

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101465.D
 Acq On : 16 Dec 2017 2:09
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

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-BF121417.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	2.534	73	76	89	rBV	371877	543959	9.60%	0.368%
2	3.269	196	201	205	rBV	373383	688917	12.15%	0.466%
3	3.304	205	207	241	rVB	514949	1547430	27.30%	1.046%
4	4.516	408	413	423	rBV	153940	195050	3.44%	0.132%
5	5.434	565	569	591	rBV	2202286	2803705	49.46%	1.895%
6	6.375	725	729	739	rBV	1546740	1682214	29.67%	1.137%
7	6.463	739	744	745	rBV	2440926	3047943	53.77%	2.060%
8	6.557	756	760	762	rBV	1251766	1188016	20.96%	0.803%
9	6.586	762	765	778	rVB2	2564560	4093779	72.22%	2.767%
10	6.757	790	794	800	rBV	2035221	1783996	31.47%	1.206%
11	6.816	800	804	805	rVV	1176312	997995	17.60%	0.675%
12	6.833	805	807	820	rVB	2113418	1767954	31.19%	1.195%
13	6.969	826	830	840	rBV3	3509754	5668871	100.00%	3.832%
14	7.081	845	849	853	rVV2	2157966	3004432	53.00%	2.031%
15	7.110	853	854	862	rVB	522613	425048	7.50%	0.287%
16	7.233	870	875	886	rBV	3858585	4340195	76.56%	2.934%
17	7.322	886	890	893	rVV	1271513	1059633	18.69%	0.716%
18	7.392	896	902	903	rBV	2247251	2581361	45.54%	1.745%
19	7.410	903	905	914	rVB	1581509	1218810	21.50%	0.824%
20	7.639	940	944	954	rBV	1453059	1748191	30.84%	1.182%
21	7.722	954	958	961	rVV	978628	834893	14.73%	0.564%
