy ...	18.31	5.4	ng	118423	5	18.39	441549	20.0
Oxalic acid, isob...	19.11	7.3	ng	160916	5	18.39	441549	20.0
1-Heptacosanol	19.85	49.1	ng	988541	6	20.05	402811	20.0
Eicosane	20.17	3.6	ng	71866	6	20.05	402811	20.0
Octadecanal	20.33	15.3	ng	307235	6	20.05	402811	20.0
Hexacosane	20.51	23.9	ng	482464	6	20.05	402811	20.0
unknown20.55	20.55	7.5	ng	151637	6	20.05	402811	20.0
Oxirane, hexadecyl-	21.12	12.2	ng	245285	6	20.05	402811	20.0
2-methyltetracosane	21.35	16.4	ng	330803	6	20.05	402811	20.0
9-Eicosene, (E)-	21.42	3.7	ng	74200	6	20.05	402811	20.0
unknown21.66	21.66	13.6	ng	274474	6	20.05	402811	20.0
unknown22.05	22.05	5.1	ng	102663	6	20.05	402811	20.0
Testosterone	22.41	6.7	ng	135713	6	20.05	402811	20.0
unknown22.67	22.67	3.6	ng	73427	6	20.05	402811	20.0