

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
 Data File : BF089696.D
 Acq On : 9 Aug 2016 19:27
 Operator : UM/SJ
 Sample : H4365-02 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

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	1.758	13	15	36	rVB	148639	450641	7.18%	0.448%
2	5.256	316	321	323	rBV	428757	851156	13.55%	0.845%
3	5.884	372	376	379	rBV	880395	1425214	22.70%	1.415%
4	7.233	479	494	497	rBV3	31008	159070	2.53%	0.158%
5	7.416	508	510	520	rVB	183948	270877	4.31%	0.269%
6	7.610	524	527	530	rBV	441661	628945	10.02%	0.625%
7	8.136	570	573	582	rBV	70542	152682	2.43%	0.152%
8	8.376	582	594	598	rBV2	66332	287329	4.58%	0.285%
9	8.502	602	605	608	rBV	844820	1279995	20.38%	1.271%
10	8.822	618	633	634	rBV2	167899	687169	10.94%	0.682%
11	9.050	643	653	656	rVB2	394224	2416112	38.47%	2.400%
12	9.439	676	687	690	rBV	404577	1158600	18.45%	1.151%
13	9.542	690	696	699	rVV3	408166	1283097	20.43%	1.274%
14	10.296	758	762	768	rVB	95244	235530	3.75%	0.234%
15	10.536	779	783	786	rBV	807326	1194714	19.02%	1.187%
16	11.245	832	845	847	rBV2	269885	1082964	17.25%	1.076%
17	11.451	860	863	865	rVB	287150	420849	6.70%	0.418%
18	11.508	865	868	870	rBV	57145	97631	1.55%	0.097%
19	11.542	870	871	876	rVB	123728	167584	2.67%	0.166%
20	12.022	910	913	914	rBV	52365	103875	1.65%	0.103%
21	12.102	918	920	925	rVB	200292	354197	5.64%	0.352%
22	12.262	931	934	935	rBV	339652	430578	6.86%	0.428%
23	12.308	935	938	942	rVV2	512672	882308	14.05%	0.876%
24	12.376	942	944	946	rVV	86044	113505	1.81%	0.113%
25	12.468	949	952	956	rVV	56074	112856	1.80%	0.112%
26	12.948	977	994	995	rBV	876636	3650561	58.13%	3.625%
27	13.645	1051	1055	1057	rBV	223251	392249	6.25%	0.390%
28	13.737	1061	1063	1069	rVB	183475	260961	4.16%	0.259%
29	13.885	1073	1076	1081	rBV	422803	569635	9.07%	0.566%
30	14.045	1085	1090	1092	rBV	994465	1846199	29.40%	1.834%
31	14.102	1092	1095	1097	rVV	2055551	3567305	56.81%	3.543%
32	14.148	1097	1099	1103	rVB	1492412	2001896	31.88%	1.988%
33	14.399	1113	1121	1127	rBV	560269	1704388	27.14%	1.693%
34	14.491	1127	1129	1130	rVV	156600	235904	3.76%	0.234%

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35	14.571	1130	1136	1138	rVV	643548	1712187	27.27%	1.700%
36	14.662	1141	1144	1147	rVV	270792	437656	6.97%	0.435%
37	14.765	1151	1153	1156	rVB2	73543	121511	1.93%	0.121%
38	14.937	1165	1168	1171	rVB	679915	793748	12.64%	0.788%
39	15.062	1176	1179	1183	rBV	108373	197695	3.15%	0.196%
40	15.302	1197	1200	1202	rVV	151489	247647	3.94%	0.246%
41	15.542	1219	1221	1224	rBV	71137	114015	1.82%	0.113%
42	15.725	1230	1237	1241	rVV	839025	2209886	35.19%	2.195%
43	15.828	1244	1246	1249	rVV2	91160	245503	3.91%	0.244%
44	15.931	1252	1255	1259	rVV3	99434	370191	5.90%	0.368%
45	16.045	1259	1265	1268	rVV3	451140	1068159	17.01%	1.061%
46	16.148	1269	1274	1279	rVV5	235923	1208674	19.25%	1.200%
47	16.240	1279	1282	1285	rVV	383499	935901	14.90%	0.929%
48	16.308	1285	1288	1289	rVV	364821	699101	11.13%	0.694%
49	16.377	1289	1294	1295	rVV2	444231	1330102	21.18%	1.321%
50	16.457	1299	1301	1302	rVV	409072	611384	9.74%	0.607%
51	16.525	1302	1307	1312	rVV3	1044878	4128934	65.75%	4.101%
52	16.605	1312	1314	1315	rVV	317467	549084	8.74%	0.545%
53	16.628	1315	1316	1317	rVV	329872	445401	7.09%	0.442%
54	16.663	1317	1319	1321	rVV	522146	985859	15.70%	0.979%
55	16.708	1321	1323	1325	rVV	578255	1090331	17.36%	1.083%
56	16.765	1325	1328	1330	rVV	698555	1669622	26.59%	1.658%
57	16.823	1330	1333	1336	rVV2	995846	2110524	33.61%	2.096%
58	16.891	1336	1339	1342	rVV	235905	627129	9.99%	0.623%
59	16.948	1342	1344	1345	rVV2	104040	191490	3.05%	0.190%
60	16.983	1345	1347	1349	rVV	462629	765486	12.19%	0.760%
61	17.040	1349	1352	1354	rVV	2322113	3511677	55.92%	3.488%
62	17.108	1356	1358	1361	rVV3	89372	182741	2.91%	0.181%
63	17.177	1361	1364	1366	rVV	359288	499644	7.96%	0.496%
64	17.268	1367	1372	1374	rVV2	139275	300157	4.78%	0.298%
65	17.303	1374	1375	1377	rVB	165555	184125	2.93%	0.183%
66	17.371	1380	1381	1383	rVB	114600	110138	1.75%	0.109%
67	17.417	1383	1385	1386	rBV	138707	196816	3.13%	0.195%
68	17.451	1386	1388	1391	rVB	549407	668286	10.64%	0.664%
69	17.531	1391	1395	1396	rBV	2526419	3616225	57.59%	3.591%
70	17.554	1396	1397	1400	rVV	501407	736821	11.73%	0.732%
71	17.668	1403	1407	1410	rBV2	473308	1306834	20.81%	1.298%

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72	17.760	1412	1415	1418	rVV	833370	1324689	21.09%	1.316%
73	17.920	1424	1429	1431	rBV	3718684	6279736	100.00%	6.237%
74	17.988	1431	1435	1438	rVB	1611452	2802907	44.63%	2.784%
75	18.103	1443	1445	1449	rVB	274187	403843	6.43%	0.401%
76	18.183	1449	1452	1455	rBV3	74605	142962	2.28%	0.142%
77	18.331	1460	1465	1467	rBV	3114360	6204465	98.80%	6.162%
78	18.377	1467	1469	1470	rBV	178747	275842	4.39%	0.274%
79	18.434	1470	1474	1476	rVB	1927020	2563241	40.82%	2.546%
80	18.491	1476	1479	1480	rBV	243867	319437	5.09%	0.317%
81	18.583	1485	1487	1489	rBV	102227	133130	2.12%	0.132%
82	18.834	1507	1509	1514	rBV	169240	447568	7.13%	0.444%
83	18.903	1514	1515	1519	rVB2	106632	140612	2.24%	0.140%
84	18.983	1519	1522	1525	rBV3	49196	130688	2.08%	0.130%
85	19.040	1525	1527	1530	rBV	87214	133235	2.12%	0.132%
86	19.109	1530	1533	1535	rVV	2227364	2706558	43.10%	2.688%
87	19.154	1535	1537	1541	rVV	132839	287390	4.58%	0.285%
88	19.234	1542	1544	1546	rVV	167142	286312	4.56%	0.284%
89	19.280	1546	1548	1552	rVV	94449	141525	2.25%	0.141%
90	19.383	1555	1557	1562	rBV	53551	97165	1.55%	0.096%
91	19.829	1593	1596	1602	rBV2	1091051	1804114	28.73%	1.792%
92	19.931	1602	1605	1608	rVV	147125	230158	3.67%	0.229%
93	20.034	1611	1614	1622	rVB2	260692	592120	9.43%	0.588%
94	20.514	1653	1656	1658	rBV	381312	646507	10.30%	0.642%
95	20.606	1662	1664	1668	rVB	104751	211365	3.37%	0.210%
96	21.097	1702	1707	1721	rVB	158311	918578	14.63%	0.912%
97	21.349	1726	1729	1732	rBV	117480	214394	3.41%	0.213%
98	21.646	1752	1755	1761	rVB2	104479	237658	3.78%	0.236%
99	22.229	1795	1806	1816	rVB	759429	3521201	56.07%	3.497%
100	22.846	1856	1860	1876	rVB4	143328	837471	13.34%	0.832%