22	7.757	961	964	975	rVB	2052417	1786529	31.51%	1.208%
23	7.845	975	979	982	rBV	1568373	1426381	25.16%	0.964%
24	7.898	982	988	991	rVB	248366	401350	7.08%	0.271%
25	7.963	996	999	1009	rVV	1287892	1693912	29.88%	1.145%
26	8.039	1009	1012	1016	rVV	1884103	1765813	31.15%	1.194%
27	8.098	1016	1022	1024	rVV	1443456	1403362	24.76%	0.949%
28	8.122	1024	1026	1029	rVV	2706266	2150624	37.94%	1.454%
29	8.175	1032	1035	1041	rVV	1617804	1910873	33.71%	1.292%
30	8.227	1041	1044	1064	rVB	1815852	1691806	29.84%	1.144%
31	8.563	1095	1101	1115	rBV	798834	1142656	20.16%	0.772%
32	8.663	1115	1118	1129	rVV	1586453	1542977	27.22%	1.043%
33	8.816	1139	1144	1147	rBV	2401380	2335271	41.19%	1.578%
34	8.869	1149	1153	1155	rVV	402389	395769	6.98%	0.268%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101465.D
 Acq On : 16 Dec 2017 2:09
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

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-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.910	1155	1160	1164	rVV	2470909	2400299	42.34%	1.622%
36	8.980	1168	1172	1179	rVB	2016675	1704188	30.06%	1.152%
37	9.098	1189	1192	1197	rBV	1558834	1376663	24.28%	0.931%
38	9.145	1197	1200	1202	rBV	1005371	1090374	19.23%	0.737%
39	9.175	1202	1205	1208	rVB	4088432	3850926	67.93%	2.603%
40	9.274	1218	1222	1225	rBV	2755042	2543975	44.88%	1.720%