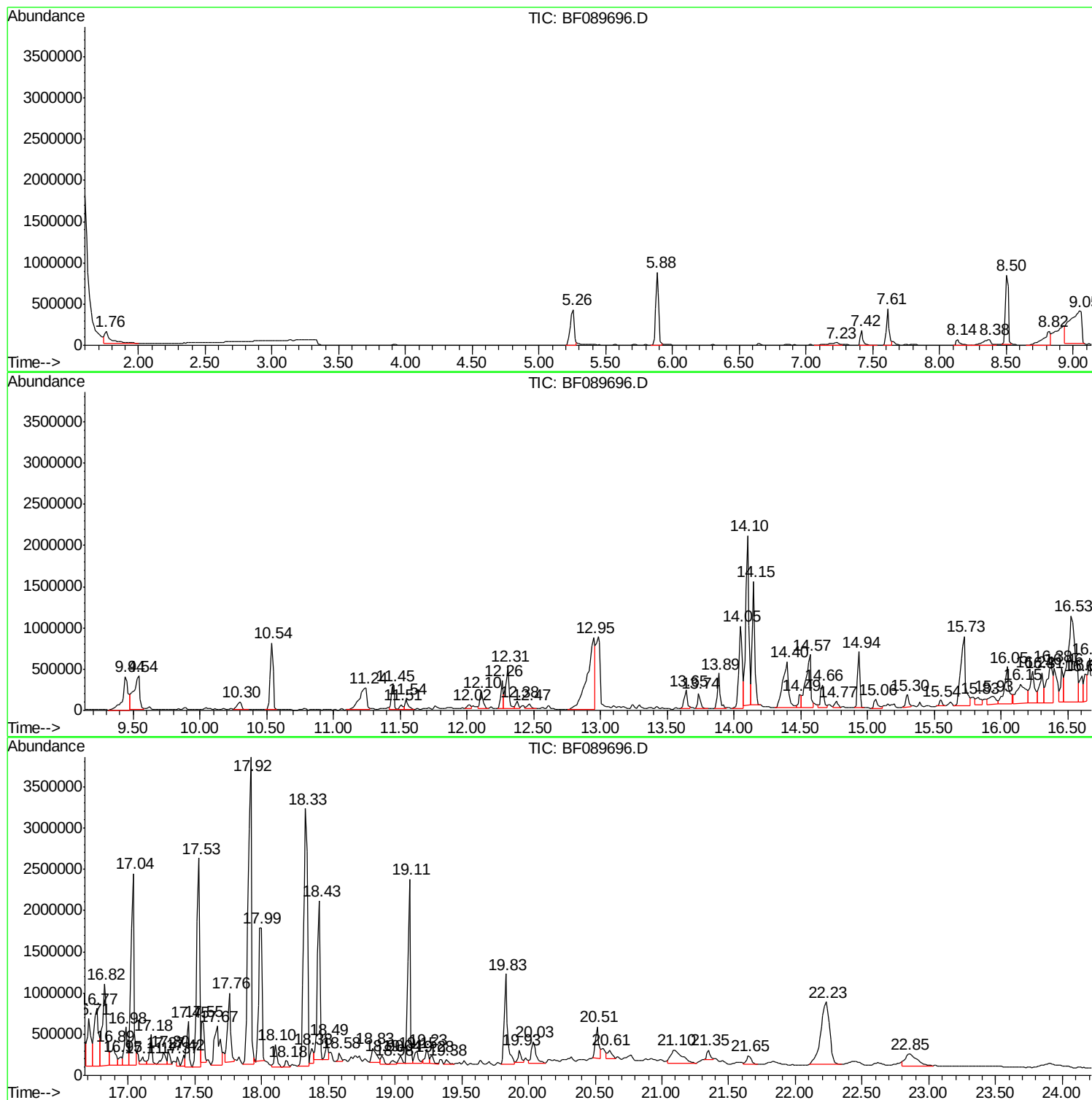
Sum of corrected areas: 100692131

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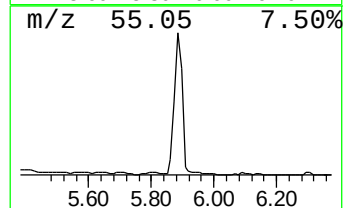
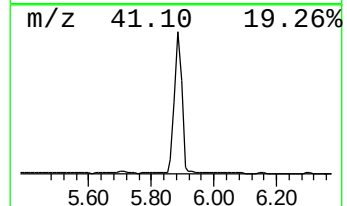
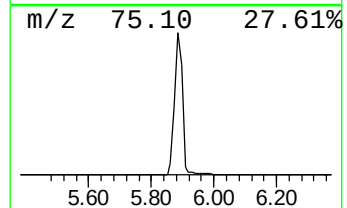
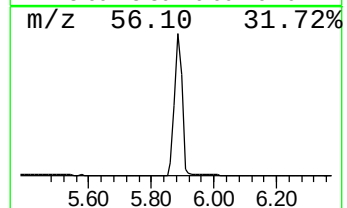
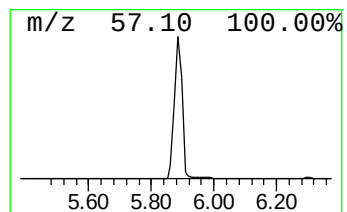
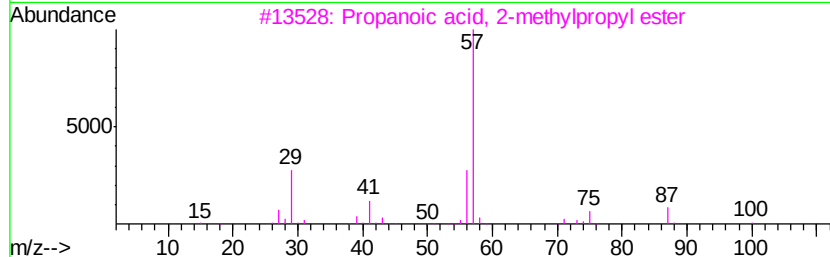
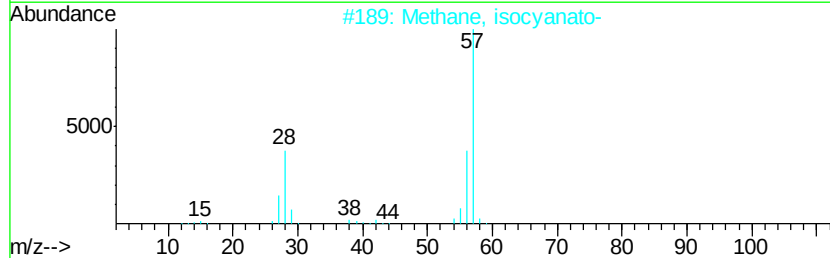
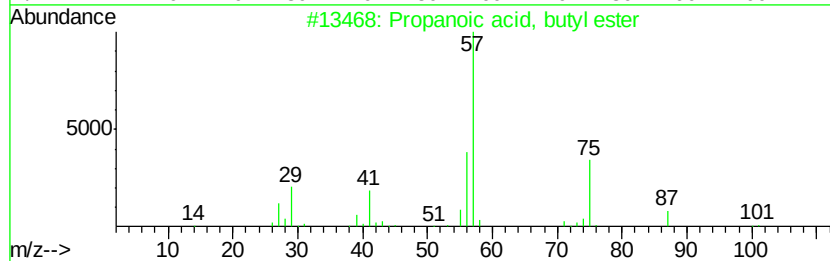
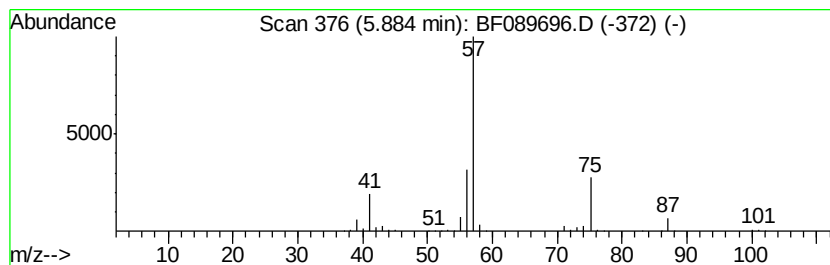
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	105.23 ng	1425210	1,4-Dichlorobenzene-d4	7.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	90
2		Methane, isocyanato-	57	C2H3NO	000624-83-9	37
3		Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	33
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	33
5		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	25



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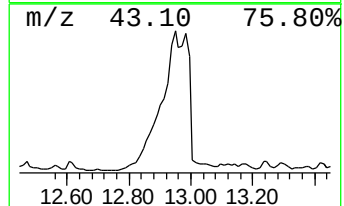
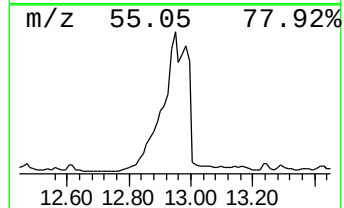
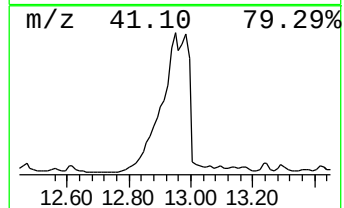
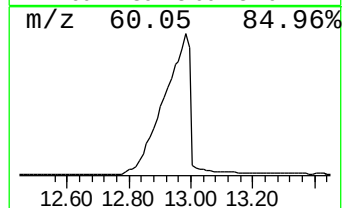
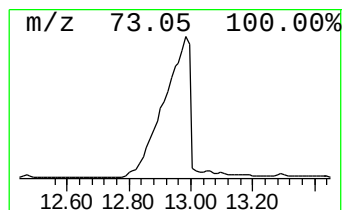
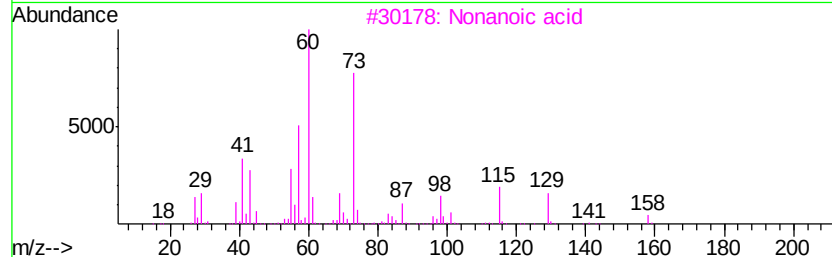
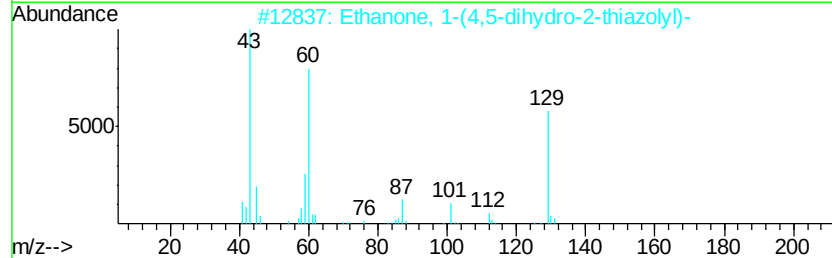
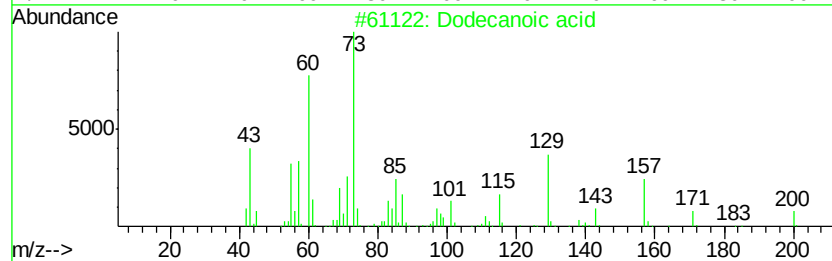
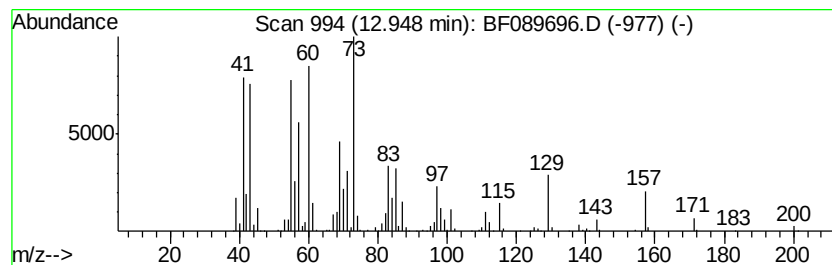
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.95	169.57 ng	3650560	Acenaphthene-d10		12.26	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecanoic acid	200	C12H24O2	000143-07-7	93
2		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	49
3		Nonanoic acid	158	C9H18O2	000112-05-0	49
4		Octanoic acid	144	C8H16O2	000124-07-2	38
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	15