41	9.304	1225	1227	1231	rVB	2285688	1922683	33.92%	1.300%
42	9.410	1241	1245	1256	rVB	1449949	1293790	22.82%	0.874%
43	9.574	1268	1273	1277	rBV2	2155115	2366010	41.74%	1.599%
44	9.651	1281	1286	1289	rBV2	1659292	1857445	32.77%	1.255%
45	9.716	1292	1297	1301	rBV	2498702	2709237	47.79%	1.831%
46	9.827	1311	1316	1318	rBV	1314675	1273363	22.46%	0.861%
47	9.857	1318	1321	1324	rVV	1384231	1267189	22.35%	0.857%
48	9.892	1324	1327	1330	rVB	2892707	2416359	42.63%	1.633%
49	10.004	1342	1346	1352	rBV2	321093	503531	8.88%	0.340%
50	10.063	1352	1356	1362	rVB	2994275	2688715	47.43%	1.817%
51	10.145	1367	1370	1374	rVV	1091689	975494	17.21%	0.659%
52	10.186	1374	1377	1387	rVV	1031818	1032520	18.21%	0.698%
53	10.274	1387	1392	1395	rVB	2028550	1799058	31.74%	1.216%
54	10.392	1408	1412	1413	rBV	2211595	1973892	34.82%	1.334%
55	10.404	1413	1414	1417	rVV	2334712	1840247	32.46%	1.244%
56	10.439	1417	1420	1425	rVV	1059452	1101895	19.44%	0.745%
57	10.480	1425	1427	1429	rVV	66141	69818	1.23%	0.047%
58	10.516	1429	1433	1436	rVV	2681775	2289769	40.39%	1.548%
59	10.557	1436	1440	1443	rVB	2117351	1748038	30.84%	1.182%
60	10.651	1452	1456	1466	rBV	1502666	1348855	23.79%	0.912%
61	10.886	1492	1496	1499	rBV	1538074	1423780	25.12%	0.962%
62	10.957	1504	1508	1512	rBV	1493875	1294278	22.83%	0.875%
63	11.039	1518	1522	1532	rVB	1410119	1344918	23.72%	0.909%
64	11.163	1540	1543	1555	rBV	340398	478292	8.44%	0.323%
65	11.345	1571	1574	1576	rBV	1155105	1064437	18.78%	0.719%
66	11.374	1576	1579	1582	rVB	2180108	1985917	35.03%	1.342%
67	11.427	1584	1588	1591	rBV	2082004	1976129	34.86%	1.336%
68	11.586	1611	1615	1621	rBV	1719337	1799056	31.74%	1.216%
69	11.898	1664	1668	1671	rBV	2255057	1851471	32.66%	1.251%
70	12.563	1777	1781	1790	rBV	1894612	1811370	31.95%	1.224%
71	12.692	1799	1803	1815	rBV	1005864	1107685	19.54%	0.749%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101465.D
 Acq On : 16 Dec 2017 2:09
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.798	1816	1821	1824	rBV	1915954	1806786	31.87%	1.221%
73	12.927	1839	1843	1847	rBV	2794160	2761242	48.71%	1.866%
74	13.398	1919	1923	1927	rBV	1705655	1462872	25.81%	0.989%
75	13.457	1929	1933	1936	rBV	2046662	1842389	32.50%	1.245%
76	13.951	2012	2017	2020	rBV2	2491340	2649247	46.73%	1.791%
77	13.986	2020	2023	2027	rVV2	1811629	2482553	43.79%	1.678%
78	14.027	2027	2030	2033	rVB	1817836	1623149	28.63%	1.097%
79	14.562	2117	2121	2125	rBV	1725462	1640771	28.94%	1.109%
80	15.039	2197	2202	2205	rBV	1311096	1648297	29.08%	1.114%
81	15.068	2205	2207	2216	rVB	1447064	1439826	25.40%	0.973%
82	15.409	2260	2265	2272	rBV	1112461	1554065	27.41%	1.050%
83	15.468	2272	2275	2287	rVB2	531860	762689	13.45%	0.516%
84	15.868	2338	2343	2348	rVB	78022	117648	2.08%	0.080%
85	16.362	2422	2427	2433	rVB	78068	128276	2.26%	0.087%