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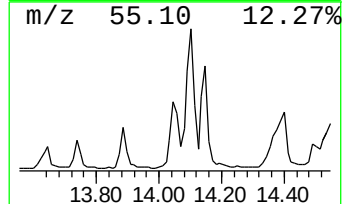
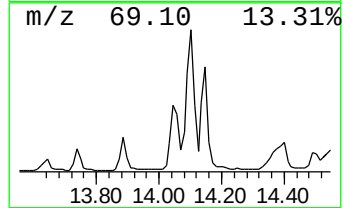
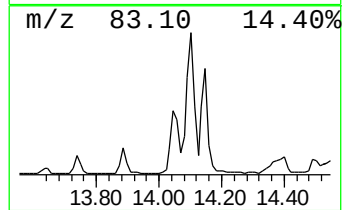
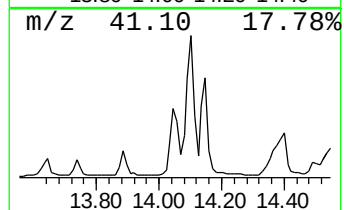
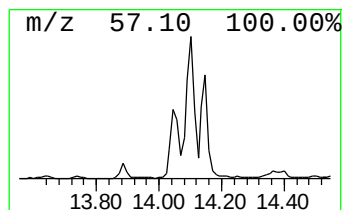
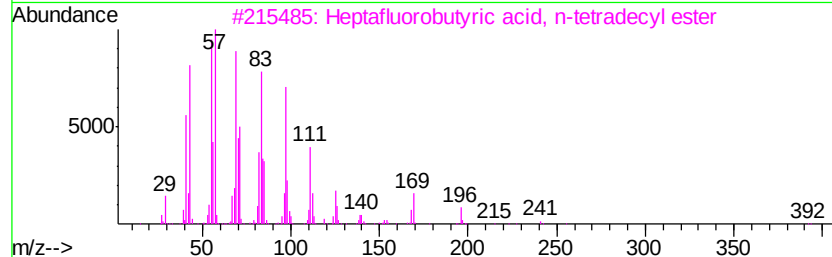
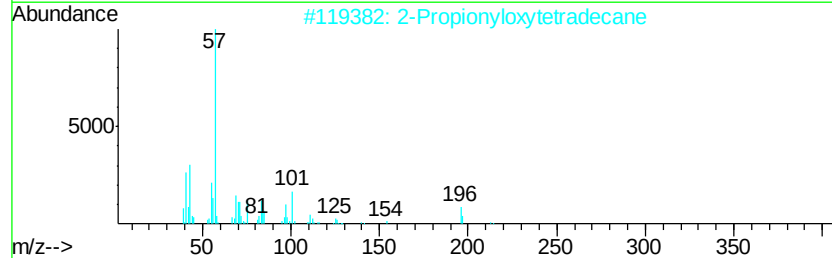
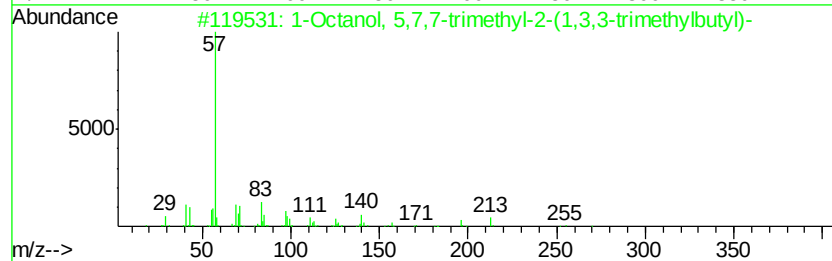
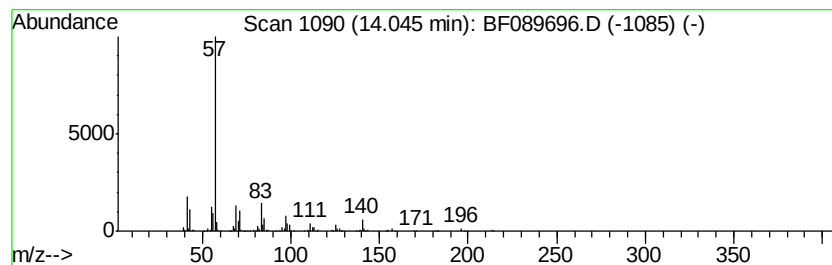
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Peak Number 3 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	84.37 ng	1846200	Phenanthrene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	83
2		2-Propionyloxytetradecane	270	C17H34O2	1000245-62-7	64
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	53
4		Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	50
5		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	50



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Operator : UM/SJ
Sample : H4365-02 25X
Misc :
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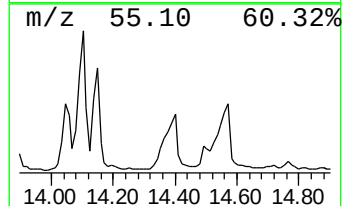
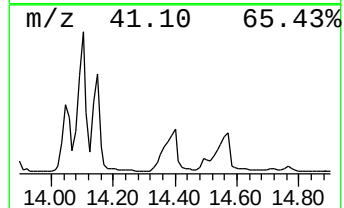
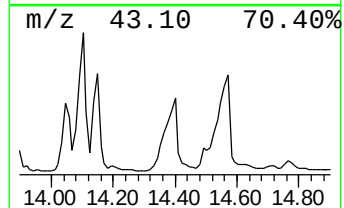
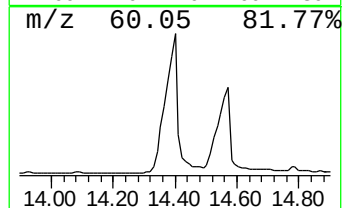
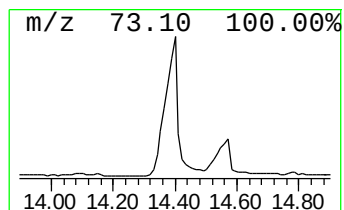
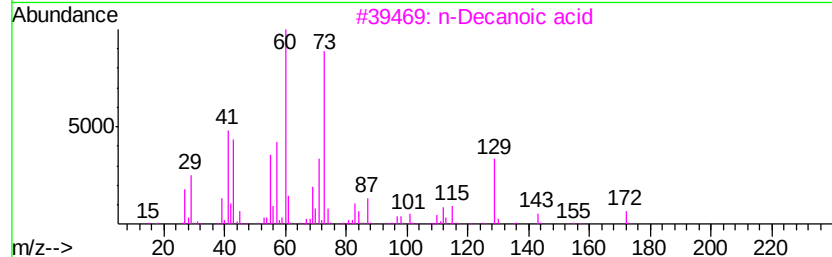
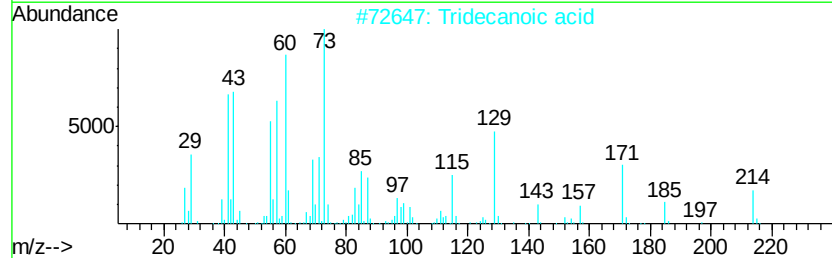
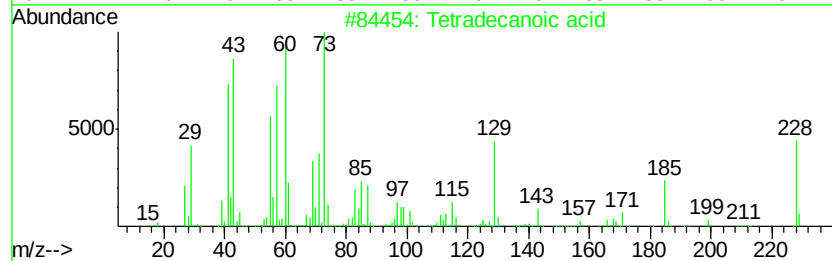
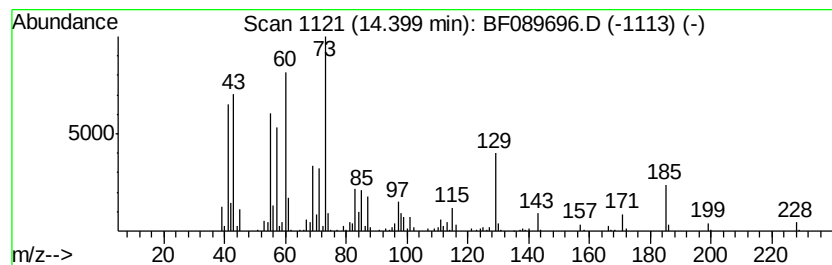
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.40	77.89 ng	1704390	Phenanthrene-d10		14.66
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
Sample : H4365-02 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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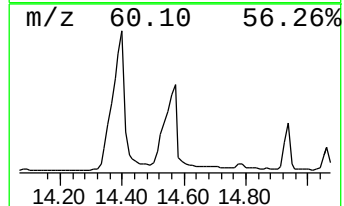
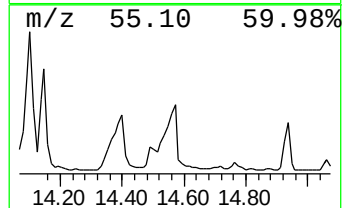
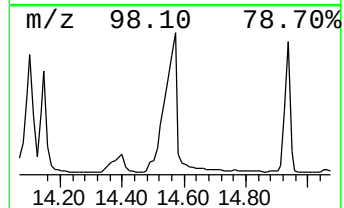
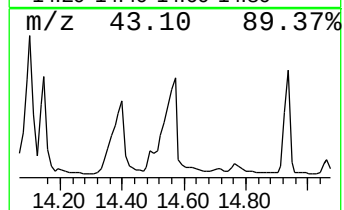
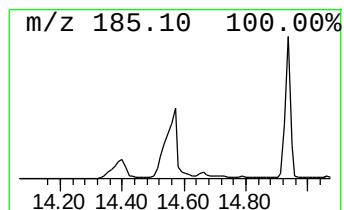
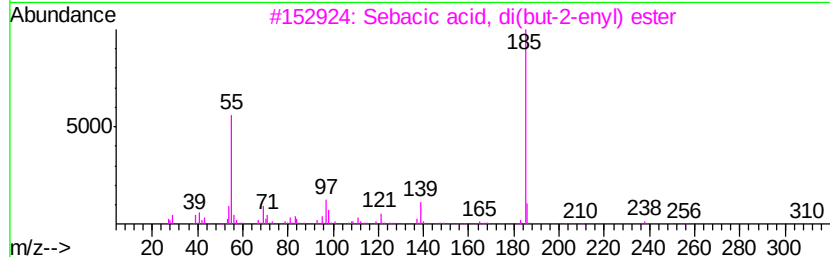
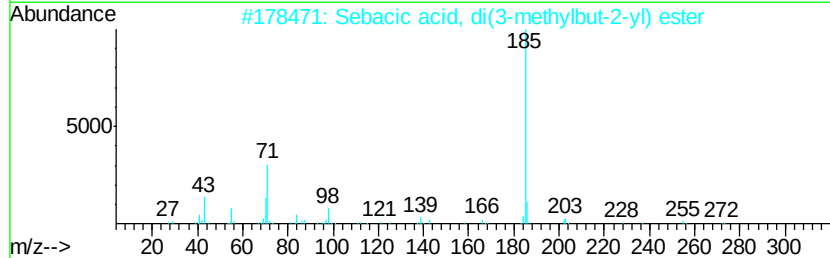
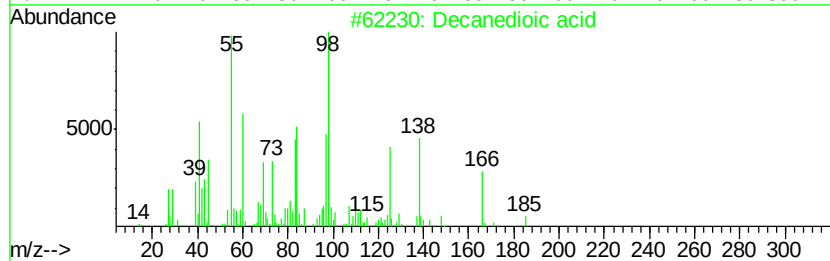
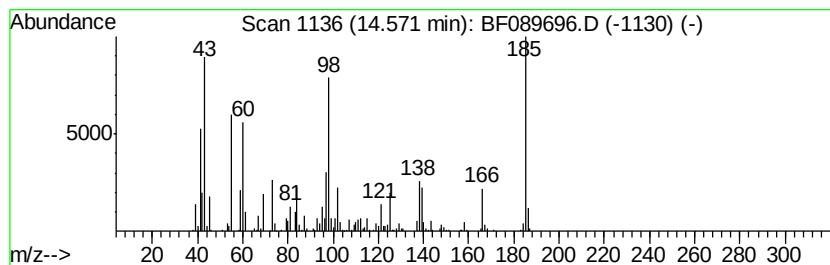
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.57 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	78.24 ng	1712190	Phenanthrene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanedioic acid	202	C10H18O4	000111-20-6	27
2		Sebacic acid, di(3-methylbut-2-yl) ester	342	C20H38O4	1000355-57-4	22
3		Sebacic acid, di(but-2-enyl) ester	310	C18H30O4	1000356-05-9	22
4		Undecanedioic acid	216	C11H20O4	001852-04-6	16
5		1,2-Cyclohexanediol, monoacetate	158	C8H14O3	022241-34-5	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
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Operator : UM/SJ
Sample : H4365-02 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