86	16.962	2520	2529	2541	rBV	1166057	2395587	42.26%	1.619%
87	17.409	2597	2605	2620	rVB	457279	1094074	19.30%	0.740%
88	17.627	2636	2642	2651	rVB3	34773	86766	1.53%	0.059%

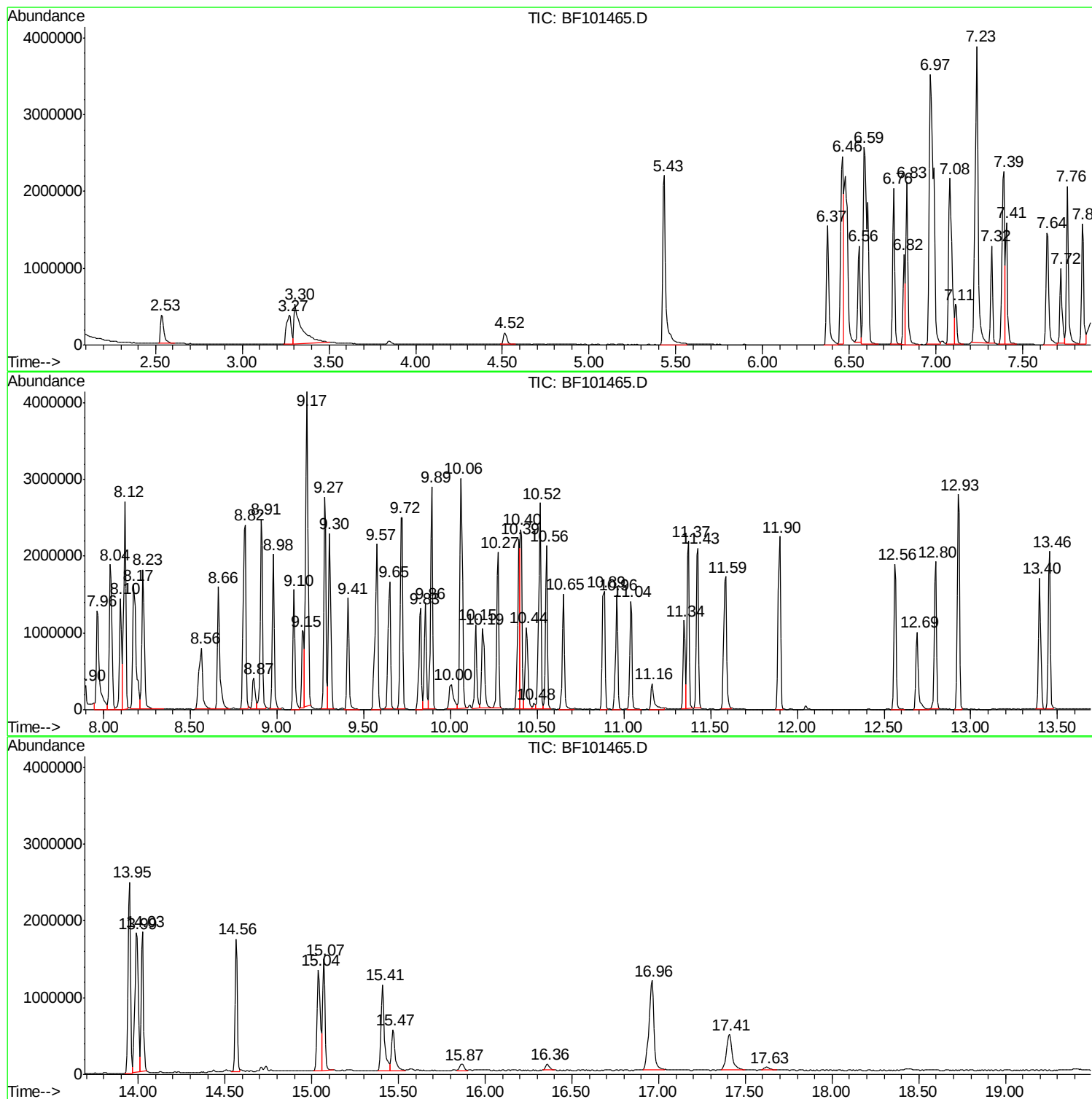
Sum of corrected areas: 147947618

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

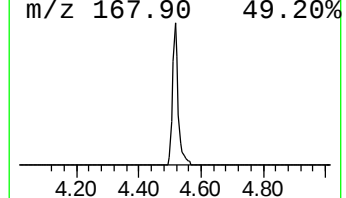
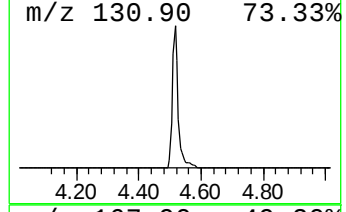
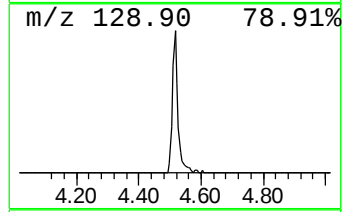
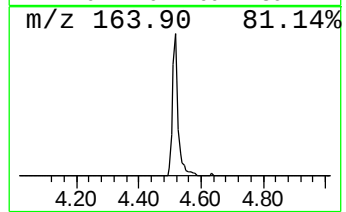
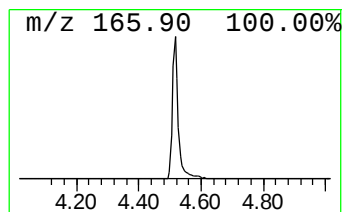
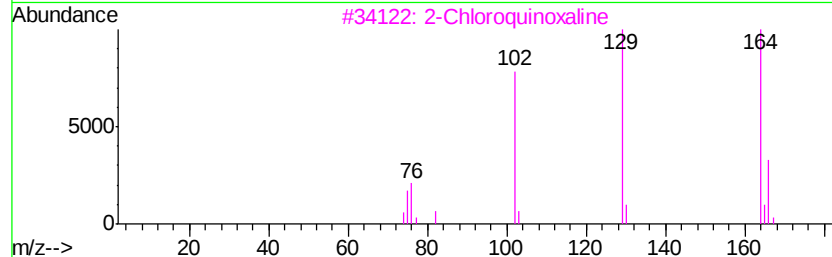
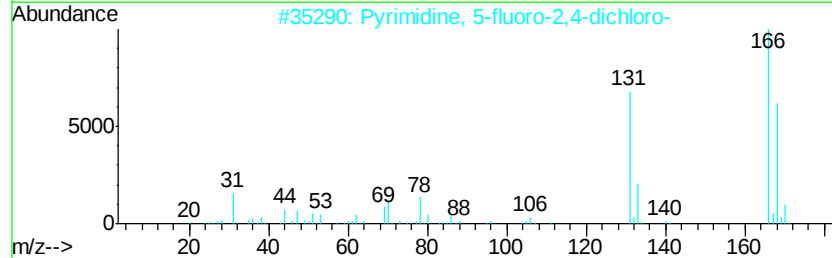
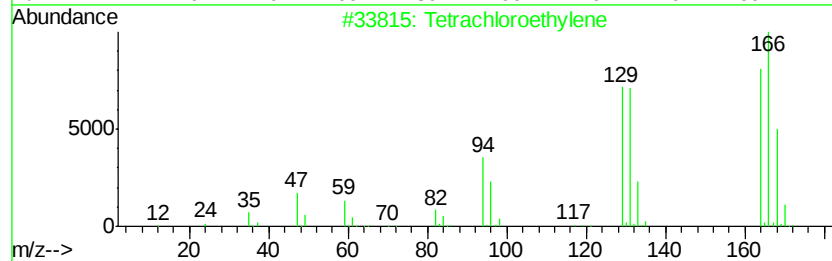
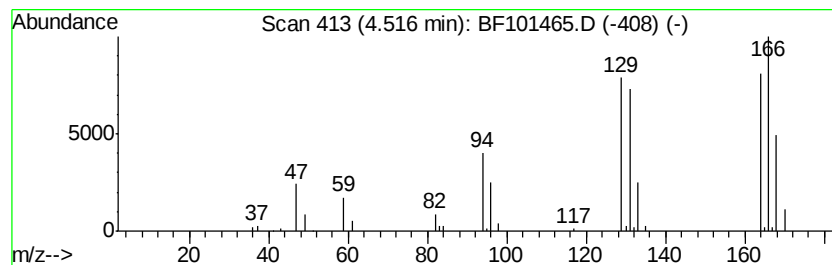
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	3.91 ng	195050	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2			Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25
3			2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	12
4			4,6-Dichloro-2-fluoropyrimidine	166	C4HCl2FN2	003824-45-1	10
5			Quinazoline, 4-chloro-	164	C8H5ClN2	005190-68-1	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

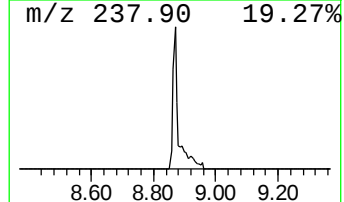
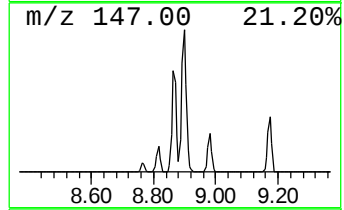
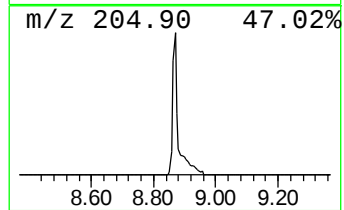
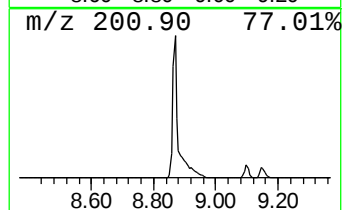
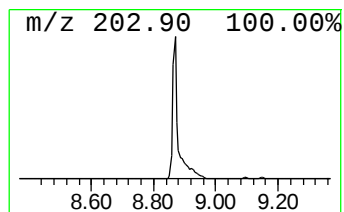
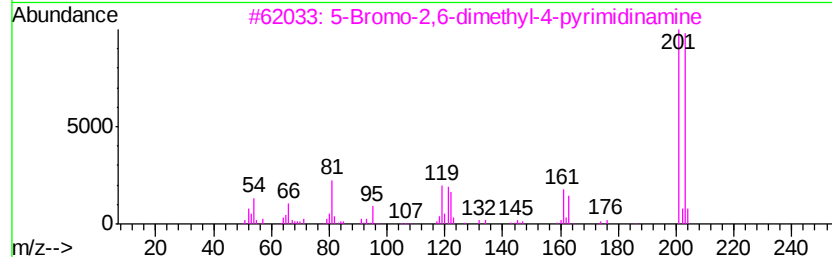
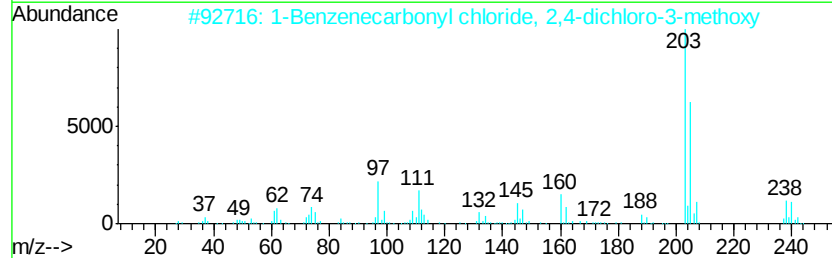