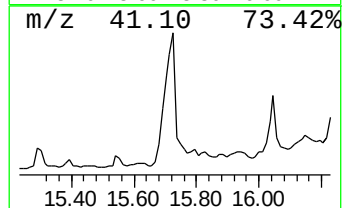
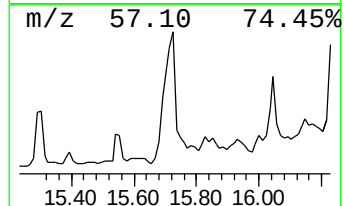
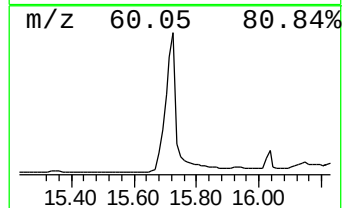
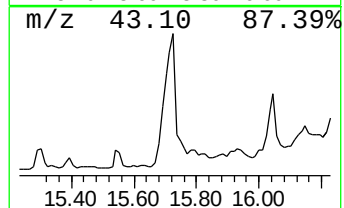
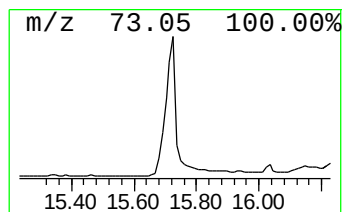
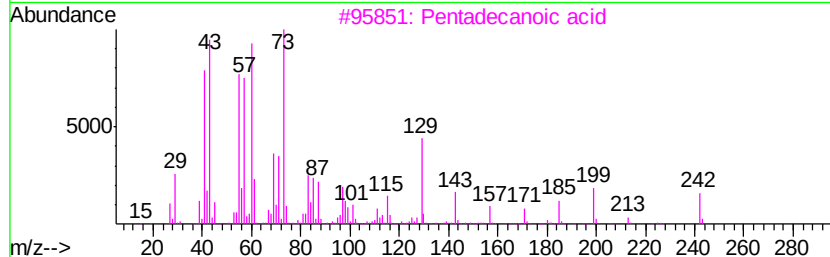
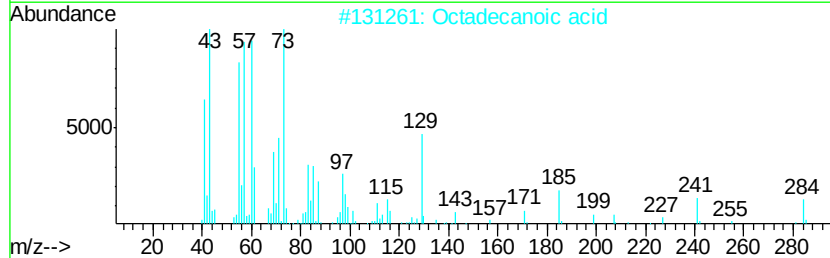
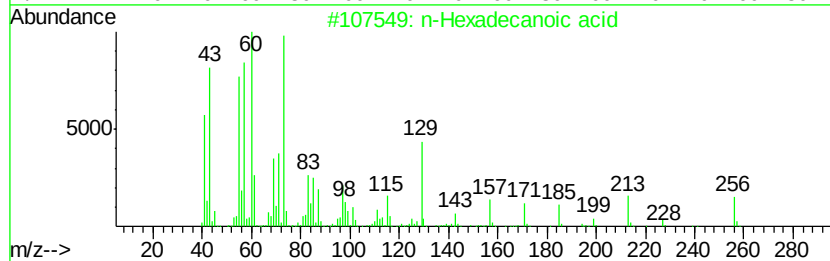
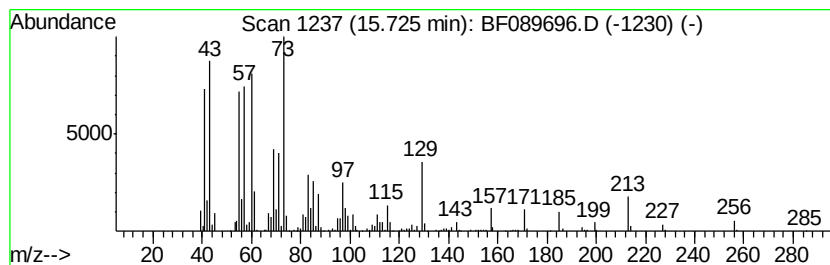
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.73	100.99 ng	2209890	Phenanthrene-d10		14.66
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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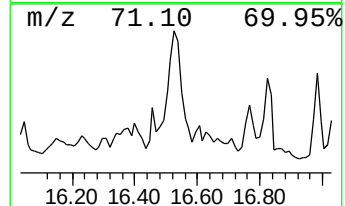
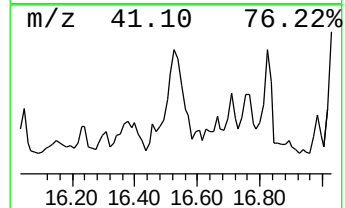
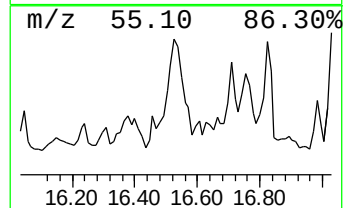
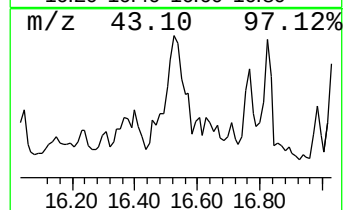
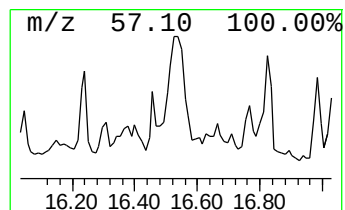
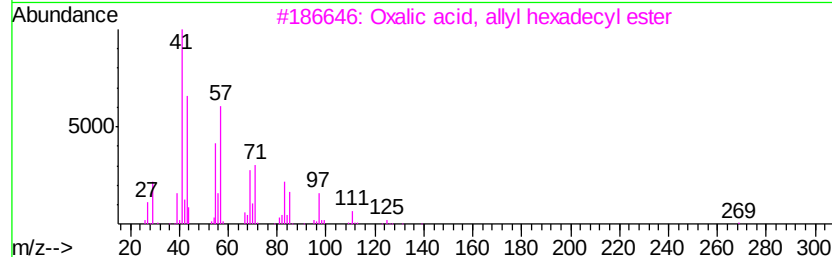
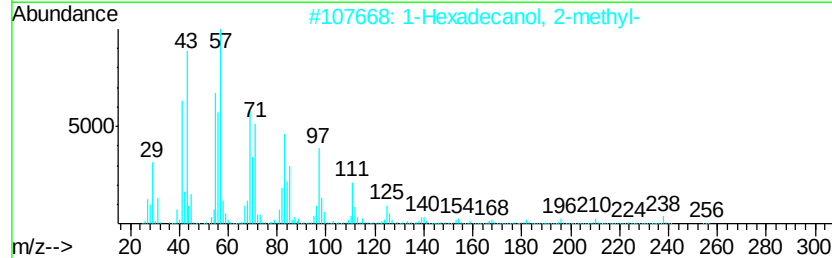
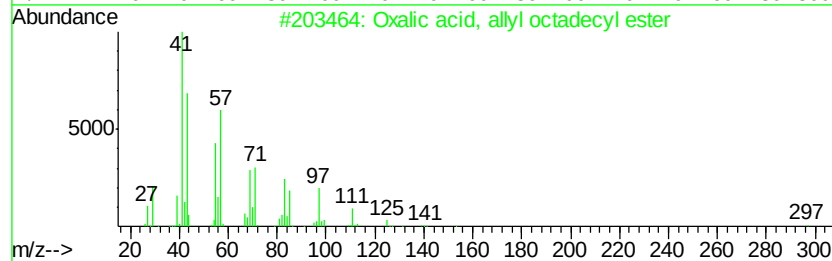
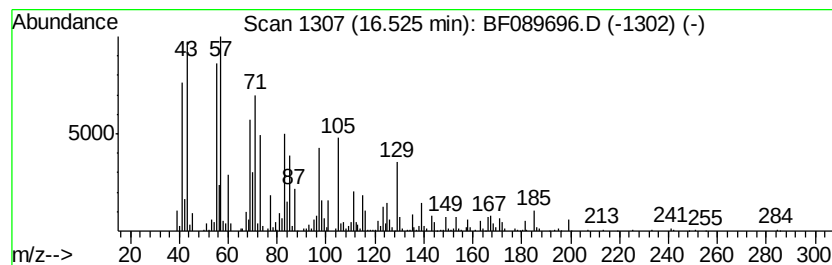
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxalic acid, allyl octadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	299.37 ng	4128930	Chrysene-d12	18.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	62
2		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	58
3		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	58
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
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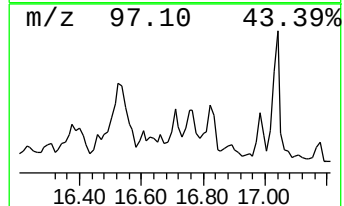
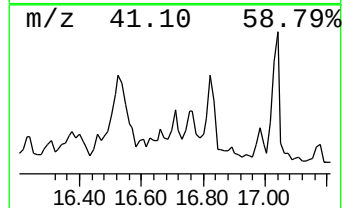
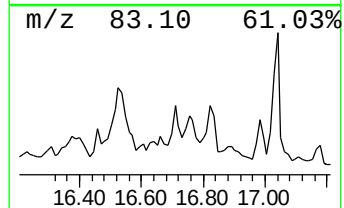
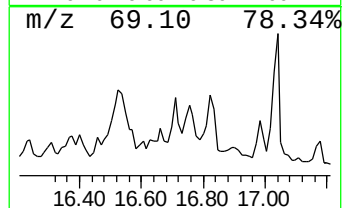
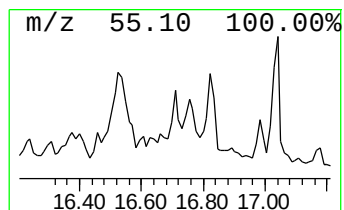
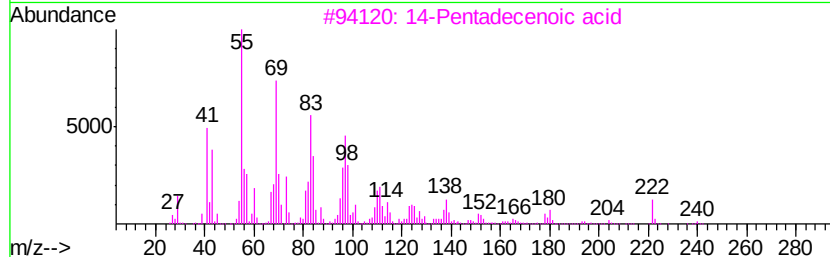
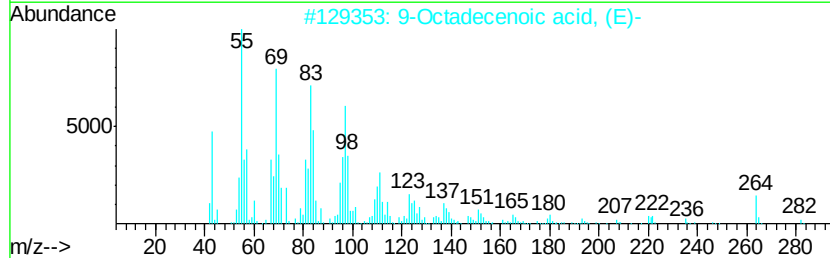
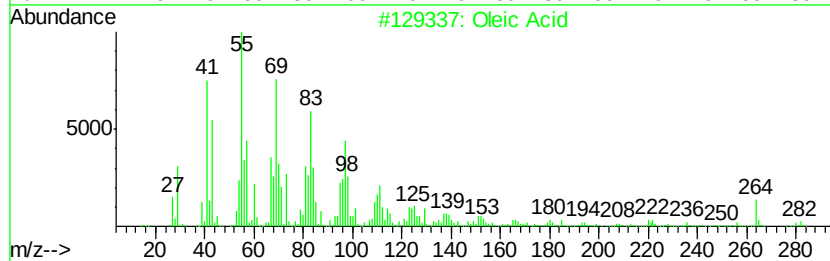
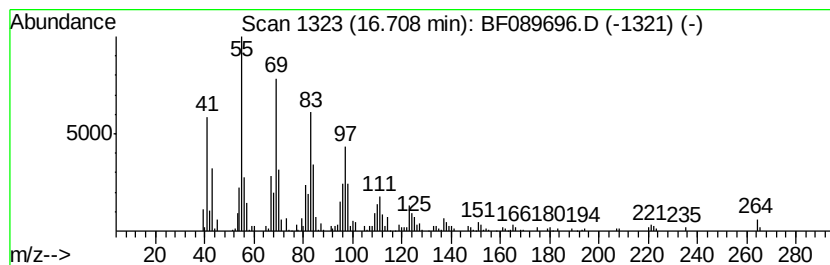
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oleic Acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.71	79.05 ng	1090330	Chrysene-d12		18.38		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oleic Acid	282	C18H34O2	000112-80-1	91
2			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3			14-Pentadecenoic acid	240	C15H28O2	017351-34-7	90
4			cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	60
5			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
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ALS Vial : 9 Sample Multiplier: 1