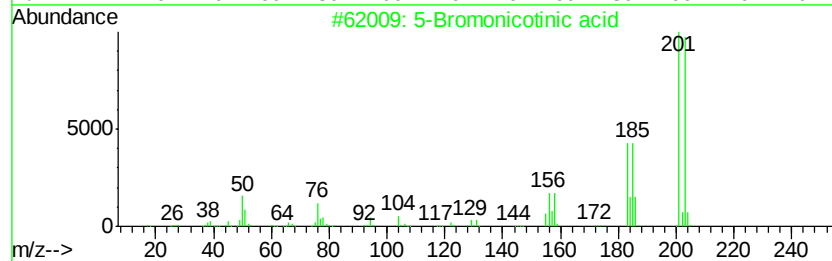
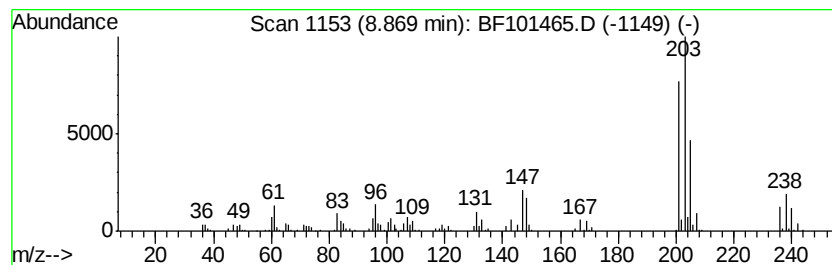
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 5-Bromonicotinic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	5.64 ng	395769	Naphthalene-d8	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Bromonicotinic acid	201	C6H4BrNO2	020826-04-4	43
2			1-Benzenecarbonyl chloride, 2,4-...	238	C8H5Cl3O2	1000196-85-1	43
3			5-Bromo-2,6-dimethyl-4-pyrimidin...	201	C6H8BrN3	007752-80-9	37
4			4-Amino-5,7-dichlorobenzofurazan	203	C6H3Cl2N3O	330982-41-7	35
5			Pyrazole-5-carbohydrazide, 4-bro...	232	C6H9BrN4O	1000273-85-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

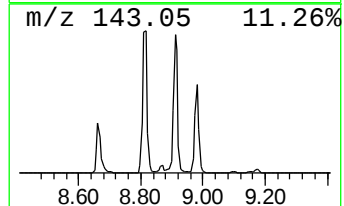
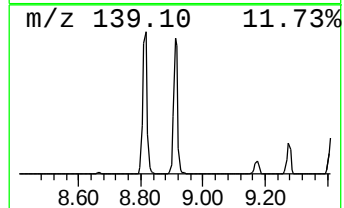
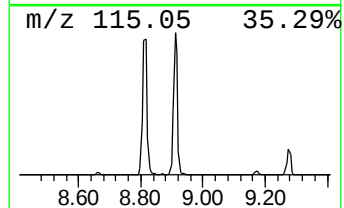
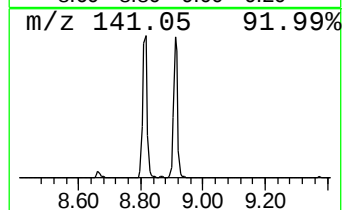
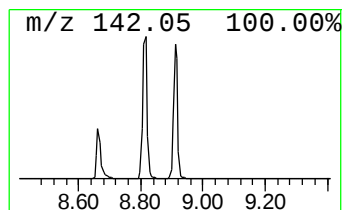
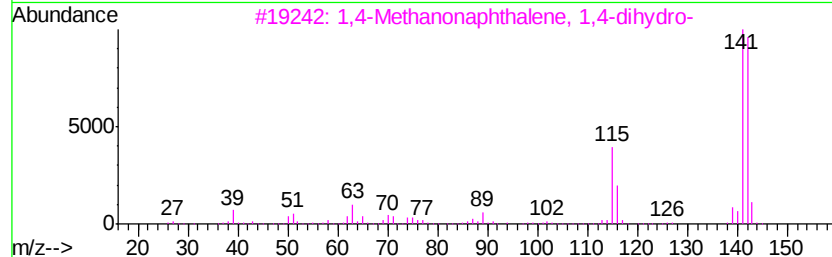
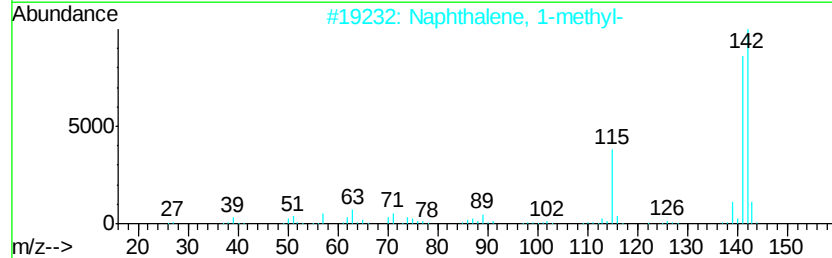
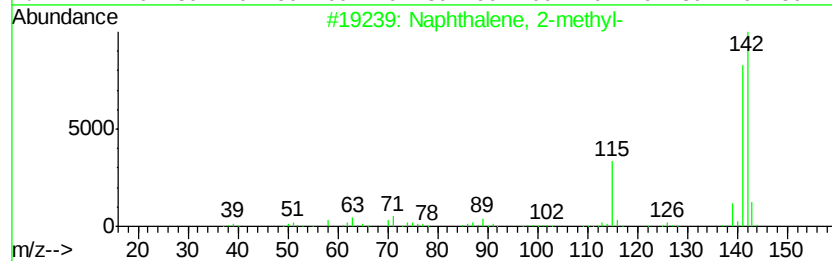
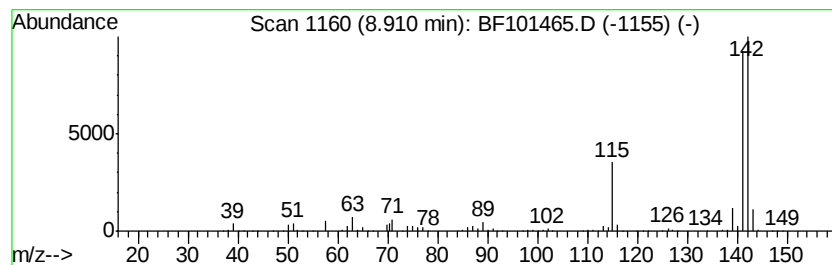
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	34.21 ng	2400300	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

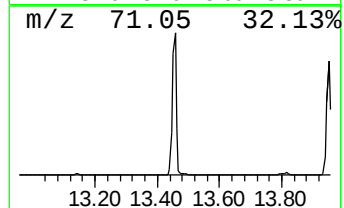
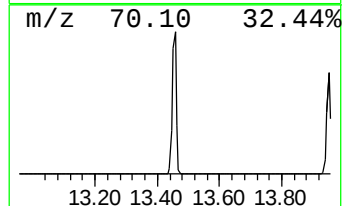
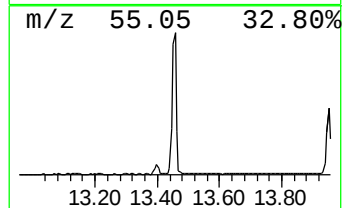
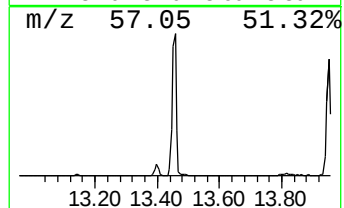
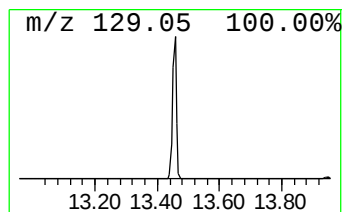