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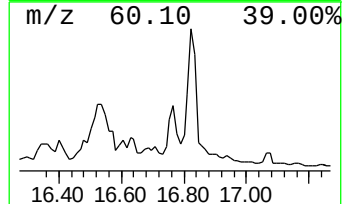
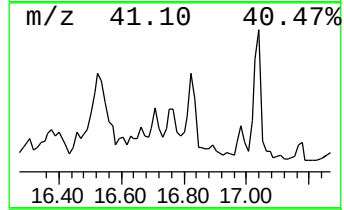
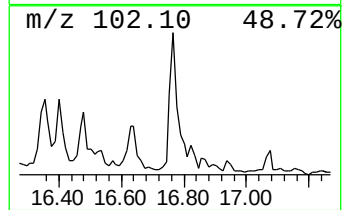
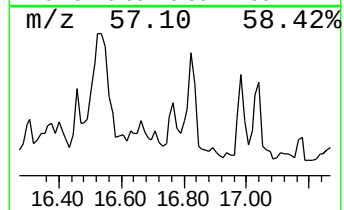
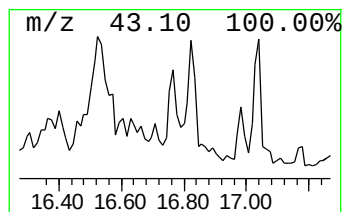
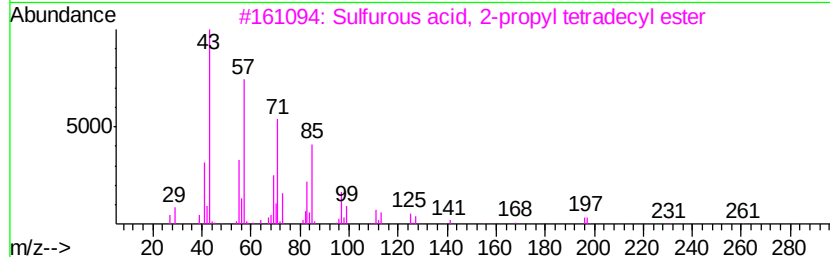
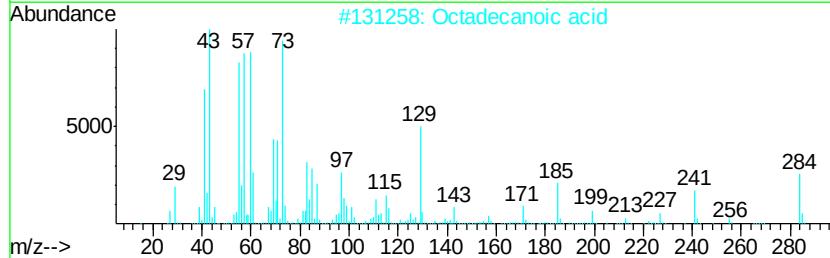
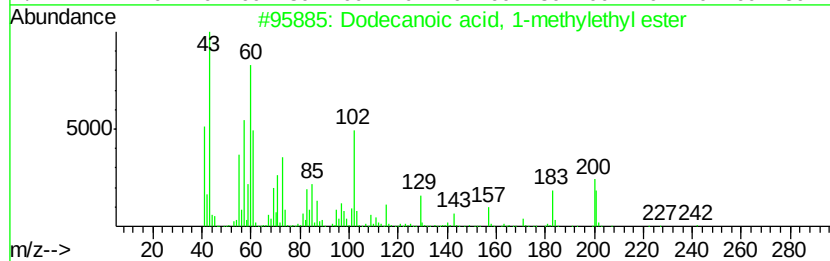
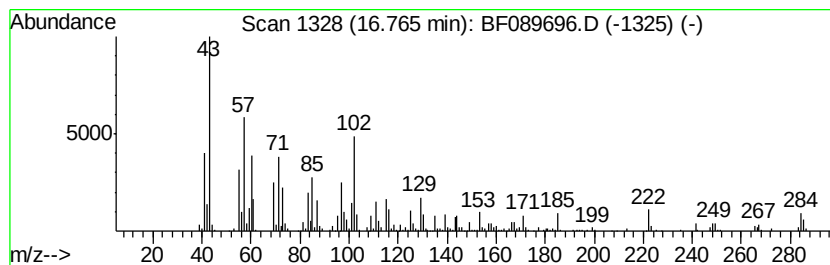
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.77 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	121.06 ng	1669620	Chrysene-d12	18.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	43
2		Octadecanoic acid	284	C18H36O2	000057-11-4	25
3		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	22
4		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	18
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
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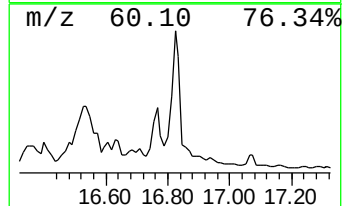
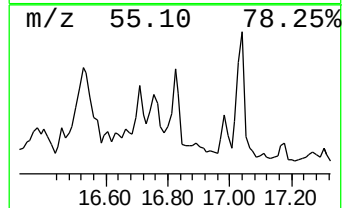
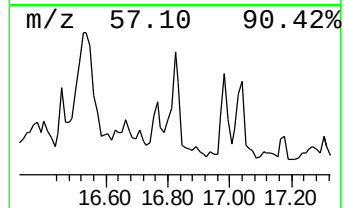
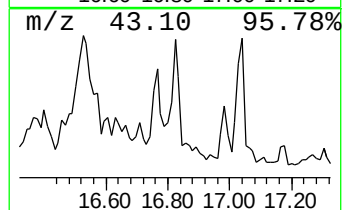
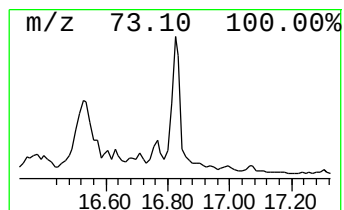
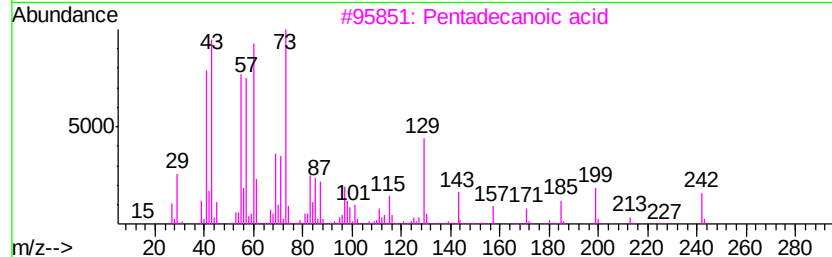
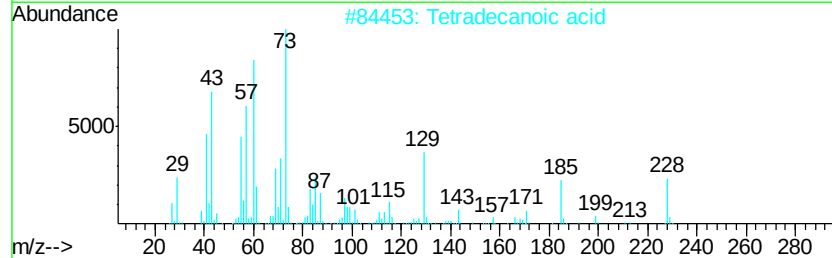
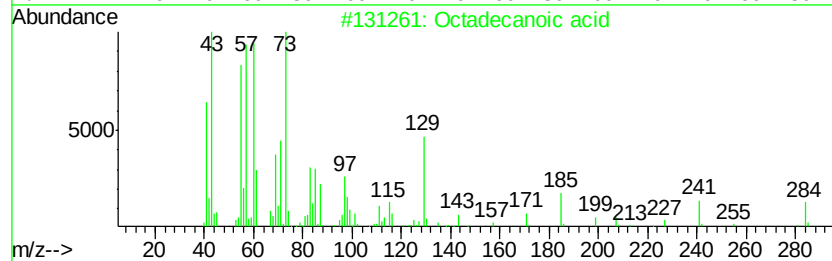
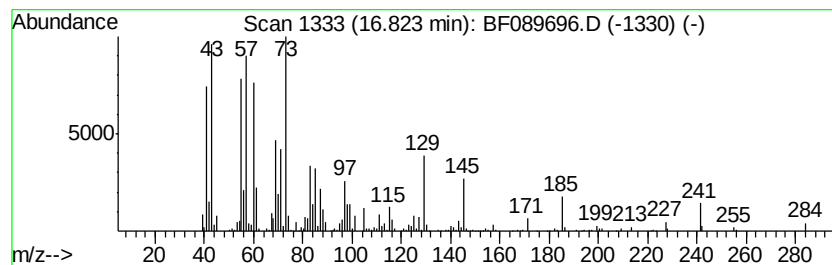
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.82	153.02 ng	2110520	Chrysene-d12	18.38		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	25
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	15



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Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
Sample : H4365-02 25X
Misc :
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ClientSampleId :
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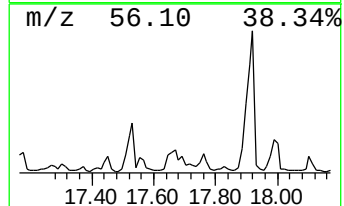
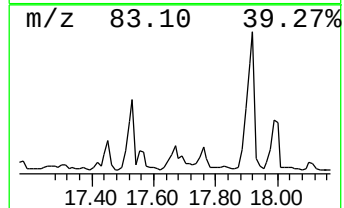
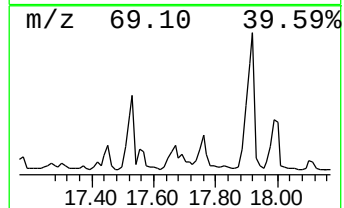
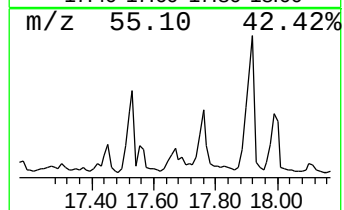
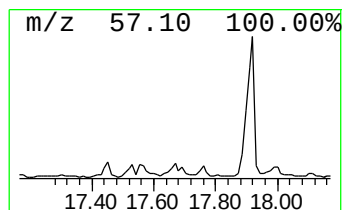
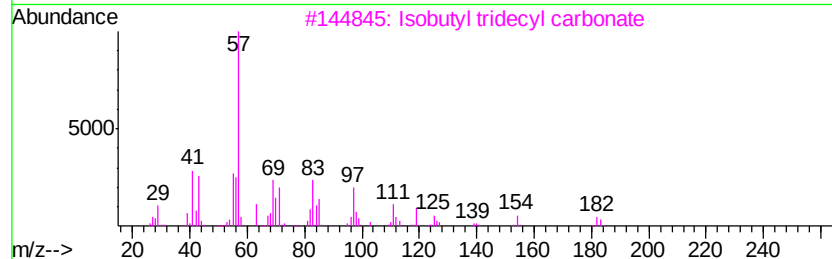
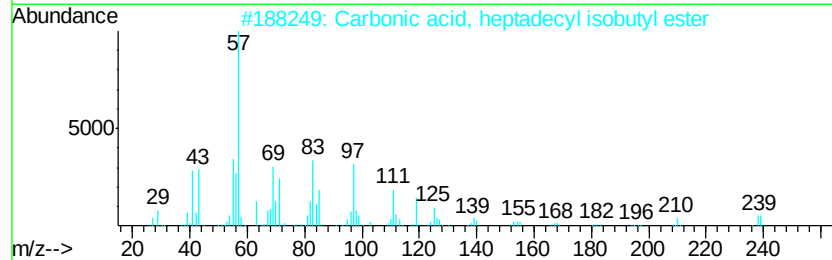
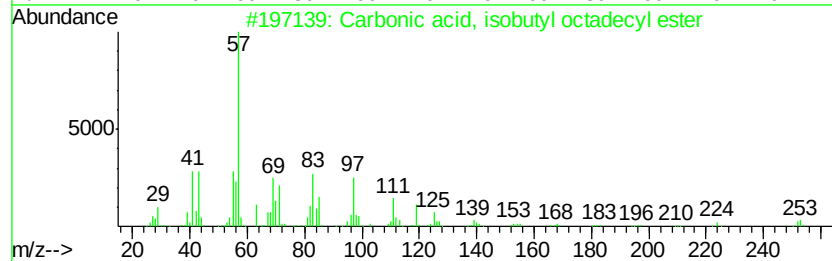
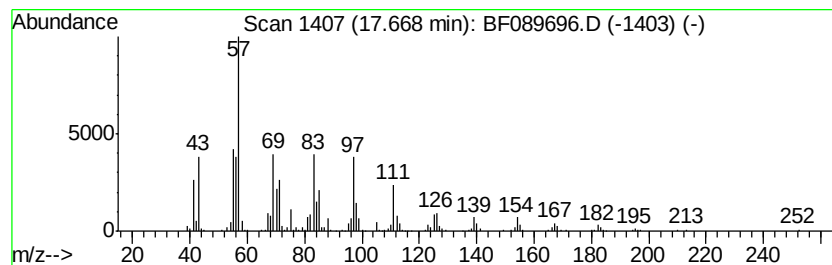
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Carbonic acid, isobutyl oct... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	94.75 ng	1306830	Chrysene-d12	18.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	91
2		Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	86
3		Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	86
4		Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	80
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
Sample : H4365-02 25X
Misc :
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Instrument :
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ClientSampleId :
EFF-WW

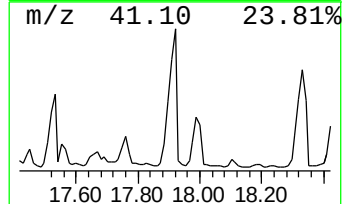
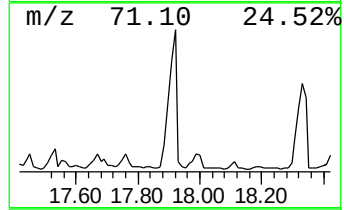
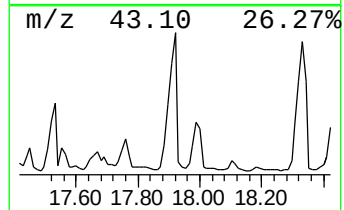
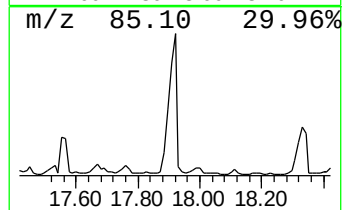
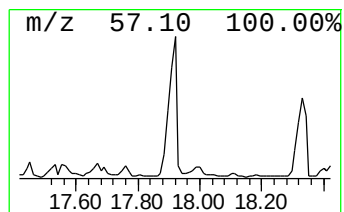
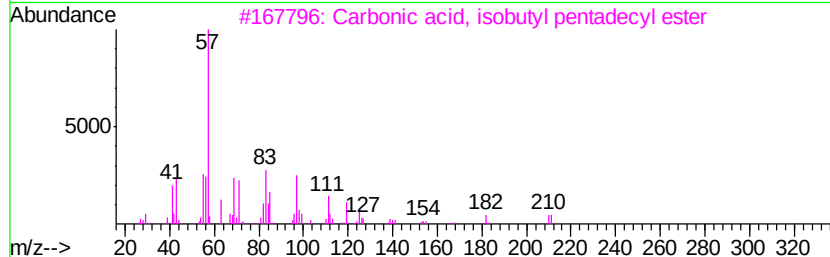
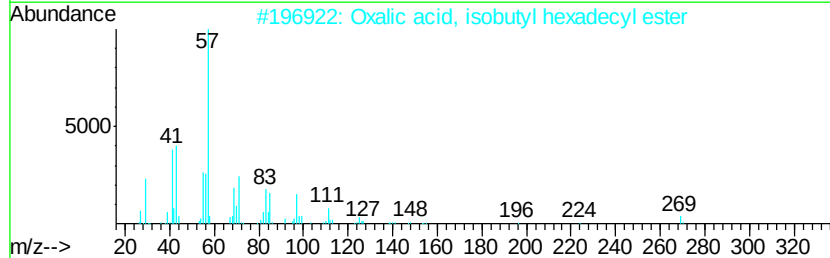
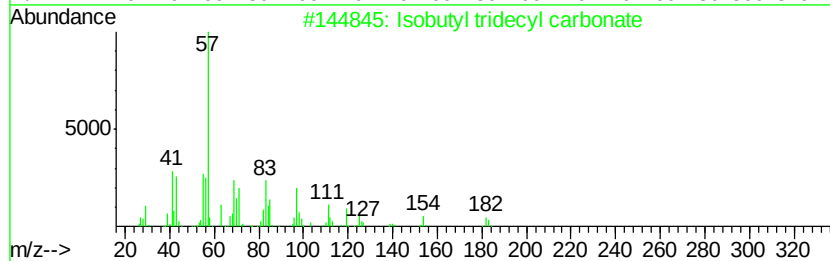
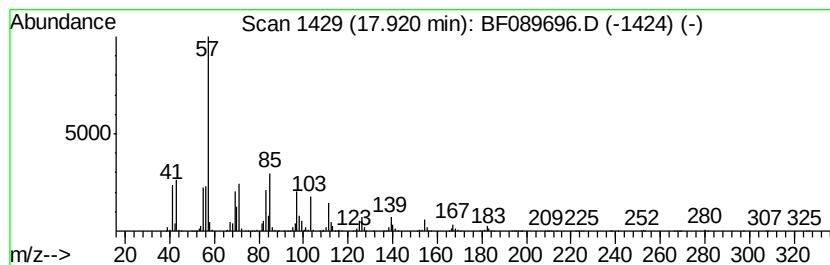
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Isobutyl tridecyl carbonate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	455.31 ng	6279740	Chrysene-d12	18.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	80
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
3		Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	59
4		Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	58
5		2-Octyldodecyl propionate	354	C23H46O2	1000368-55-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
Sample : H4365-02 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