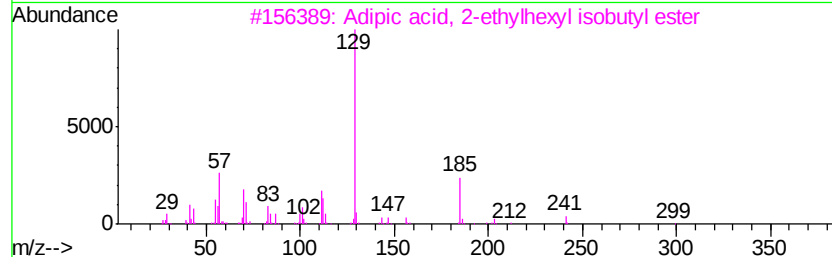
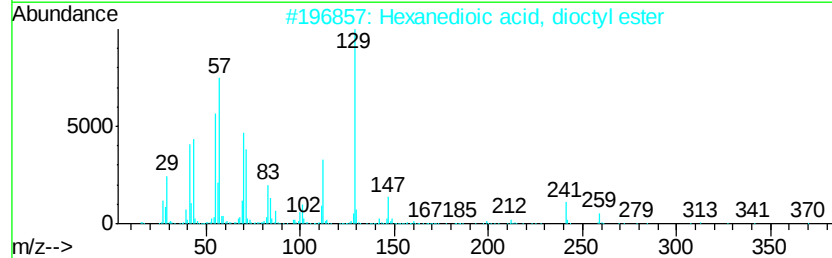
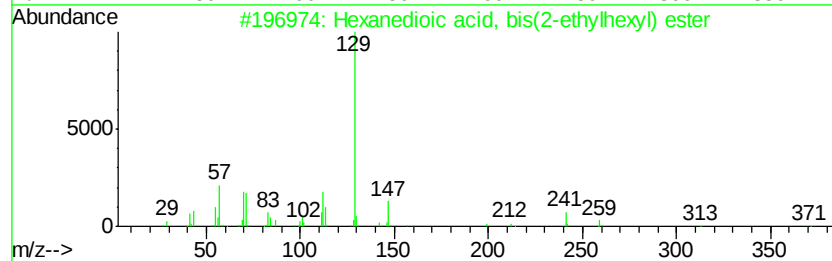
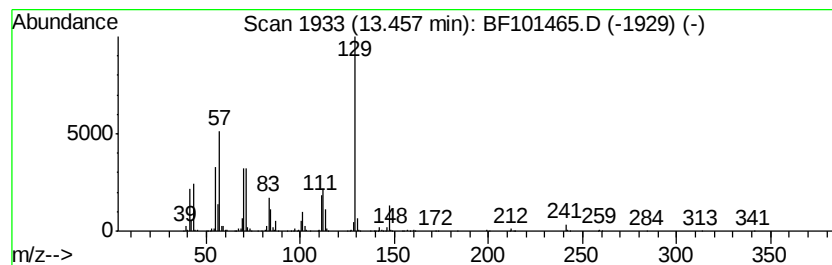
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	14.84 ng	1842390	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	62
3		Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59
4		Diisooctyl adipate	370	C22H42O4	001330-86-5	52
5		Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

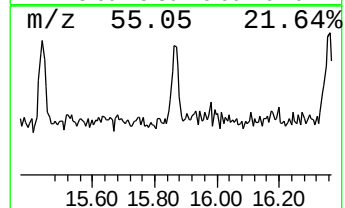
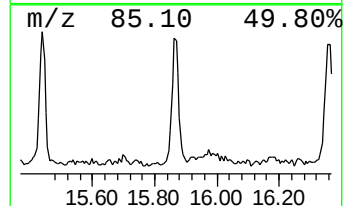
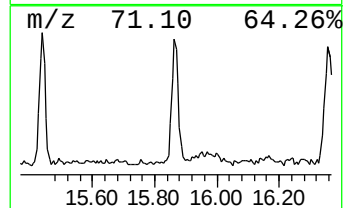
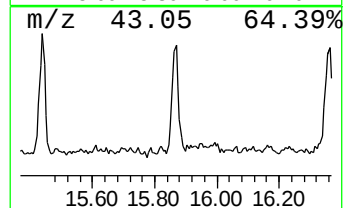
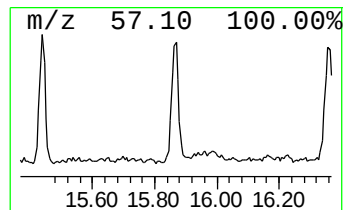
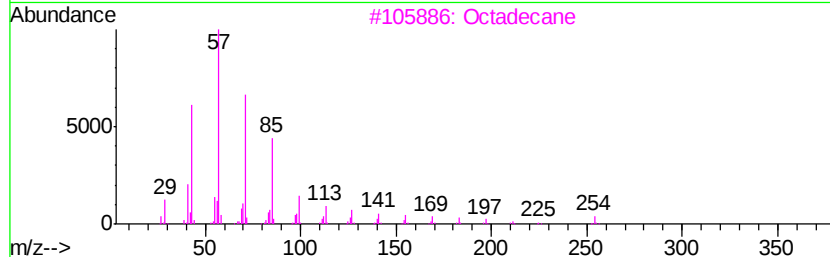
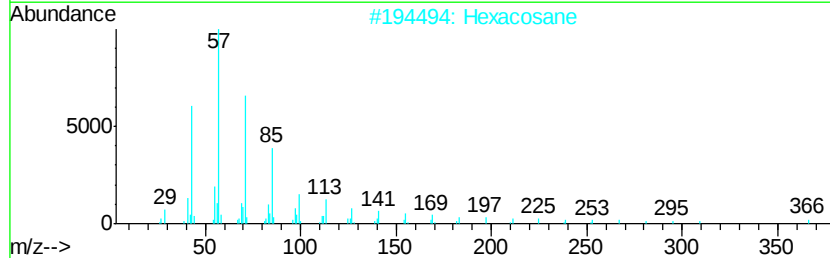
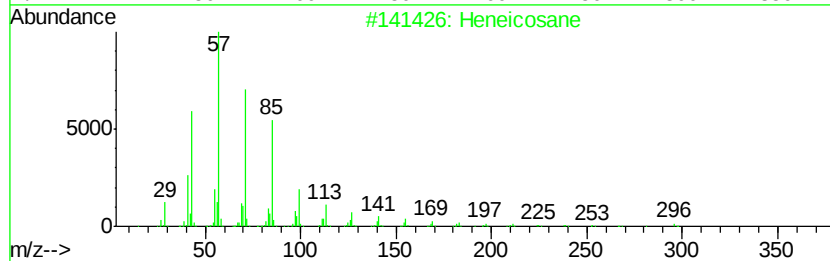
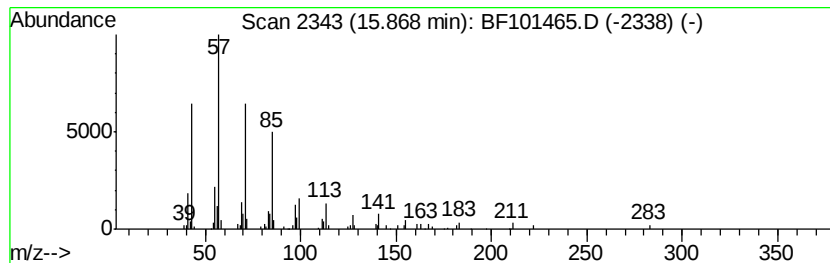
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.09 ng	117648	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Triacontane		422	C30H62	000638-68-6	91
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

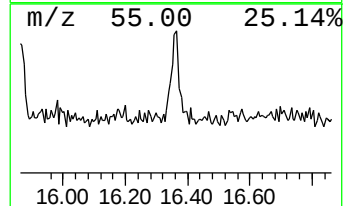
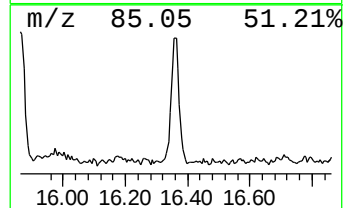
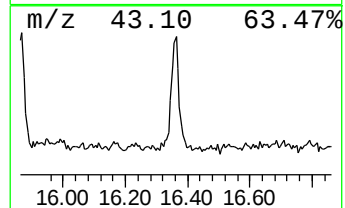
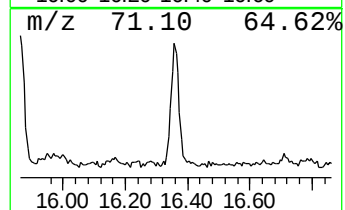
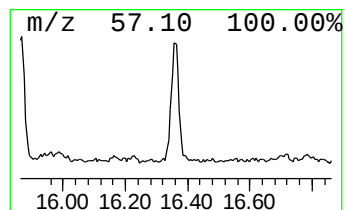
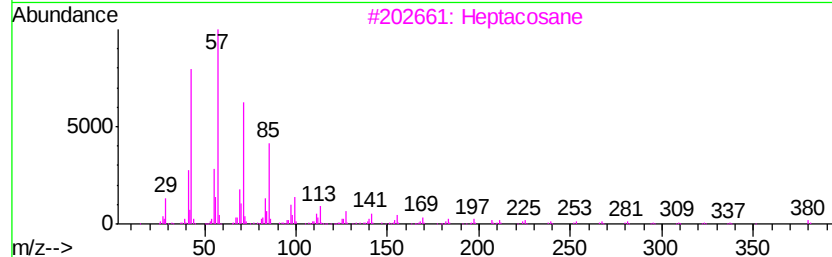
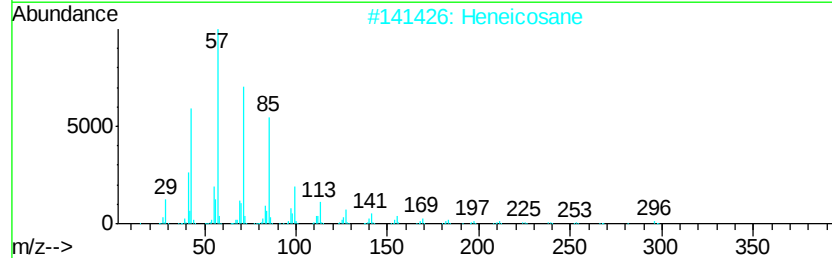
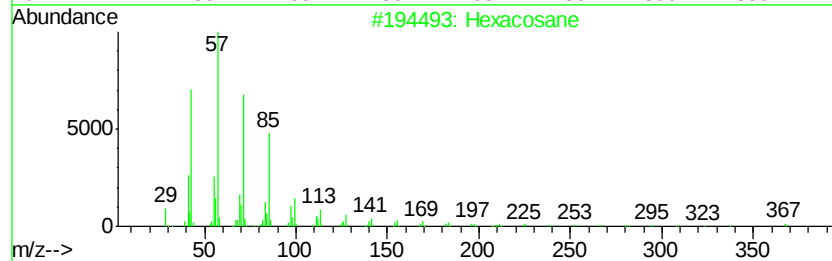