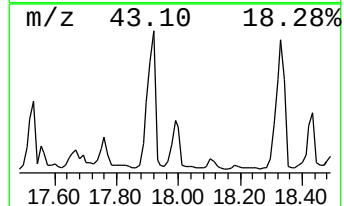
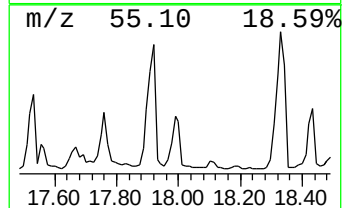
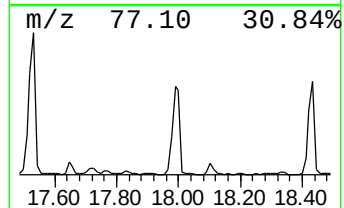
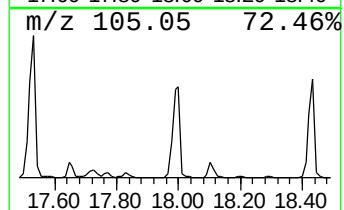
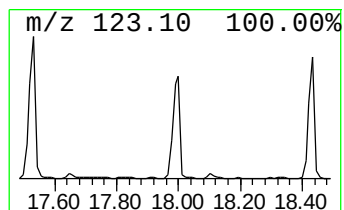
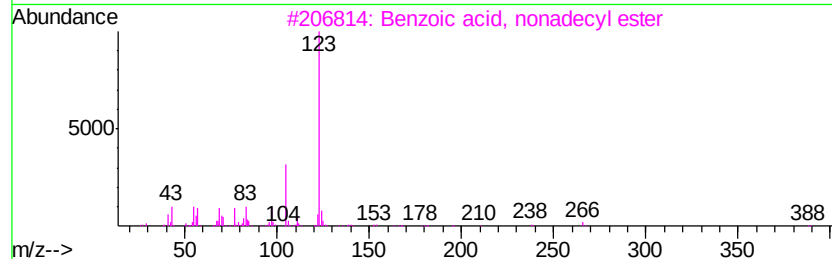
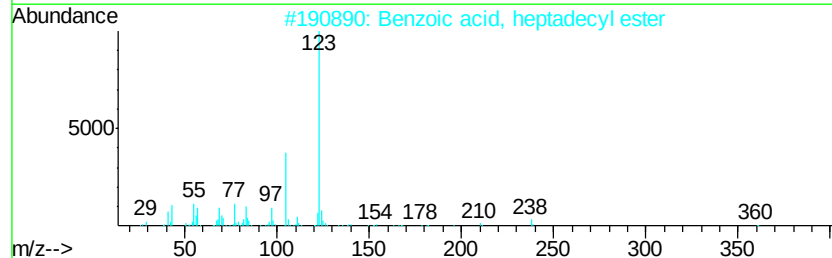
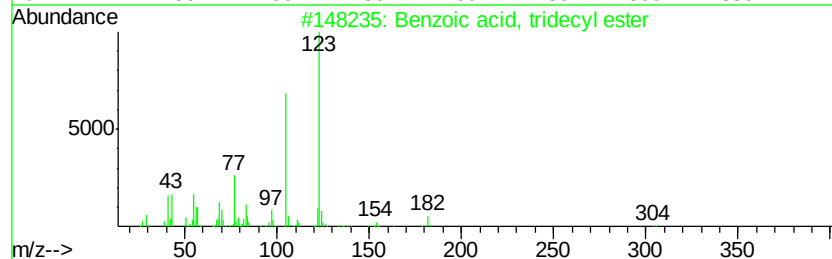
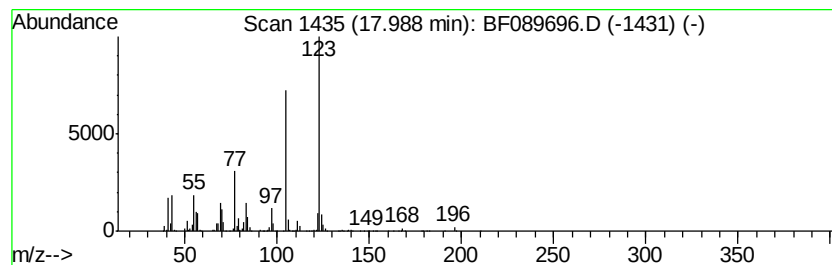
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzoic acid, tridecyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	203.23 ng	2802910	Chrysene-d12	18.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
4		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	90
5		Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
Sample : H4365-02 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WW