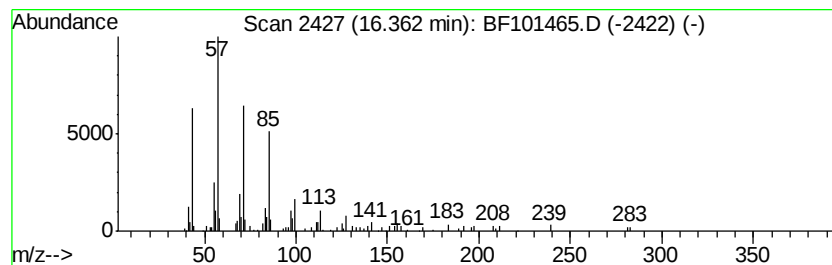
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.36 ng	128276	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101465.D
 Acq On : 16 Dec 2017 2:09
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

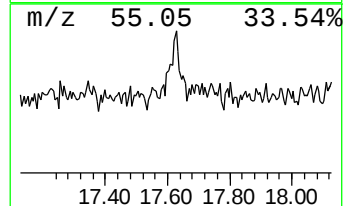
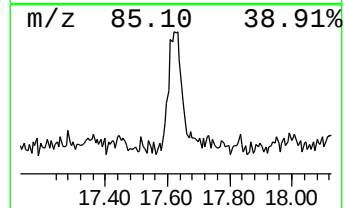
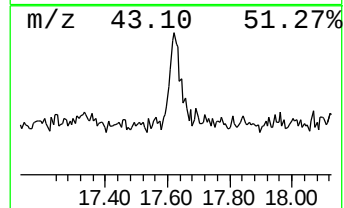
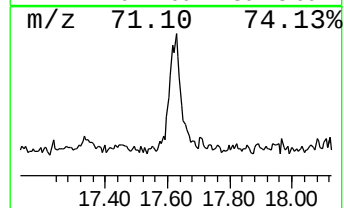
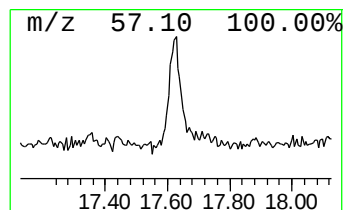
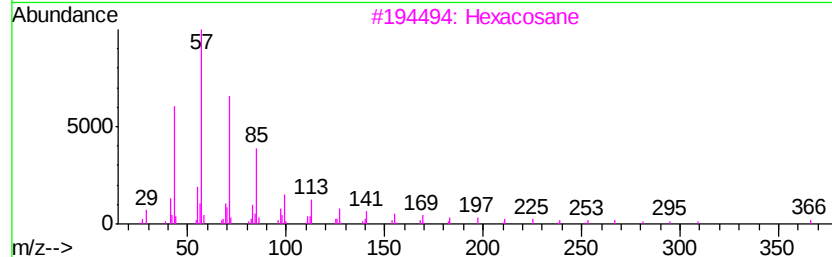
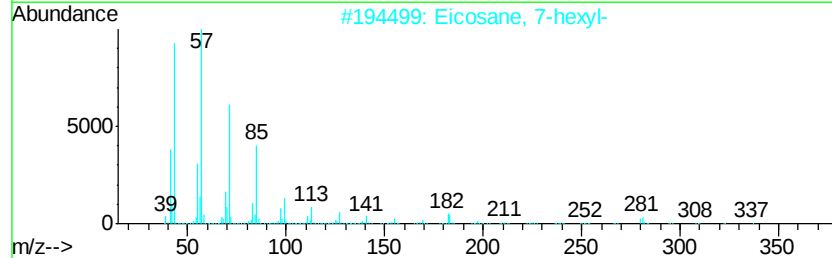
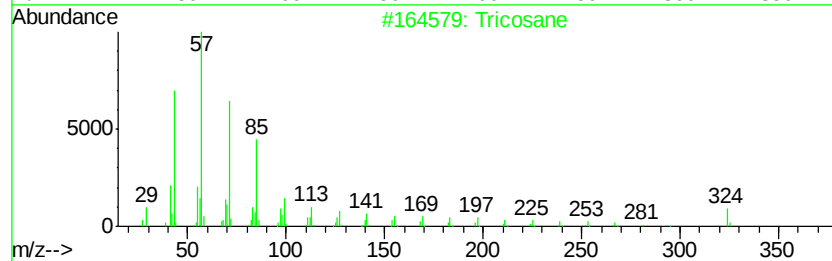
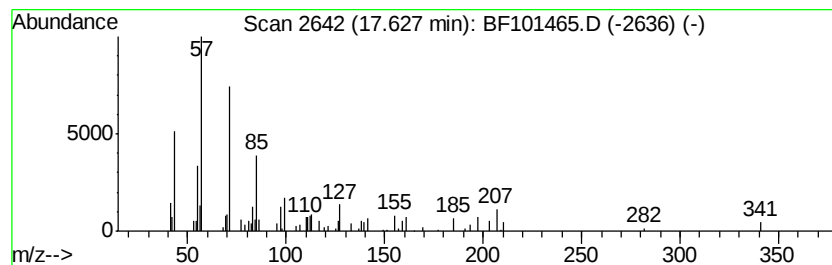
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.28 ng	86766	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	86
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
3		Hexacosane	366	C26H54	000630-01-3	80
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101465.D
Acq On : 16 Dec 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
Tetrachloroethylene	4.52	3.9	ng	195050	1	6.82	997995	20.0
5-Bromonicotinic ...	8.87	5.6	ng	395769	2	8.10	1403360	20.0
Naphthalene, 2-me...	8.91	34.2	ng	2400300	2	8.10	1403360	20.0
Hexanedioic acid,...	13.46	14.8	ng	1842390	5	14.00	2482550	20.0
Heneicosane	15.87	3.1	ng	117648	6	15.47	762689	20.0
Hexacosane	16.36	3.4	ng	128276	6	15.47	762689	20.0
Tricosane	17.63	2.3	ng	86766	6	15.47	762689	20.0