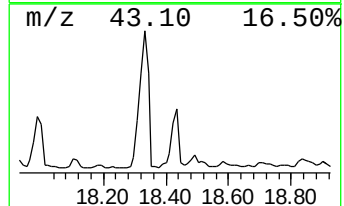
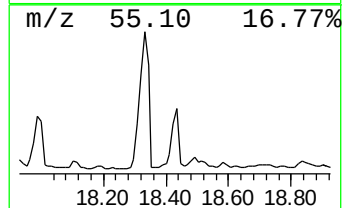
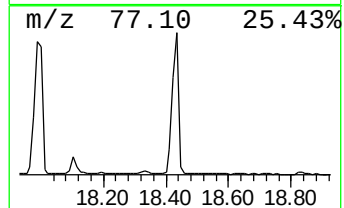
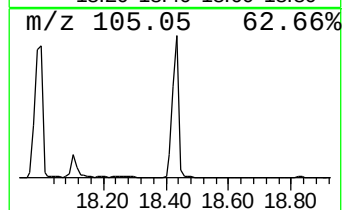
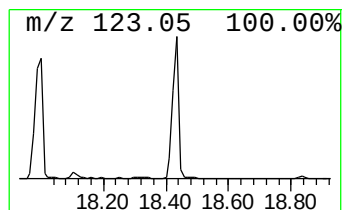
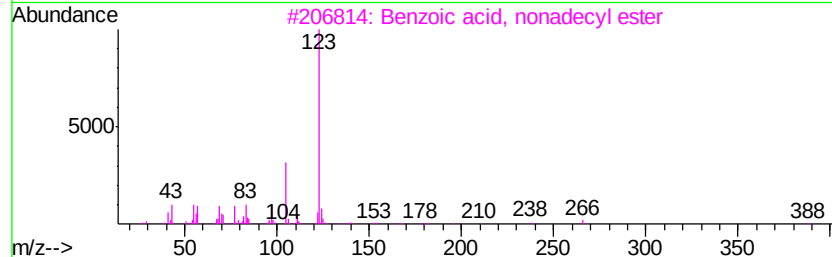
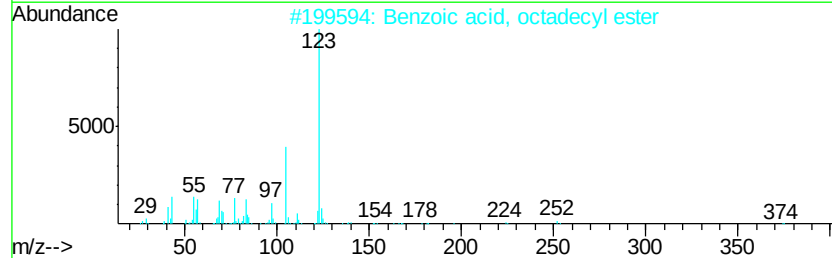
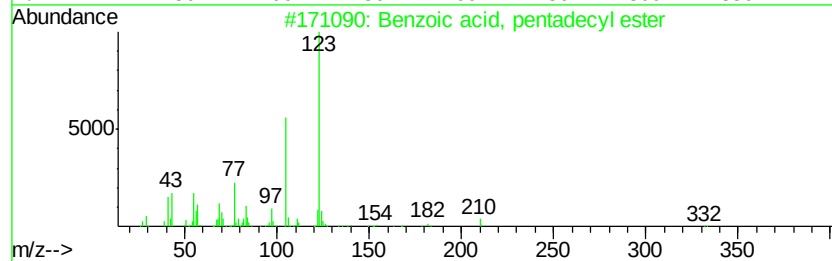
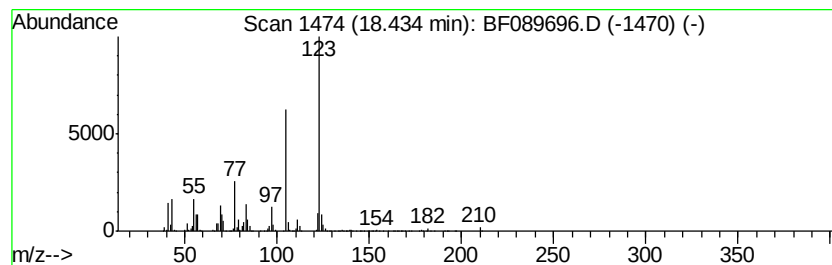
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzoic acid, pentadecyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	185.85 ng	2563240	Chrysene-d12	18.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
2		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	91
3		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
4		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
5		Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
Sample : H4365-02 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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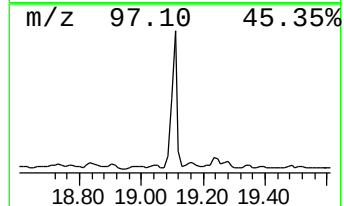
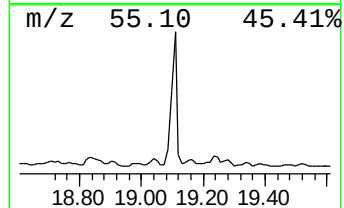
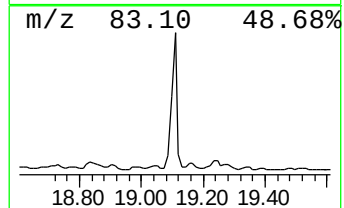
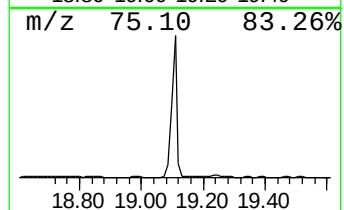
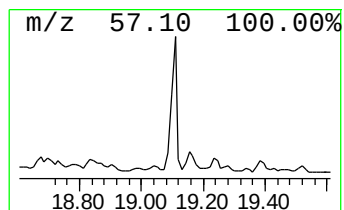
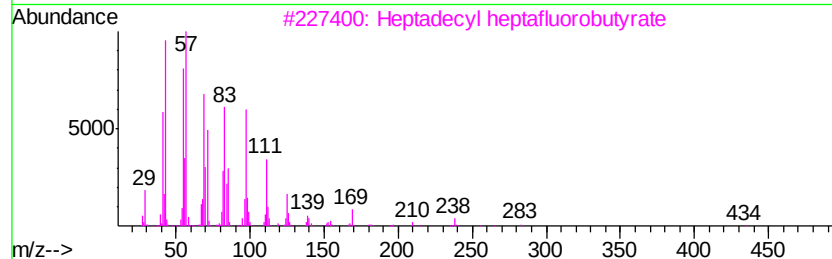
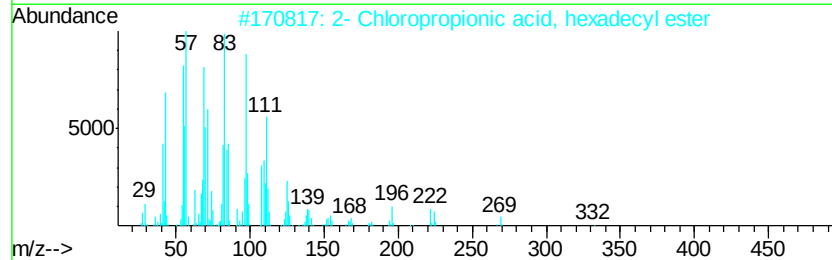
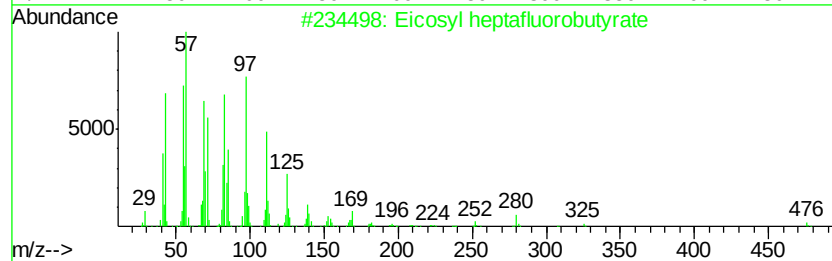
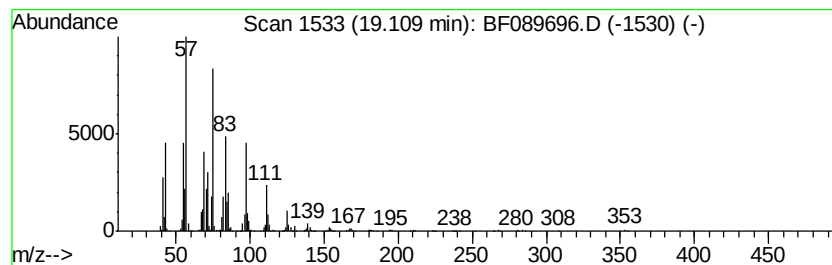
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	196.24 ng	2706560	Chrysene-d12	18.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosyl heptafluorobutvrate	494	C24H41F7O2	1000351-83-5	70
2		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	70
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	60
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	60
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089696.D
Acq On : 9 Aug 2016 19:27
Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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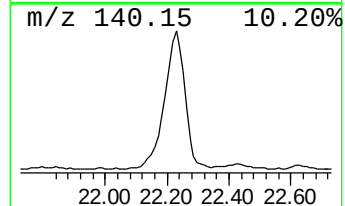
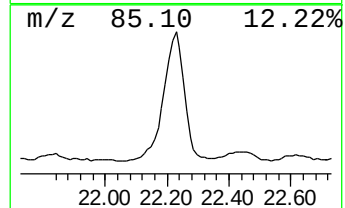
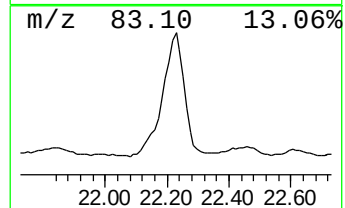
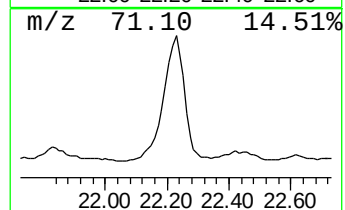
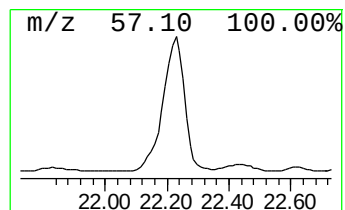
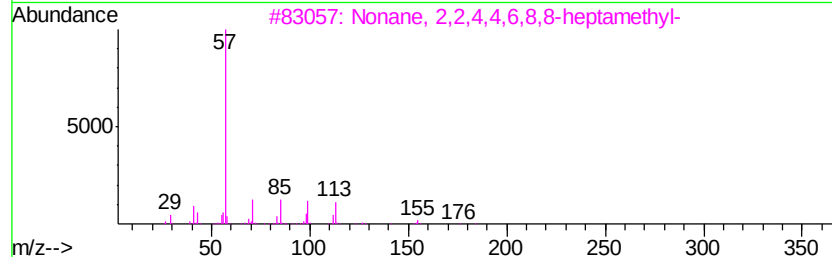
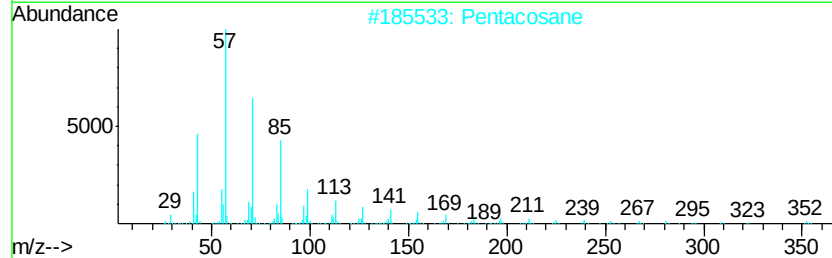
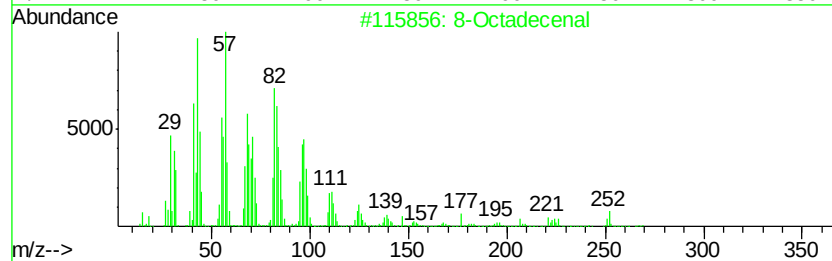
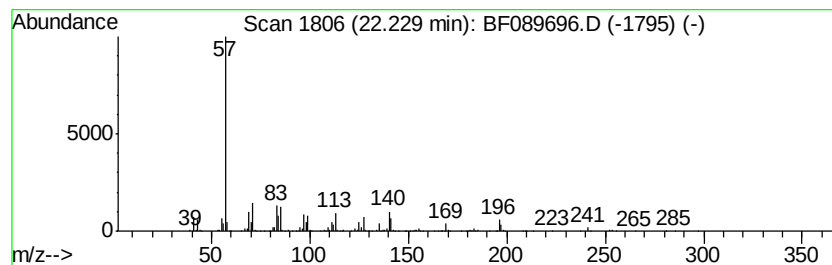
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 8-Octadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	118.94 ng	3521200	Perylene-d12	20.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	53
2		Pentacosane	352	C25H52	000629-99-2	43
3		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
4		Diethyl glutaconate	186	C9H14O4	002049-67-4	35
5		4-Propionyloxytetradecane	270	C17H34O2	1000245-62-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080916\
 Data File : BF089696.D
 Acq On : 9 Aug 2016 19:27
 Operator : UM/SJ
 Sample : H4365-02 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanoic acid, b...	5.88	105.2	ng	1425210	1	7.42	270877	20.0
Dodecanoic acid	12.95	169.6	ng	3650560	3	12.26	430578	20.0
1-Octanol, 5,7,7-...	14.05	84.4	ng	1846200	4	14.66	437656	20.0
Tetradecanoic acid	14.40	77.9	ng	1704390	4	14.66	437656	20.0
unknown14.57	14.57	78.2	ng	1712190	4	14.66	437656	20.0
n-Hexadecanoic acid	15.73	101.0	ng	2209890	4	14.66	437656	20.0
Oxalic acid, ally...	16.53	299.4	ng	4128930	5	18.38	275842	20.0
Oleic Acid	16.71	79.0	ng	1090330	5	18.38	275842	20.0
unknown16.77	16.77	121.1	ng	1669620	5	18.38	275842	20.0
Octadecanoic acid	16.82	153.0	ng	2110520	5	18.38	275842	20.0
Carbonic acid, is...	17.67	94.8	ng	1306830	5	18.38	275842	20.0
Isobutyl tridecyl...	17.92	455.3	ng	6279740	5	18.38	275842	20.0
Benzoic acid, tri...	17.99	203.2	ng	2802910	5	18.38	275842	20.0
Benzoic acid, pen...	18.43	185.8	ng	2563240	5	18.38	275842	20.0
Eicosyl heptaflu...	19.11	196.2	ng	2706560	5	18.38	275842	20.0
8-Octadecenal	22.23	118.9	ng	3521200	6	20.03	592120	20.0